

Pricing Agreement Award

OCWUT00034 Environmental Improvements, Inc.

APPROVED by the Trustees and signed by the Chairman of the Oklahoma City Water Utilities Trust this 16TH day of JULY, 2024.

ATTEST:

OKLAHOMA CITY WATER UTILITIES TRUST

Amy K Simpson
SECRETARY



[Signature]
CHAIRMAN

CONCURRED by the Council and signed by the Mayor of The City of Oklahoma City this 30TH day of JULY, 2024.

ATTEST:

THE CITY OF OKLAHOMA CITY

Amy K Simpson
CITY CLERK



David Holt
MAYOR

REVIEWED for form and legality.

Craig Keith
Assistant Municipal Counselor

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Supplier: **ENVIRONMENTAL IMPROVEMENTS, INC. (ei2)**

**BID/PRICING AGREEMENT/CONTRACT FORM & NON-DISCRIMINATION
STATEMENT**

**BIDDER MUST ELECTRONICALLY COMPLETE, SIGN AND NOTARIZE THIS
DOCUMENT PRIOR TO SUBMITTING IN THE ELECTRONIC BID SYSTEM**

**Please be aware that typing in your password acts as your electronic signature, which is
just as legal and binding as an original signature.**

(See Electronic Signatures in Global and National Commerce Act for more information.)

**THIS DOCUMENT MUST BE ELECTRONICALLY SIGNED AND SUBMITTED WITH THE BID
OR THE BID WILL BE REJECTED**

INSTRUCTIONS: This document MUST be electronically signed and submitted with the bid for the bid to be valid. Failure to electronically sign the this document prior to submitting the electronic bid will result in rejection of your bid. This document constitutes your bid and will be the Pricing Agreement/Contract document under which you are to perform, should your bid be accepted, so it must be properly and completely executed. It is, therefore, essential that you are aware of its terms, as well as those contained in the specifications.

Submit this electronically signed document, along with all accompanying documents:

THIS PRICING AGREEMENT/CONTRACT is made and entered into, by and between **Environmental Improvements, Inc.** hereinafter referred to as "Bidder" and The City of Oklahoma City, a municipal corporation, or a participating Public Trust of which The City of Oklahoma City is Beneficiary hereinafter referred to as the "Contracting Entity."

WITNESSETH:

WHEREAS, the governing body of the Contracting Entity has approved certain specifications and requested by notice that bids be submitted thereon; and

WHEREAS, this document until executed by the Mayor/Chairman of the Contracting Entity constitutes the Bidder's proposal; and

NOW, THEREFORE, that in consideration of the covenants, agreements and representations as hereinafter set forth, it is mutually agreed by the parties that:

1. The Bidder agrees to sell and deliver to the Contracting Entity, the items of material and/or services, specified in the pricing section of the electronic bid submittal, which is attached hereto and made a part of this Pricing Agreement/Contract. List the prompt payment discount, if any, for this agreement in the space provided below:

Discount for Prompt Payment **0% 0 Days**

2. The Bidder expressly warrants that all articles, material, and/or work covered in this Pricing Agreement/Contract will conform to the specifications and electronic bid documents attached to this bid and are hereby incorporated, as if set forth in full herein; and further warrants that the same shall be of good material and workmanship, and free from defects.

3. The Bidder understands that all bids are to be submitted in U.S. dollars at a firm price. Bids submitted in any currency other than U.S. dollars will be rejected.

4. The Bidder also understands that all invoices shall be submitted in U.S. dollars and agrees to accept payment in U.S. dollars as full satisfaction of the invoiced amount.

5. If any of the goods fail to meet the warranties contained in Paragraph 2, above, the Bidder, upon notice from the Contracting Entity, shall promptly correct or replace the same at the Bidder's expense. If the Bidder shall fail to so do, the Contracting Entity may cancel this order as to all such goods, and in addition, may cancel the then remaining balance of this order. After notice to the Bidder, all such goods will be held

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at the Bidder's risk. The Contracting Entity may, at the Bidder's direction, make available such goods to be returned to the Bidder at the Bidder's risk, and all transportation charges, both to and from the original destination, shall be paid by the Bidder. Any payment for such goods shall be refunded by the Bidder unless the Bidder promptly corrects or replaces the same at the Bidder's expense.

6. The Contracting Entity agrees to pay to the Bidder the price and amount in accordance with Paragraph 1 above, based on the quantity actually purchased, upon delivery to and acceptance by the Contracting Entity, of the material and/or service[s] above described and upon the filing by the Bidder, and approval by the Contracting Entity, of a verified claim for the amount due.

7. The Bidder agrees, in connection with the performance of work under this Pricing Agreement/Contract:

a. That the Bidder will not discriminate against any employee or applicant for employment, because of race, creed, color, sex, age, national origin, ancestry or disability. The Bidder shall take affirmative action to ensure that employees are treated without regard to their race, creed, color, age, national origin, sex, ancestry or disability. Such actions shall include, but not be limited to, the following: employment, promotion, demotion or transfer, recruitment, advertising, lay-off, termination, rates of pay or other forms of compensation and selection for training, including apprenticeship. The Bidder agrees to post, in a conspicuous place available to employees and applicants for employment, notices to be provided by the City Clerk/Secretary of the Contracting Entity setting forth the provisions of this section, and;

b. That the Bidder agrees to include this non-discrimination clause in any subcontracts connected with the performance of this Pricing Agreement/Contract.

8. In the event of the Bidder's non-compliance with the above non-discrimination clause, this Pricing Agreement/Contract may be canceled or terminated by the Contracting Entity. The Bidder may be declared by the Contracting Entity ineligible for further Pricing Agreement[s]/Contract[s] with the Contracting Entity until satisfactory proof of intent to comply is made by the Bidder.

9. The risk of loss or damage shall be borne by the Bidder at all times until the acceptance of goods, properly packed, by the Contracting Entity.

10. This Pricing Agreement/Contract, specifications, electronic bid submittal documents and any attachments constitutes the entire understanding and agreement of the parties upon the subject matter hereof. There is no agreement, oral or otherwise, which is not contained in or attached to this Pricing Agreement/Contract. This Pricing Agreement/Contract may not be modified or assigned unless approved in writing and signed by both parties.

11. The parties assume and understand that the variables in the Bidder's cost of performance may fluctuate; consequently, the parties agree that any fluctuations in the Bidder's costs will not alter the Bidder's obligations under this Pricing Agreement/Contract nor excuse performance or delay on the Bidder's part.

12. This Pricing Agreement/Contract shall be inoperative during such period of time that the aforesaid delivery or acceptance may be rendered impossible by reason of fire, Act of God or government regulation. Provided, however, to the extent that the Bidder has any commercially reasonable alternative method of performing this Pricing Agreement/Contract by purchase on the market or otherwise, the Bidder shall not be freed of any obligations hereunder by this clause, even though the goods intended for this Pricing Agreement/Contract were destroyed or their delivery delayed because of an event described above.

13. The shipping or receiving of any goods under this Pricing Agreement/Contract shall not be deemed, or be, a waiver of any right to damages for any prior failure to ship or receive any goods.

14. This Pricing Agreement/Contract shall be governed by the laws of the State of Oklahoma.

15. The Bidder shall be responsible for complying with all applicable federal, state and local laws.

16. If submitting a bid for services, the Bidder certifies that they, and any proposed subcontractors, are in compliance with 25 O.S. §1313 and participate in the status Verification System. The Status Verification System is defined in 25 O.S. §1312 and includes but is not limited to the free Employment Verification Program (E-Verify) through the Department of Homeland Security and available at www.dhs.gov/E-Verify.

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The undersigned individual states that the Bidder will be bound by all components of its bid, the specification, the terms and conditions of the Pricing Agreement/Contract, and the requirements for Bidders.

WITNESS the hands of the parties hereto:

THIS FORM MUST BE ELECTRONICALLY SIGNED AND SUBMITTED WITH THE BID FOR THE BID TO BE VALID

Note: The owner or an officer of the business or corporation may sign this document. A Corporate Seal or a letter of authorization is needed for any other signer. For instance, if a Salesman or Manager signs this form, a letter of authorization or Corporate Seal is to be attached.

JEFF ADAMS

Type Name of Authorized Agent

VICE PRESIDENT

Title of Authorized Agent

ENVIRONMENTAL IMPROVEMENTS, INC., 755 W. 73003
COVELL, SUITE 170, EDMOND OK

Company Name and Address

Zip Code

405-757-8000

Telephone Number and Fax Number if any

BIDDER MUST ELECTRONICALLY COMPLETE, SIGN AND NOTARIZE THIS DOCUMENT

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(See Electronic Signatures in Global and National Commerce Act for more information.)

THIS FORM MUST BE ELECTRONICALLY SIGNED AND SUBMITTED
WITH THE BID OR THE BID WILL BE REJECTED

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Supplier: **ENVIRONMENTAL IMPROVEMENTS, INC. (ei2)**

NON-COLLUSION AFFIDAVIT

BIDDER MUST ELECTRONICALLY COMPLETE, SIGN AND NOTARIZE THIS DOCUMENT PRIOR TO SUBMITTING BID

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature.

(See Electronic Signatures in Global and National Commerce Act for more information.)

The undersigned, of lawful age, being duly sworn, upon oath, deposes and says: That the undersigned has the lawful authority to execute the within and foregoing proposal/bid for, and on behalf of, the Proposer/Bidder; that the Proposer/Bidder has not, directly or indirectly, entered into any agreement, express or implied, with any Proposer/Bidder, having for its object the controlling of the price or amount of such proposal/bid, the limiting of the proposals/bids or the Proposers/Bidders, the parceling or farming out to any Proposer/Bidder or other persons, of any part of the Agreement or any part of the subject matter of the proposal/bid, or of the profits thereof, and that Proposer/Bidder has not and will not divulge the sealed proposal/bid to any person whomsoever, except those having a partnership or other financial interest with the Proposer/Bidder in the said proposal/bid, until after the said sealed proposals/bids are opened.

The undersigned further states that the Proposer/Bidder has not been a party to any collusion: among Proposer/Bidders in restraint of freedom of competition, by any agreement to bid at a fixed price or to refrain from proposing; or with any City/Trust official, City/Trust employee or City/Trust agent as to the quantity, quality, or price in the prospective Agreement, or any other terms of the said prospective Agreement; or in any discussions between the Proposers/Bidders or City/Trust official, City/Trust employee or City/Trust agent concerning the exchange of money or other thing of value for special consideration in the letting of Agreement. The Proposer/Bidder states that it has not paid, given or donated or agreed to pay, give or donate to any City/Trust official, officer or employee of the City or awarding agency, any money or other thing of value, either directly or indirectly, in the procuring of the award of Agreement pursuant to this Proposal/Bid.

Witness the hands of the parties hereto:

The undersigned states that the Proposer/Bidder will be bound by its proposal/bid, the specification, the terms and conditions of the Agreement, and the Requirements for Proposer/Bidders.

→ → THIS FORM TO BE COMPLETED BY THE PROPOSER/BIDDER PRIOR TO AGREEMENT APPROVAL ← ←

JEFF ADAMS

Type Name of Authorized Agent/Representative

ENVIRONMENTAL IMPROVEMENTS, INC.

Company Name

755 W. COVELL, SUITE 170, EDMOND OK

Address

405-757-8000

Telephone Number and Fax Number, if any

VICE PRESIDENT

Title

73003

Zip Code

TO BE COMPLETED BY THE NOTARY:

State of *

OKLAHOMA

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) SSS

County of *

OKLAHOMA

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[*State and County where notarized must be typed in for bid/proposal to be considered.][SAK1]

Signed and sworn to before **17** day of **April,** **2024** by **Jeff Adams**
me on this
[Day] [Month] [Year] [Print the name of the
agent/representative who signed
above.]

My Commission Number: **23010846** **Esteban Jalaff**
[Oklahoma] Type Name of Notary Public
My Commission Expires: **8/11/2027**
[Date/Year]

[49 Okla. Stat. 2011 §119]

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(See Electronic Signatures in Global and National Commerce Act for more information.)

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Supplier: ENVIRONMENTAL IMPROVEMENTS, INC. (ei2)**BIDDER MUST ELECTRONICALLY COMPLETE THIS FORM PRIOR TO SUBMITTING BID****SUPPLIER CONTACT INFORMATION**

The purpose of this form is to assist various City Departments and Trusts with placing orders.

Sales Contact:

Company Name: ENVIRONMENTAL IMPROVEMENTS, INC.
Address: 755 W. Covell, Suite 170; Edmond, OK 73003
Contact Person: JEFF ADAMS Email Address: JADAMS@EI2WATER.COM
Telephone Number: 405-757-8000 Fax Number: 405-757-2347

Billing Contact:

Company Name: ENVIRONMENTAL IMPROVEMENTS, INC.
Address: 1183 BRITTMOORE SUITE 100, HOUSTON TX 77043
Contact Person: MARYLINE WILSON Email Address: MWILSON@EI2WATER.COM
Telephone Number: 972-436-2536 Fax Number: 972-436-8670

Service Contact:

Company Name: ENVIRONMENTAL IMPROVEMENTS, INC.
Address: 755 W COVELL, SUITE 170; EDMOND, OK 73003
Contact Person: JEFF ADAMS Email Address: JADAMS@EI2WATER.COM
Telephone Number: 405-757-8000 Fax Number: 405-757-2347

After Hours Emergency Number(s) 405-757-8000

After Hours Emergency Number(s)

After Hours Emergency Number(s)

After Hours Emergency Number(s) EI2Dallas

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/1/2025

12/21/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LOCKTON COMPANIES 5500 Wayzata Blvd., Suite 510 Minneapolis MN 55416 763-512-8600 kcasu@lockton.com	CONTACT NAME: PHONE (A/C, No. Ext): E-MAIL ADDRESS: INSURER(S) AFFORDING COVERAGE INSURER A: The Charter Oak Fire Insurance Company INSURER B: The Travelers Indemnity Company of Connecticut INSURER C: Travelers Property Casualty Company of America INSURER D: INSURER E: INSURER F:	FAX (A/C, No): NAIC # 25615 25682 25674
INSURED 1484349 ENVIRONMENTAL IMPROVEMENTS, INC. 1183 BRITTMORE ROAD HOUSTON TX 77043		

COVERAGES**CERTIFICATE NUMBER:** 17386795**REVISION NUMBER:** XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CONTRACTUAL LIAB <input checked="" type="checkbox"/> XCU COVERAGE INCL GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input checked="" type="checkbox"/> OTHER: \$10M TOTAL AGG	N	N	630-8T447641	1/1/2024	1/1/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	N	N	810-8T447604	1/1/2024	1/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	N	N	CUP-8T520916	1/1/2024	1/1/2025	EACH OCCURRENCE \$ 15,000,000 AGGREGATE \$ 15,000,000
C	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	UB-8T447769 AOS Except: AK,OH,WY,ND,WA	1/1/2024	1/1/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

See Attached

CERTIFICATE HOLDER**CANCELLATION****17386795**City of Oklahoma City;
OCWUT
420 W. Main Street, Suite 500
Oklahoma City OK 73102

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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The General Liability and Auto policies include a blanket automatic additional insured endorsement that provides additional insured status to the certificate holder only when there is a written contract between the named insured and the certificate holder that requires such status.

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**Bid Tabulation Packet
for
Solicitation OCWUT 36-24**

Fire Hydrants, Valves, Repair Kits, & Services

Bid Designation: Public



The City of
OKLAHOMA CITY

City of Oklahoma City and its Trusts

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ENVIRONMENTAL IMPROVEMENTS, INC. (ei2)

Bid Contact **JAIMIE ALEMOND**
mledger@ei2dallas.com
Ph 972-436-2536

Address **517 N KEALY**
LEWISVILLE, TX 76262

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch. Docs
OCWUT 36-24--01-01	Group 1: Traffic Model Fire Hydrants:Traffic Model Fire Hydrants depth of bury 3 foot				No Bids
OCWUT 36-24--01-02	Group 1: Traffic Model Fire Hydrants:Traffic Model Fire Hydrants depth of bury 4 foot				No Bids
OCWUT 36-24--01-03	Group 1: Traffic Model Fire Hydrants:Traffic Model Fire Hydrants depth of bury 4.5 foot				No Bids
OCWUT 36-24--01-04	Group 1: Traffic Model Fire Hydrants:Traffic Model Fire Hydrants depth of bury 5 foot				No Bids
OCWUT 36-24--01-05	Group 1: Traffic Model Fire Hydrants:Traffic Model Fire Hydrants depth of bury 6 foot				No Bids

			Lot Total	\$0.00		
Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch. Docs	

OCWUT 36-24--02-01	Group 2: Ductile Iron Bodied Butterfly Valves: with accessories 16 inch	Supplier Product Code: Supplier Notes: For Golden Anderson and Crispin. See Attached Price List. Add percent to List Price.	First Offer - 20.00%	1 / each	20.00%	Y	Y
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OCWUT 36-24--02-02	Group 2: Ductile Iron Bodied	Supplier Product Code:	First Offer - 20.00%	1 / each	20.00%	Y	
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OCWUT 000034

Butterfly Valves:
Butterfly valve
with accessories
18 inch

Supplier Notes: For
Golden Anderson and
Crispin. See Attached
Price List. Add percent to
List Price.

OCWUT 36-24-02-03	Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 20 inch	Supplier Product Code: Supplier Notes: For Golden Anderson and Crispin. See Attached Price List. Add percent to List Price.	First Offer - 20.00%	1 / each	20.00%	Y
OCWUT 36-24-02-04	Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 24 inch	Supplier Product Code: Supplier Notes: For Golden Anderson and Crispin. See Attached Price List. Add percent to List Price.	First Offer - 20.00%	1 / each	20.00%	Y

OCWUT 00034

OCWUT 36-24--02-05	Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 30 inch	Supplier Product Code: Supplier Notes: For Golden Anderson and Crispin. Buried Valves larger than 24" must be quoted by factory. See Attached Price List. Add percent to List Price.	First Offer - 20.00%	1 / each	20.00%	Y
OCWUT 36-24--02-06	Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 36 inch	Supplier Product Code: Supplier Notes: For Golden Anderson and Crispin. All Valves larger than 24" must be quoted from the factory. Add percent to List Price.	First Offer - 20.00%	1 / each	20.00%	Y
OCWUT 36-24--02-07	Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve	Supplier Product Code: Supplier Notes: For Golden Anderson and	First Offer - 20.00%	1 / each	20.00%	Y

OCWUT 00034

with accessories
48 inch

Crispin. All Valves larger
than 24" must be quoted
from the factory. Add
percent to List Price.

OCWUT 36-24--02-08	Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 6 inch - 56 inch	Supplier Product Code: Supplier Notes: For Golden Anderson and Crispin. All Valves larger than 24" must be quoted from the factory. Add percent to List Price.	First Offer - 20.00%	1 / each	20.00%	Y
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Lot Total **\$0.00**

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch. Docs
OCWUT 36-24--03-01	Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 2 inch				No Bids
OCWUT 36-24--03-02	Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 3 inch				No Bids
OCWUT 36-24--03-03	Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 4 inch				No Bids

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OCWUT 36-24--03-04 Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 6 inch No Bids

OCWUT 36-24--03-05 Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 8 inch No Bids

OCWUT 36-24--03-06 Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 10 inch No Bids

OCWUT 36-24--03-07 Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 12 inch No Bids

OCWUT 36-24--03-08 Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 14 inch No Bids

OCWUT 36-24--03-09 Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 16 inch No Bids

OCWUT 36-24--03-10 Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 18 inch No Bids

OCWUT 36-24--03-11 Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves:Gate Valve complete with accessories 20 inch - 56 inch No Bids

Lot Total \$0.00

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch. Docs
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OCWUT 36-24--04-01 Group 4:
Mechanical Joint
Valves:ABZ
Mastergear Valve
Operators and
Valves No Bids

OCWUT 36-24--04-02 Group 4:
Mechanical Joint
Valves:Allis
Chalmers Valve
Operators and
Valves No Bids

OCWUT 36-24

OCWUT 36-24-04-03	Group 4: Mechanical Joint Valves: American Valves	No Bids				
OCWUT 36-24-04-04	Group 4: Mechanical Joint Valves: APCO Valves	No Bids				
OCWUT 36-24-04-05	Group 4: Mechanical Joint Valves: ARI - Air Relief Valves	Supplier Product Code:	First Offer - 20.00%	1 / each	20.00%	Y
		Supplier Notes: Please include Golden Anderson Air Release Valves in this section. See Attached Price Lists. Add percent to List Price.				
OCWUT 36-24-04-06	Group 4: Mechanical Joint Valves: ASCO Valves	Supplier Product Code:	First Offer - 20.00%	1 / each	20.00%	Y
		Supplier Notes: ASCO Solenoid Valves. Add percent to List Price.				
OCWUT 36-24-04-07	Group 4: Mechanical Joint Valves: ASCO: 1- way, normally closed	Supplier Product Code:	First Offer - 20.00%	1 / each	20.00%	Y
		Supplier Notes: ASCO Solenoid Valves. Add percent to List Price.				
OCWUT 36-24-04-08	Group 4: Mechanical Joint Valves: ASCO: 1- way, normally open	Supplier Product Code:	First Offer - 20.00%	1 / each	20.00%	Y
		Supplier Notes: ASCO Solenoid Valves. Add percent to List Price.				
OCWUT 36-24-04-09	Group 4:	Supplier Product Code:	First Offer - 20.00%	1 / each	20.00%	Y

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Mechanical Joint
Valves: ASCO: 3-
way, 2 position

Supplier Notes: ASCO
Solenoid Valves. Add
percent to List Price.

OCWUT 36-24--04-10	Group 4: Mechanical Joint Valves: ASCO: 4- way, 2 position	Supplier Product Code: Supplier Notes: ASCO Solenoid Valves. Add percent to List Price.	First Offer - 20.00%	1 / each	20.00%	Y
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OCWUT 36-24--04-11	Group 4: Mechanical Joint Valves:Auma valves and operators				No Bids	
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OCWUT 36-24--04-12	Group 4: Mechanical Joint Valves:Bailey Valve Positioners				No Bids	
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OCWUT 36-24--04-13	Group 4: Mechanical Joint Valves:Bermed Valve, Parts, and Controls				No Bids	
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OCWUT 36-24--04-14	Group 4: Mechanical Joint Valves:Chapman Valve Operators and Valves				No Bids	
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OCWUT 36-24--04-15	Group 4: Mechanical Joint Valves: Check Valves 4 inch to 24 inch flanged	Supplier Product Code: Supplier Notes: Attached are Golden Anderson Check Valves. See Attached Price Lists. Add percent to List Price.	First Offer - 20.00%	1 / each	20.00%	Y
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OCWUT 36-24-04-16	Group 4: Mechanical Joint Valves:Cla-val Altitude Valves	No Bids
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OCWUT 36-24-04-17	Group 4: Mechanical Joint Valves:Cla-val Globe Valves	No Bids
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OCWUT 36-24-04-18	Group 4: Mechanical Joint Valves:Cla-val Pump Control Valves - Booster Type	No Bids
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OCWUT 36-24-04-19	Group 4: Mechanical Joint Valves:Cla-val Pilot Valves, 4 inch to 12 inch	No Bids
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OCWUT 36-24-04-20	Group 4: Mechanical Joint Valves:Cla-Val Replacement Parts/Kits	No Bids
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OCWUT 36-24-04-21	Group 4: Mechanical Joint Valves:Cla-val Valves, Parts, and Controls	No Bids
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OCWUT 36-24-04-22	Group 4: Mechanical Joint Valves:Cla-val Needle Valve Assemblies	No Bids
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OCWUT 36-24-04-23	Group 4: Mechanical Joint Valves:Cla-val flow clean strainer, straight & angled, x47 model	No Bids
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OCWUT 36-24-04-24	Group 4: Mechanical Joint	No Bids
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Valves:Cla-val
model x105L,
x105L2, limit
switch
assemblies

OCWUT 36-24-04-25	Group 4: Mechanical Joint Valves:Cla-val 3/8 inch to 24 inch pressure relief/control valves	No Bids
OCWUT 36-24-04-26	Group 4: Mechanical Joint Valves:Cla-val solenoid control valves	No Bids
OCWUT 36-24-04-27	Group 4: Mechanical Joint Valves:Clayton valve operators, positioners, and valves	No Bids
OCWUT 36-24-04-28	Group 4: Mechanical Joint Valves:Clow Valves	No Bids
OCWUT 36-24-04-29	Group 4: Mechanical Joint Valves:Clow Valves, 6 inch to 12 inch, flanged	No Bids
OCWUT 36-24-04-30	Group 4: Mechanical Joint Valves: Crispen Valves	Supplier Product Code: Supplier Notes: See Attached Price List. Add percent to list price.
OCWUT 36-24-04-31	Group 4: Mechanical Joint Valves:Darling gate valves 4 inch to 24 inch, flanged	No Bids

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OCWUT 36-24-04-32	Group 4: Mechanical Joint Valves:Darling valve operators and valves	No Bids
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OCWUT 36-24-04-33	Group 4: Mechanical Joint Valves:DeZurik Valves	No Bids
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OCWUT 36-24-04-34	Group 4: Mechanical Joint Valves:EIM Valve Operators	No Bids
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OCWUT 36-24-04-35	Group 4: Mechanical Joint Valves: Golden Anderson Valves	Supplier Product Code:	First Offer - 20.00%	1 / each	20.00%	Y
		Supplier Notes: See Attached Price Lists. Add percent to List Price.				

OCWUT 36-24-04-36	Group 4: Mechanical Joint Valves:Hydro Gate Valves	No Bids
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OCWUT 36-24-04-37	Group 4: Mechanical Joint Valves:Kennedy Valves 6 inch to 24 inch	No Bids
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OCWUT 36-24-04-38	Group 4: Mechanical Joint Valves:Keystone valve operators and valves	No Bids
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OCWUT 36-24-04-39	Group 4: Mechanical Joint Valves: Kinetrol Pneumatic Valve Operators	Supplier Product Code:	First Offer - 20.00%	1 / each	20.00%	Y
		Supplier Notes: Add percent to List Price.				

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OCWUT 36-24--04-40	Group 4: Mechanical Joint Valves:Kunkle Valves	No Bids
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OCWUT 36-24--04-41	Group 4: Mechanical Joint Valves:Kytronics Valves Positioners	No Bids
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OCWUT 36-24--04-42	Group 4: Mechanical Joint Valves:Limitorque Valve Positioners	No Bids
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OCWUT 36-24--04-43	Group 4: Mechanical Joint Valves:Ludlow Valves	No Bids
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OCWUT 36-24--04-44	Group 4: Mechanical Joint Valves:Mercoid: Pressure Adjustment Switches	No Bids
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OCWUT 36-24--04-45	Group 4: Mechanical Joint Valves:Miller Valve Operators	No Bids
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OCWUT 36-24--04-46	Group 4: Mechanical Joint Valves:Mueller Valve Operators	No Bids
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OCWUT 36-24--04-47	Group 4: Mechanical Joint Valves:Parker Hannifir Valve Operators	No Bids
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OCWUT 36-24--04-48	Group 4: Mechanical Joint Valves:Pratt Butterfly Valves 4	No Bids
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inch to 24 inch,
flanged

OCWUT 36-24--04-49	Group 4: Mechanical Joint Valves:Pratt Butterfly Valves 4 inch to 24 inch, non-flanged	No Bids
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OCWUT 36-24--04-50	Group 4: Mechanical Joint Valves:Pratt Valve Operators and Valves	No Bids
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OCWUT 36-24--04-51	Group 4: Mechanical Joint Valves:Rensselaer check valves 6 inch to 20 inch, flanged	No Bids
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OCWUT 36-24--04-52	Group 4: Mechanical Joint Valves: Rodney Hunt Valves	Supplier Product Code:	First Offer - 20.00%	1 / each	20.00%	Y
		Supplier Notes: We are the exclusive manufacturers representative for Rodney Hunt in the Sate of Oklahoma. Due to market prices of materials such as stainless steel, all quotes must be made by the factory at the time of request. Add percent to List Price.				

OCWUT 36-24--04-53	Group 4: Mechanical Joint Valves:Ross Valves	No Bids
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OCWUT 36-24--04-54	Group 4: Mechanical Joint	Supplier Product Code:	First Offer - 20.00%	1 / each	20.00%	Y
		Supplier Notes: We are				

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Valves: Rototork: the exclusive
Valve Actuators manufacturers
representative for Rotork
in the Sate of Oklahoma. I
have provided letters in
years past stating this for
the City of Oklahoma City.
Each price must be
quoted by the
manufacturer at the time
of request due to the fact
that each actuator is
substantially different
depending on valve size,
power requirements,
mounting requirements,
etc. Add percent to List
Price.

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OCWUT 36-24--04-55	Group 4: Mechanical Joint Valves: Sluice Gate Valves	Supplier Product Code: Supplier Notes: We are the exclusive manufacturers representative for both Rodney Hunt and Fontaine. Both are sluice gate manufacturers for which the City of Oklahoma City possesses. As stated before, these quotes will have to be made at the time of request due to the variability of material costs. Add percent to List Price.	First Offer - 20.00%	1 / each	20.00%	Y
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OCWUT 36-24--04-56 Group 4:
Mechanical Joint

No Bids

Valves:Val-matic
Valves

OCWUT 36-24-04-57	Group 4: Mechanical Joint Valves:Verse Valve Operators	No Bids
OCWUT 36-24-04-58	Group 4: Mechanical Joint Valves:Xomox Valves	No Bids
Lot Total		\$0.00
Item #	Line Item	Notes Unit Price Qty/Unit Attch. Docs
OCWUT 36-24-05-01	Group 5: Hydrant and Valve Repair Parts:American Darling Model B-62 Repair Parts, Tools, and/or Accessories	No Bids
OCWUT 36-24-05-02	Group 5: Hydrant and Valve Repair Parts:American Darling Model B-84 Repair Parts, Tools, and/or Accessories	No Bids
OCWUT 36-24-05-03	Group 5: Hydrant and Valve Repair Parts:American Darling Gate and Tapping Valve Repair Parts	No Bids
OCWUT 36-24-05-04	Group 5: Hydrant and Valve Repair Parts:Mueller A-423 Centurion Repair Parts, Tools, and Accessories	No Bids
OCWUT 36-24-05-05	Group 5: Hydrant and Valve Repair Parts:Mueller Valve Operators, Gate, and Tapping Valves	No Bids
OCWUT 36-24-05-06	Group 5: Hydrant and Valve Repair Parts:U.S. Pipe Gate and Tapping Valves Repair Parts, Tools, & Accessories	No Bids
OCWUT 36-24-05-07	Group 5: Hydrant and Valve Repair Parts:U.S. Pipe Metro Large Barrel Pre-1994 Repair Parts, Tools, & Accessories	No Bids
OCWUT 36-24-05-08	Group 5: Hydrant and Valve Repair Parts:U.S. Pipe Metro Small Barrel Pre-1994 Repair Parts, Tools, & Accessories	No Bids
OCWUT 36-24-05-09	Group 5: Hydrant and Valve Repair Parts:U.S. Pipe Sentinel Repair Parts, Tools, & Accessories	No Bids

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OCWUT 36-24--05-10	Group 5: Hydrant and Valve Repair Parts:M&H 129 Reliant Repair Parts, Tools, & Accessories	No Bids
OCWUT 36-24--05-11	Group 5: Hydrant and Valve Repair Parts:M&H Gate and Tapping Valve Repair Parts	No Bids
OCWUT 36-24--05-12	Group 5: Hydrant and Valve Repair Parts:Clow F2500 Repair Parts, Tools, and Accessories	No Bids
OCWUT 36-24--05-13	Group 5: Hydrant and Valve Repair Parts:Clow Gate and Tapping Valve Repair Parts, Tools, & Accessories	No Bids
OCWUT 36-24--05-14	Group 5: Hydrant and Valve Repair Parts:Clow Medallion Repair Parts, Tools, & Accessories	No Bids
OCWUT 36-24--05-15	Group 5: Hydrant and Valve Repair Parts:Kennedy Gate and Tapping Valve Repair Parts, Tools, & Accessories	No Bids
OCWUT 36-24--05-16	Group 5: Hydrant and Valve Repair Parts:Kennedy K-81 Guardian Repair Parts, Tools, & Accessories	No Bids
OCWUT 36-24--05-17	Group 5: Hydrant and Valve Repair Parts:Pratt Butterfly Valves Repair Parts, Tools, & Accessories	No Bids
OCWUT 36-24--05-18	Group 5: Hydrant and Valve Repair Parts:Vertical shoe for hydrants	No Bids
OCWUT 36-24--05-19	Group 5: Hydrant and Valve Repair Parts:EJ (East Jordan) Watermaster 5CD250 Repair, parts, Tools, and/or Accessories	No Bids
OCWUT 36-24--05-20	Group 5: Hydrant and Valve Repair Parts:EJ (East Jordan) Flowmaster RW Repair, Parts, Tools, & Accessories	No Bids

Lot Total \$0.00

Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch. Docs
OCWUT 36-24--06-01	Group 6: Shop Labor: Shop Labor	Supplier Product Code: Supplier Notes: We provide service for all items bid within.	First Offer - \$200.00	1 / hour	\$200.00 Y

OCWUT 36-24--06-02	Group 6: Shop Labor: Shop Labor	Supplier Product Code:	First Offer - \$200.00	1 / hour	\$200.00	Y
		Supplier Notes: We provide service for all items bid within.				

				Lot Total	\$400.00	
Item #	Line Item	Notes	Unit Price	Qty/Unit	Attch.	Docs
OCWUT 36-24--07-01	Group 7: Federal Acquisition Regulations: Federal Acquisition Regulations	Supplier Product Code:	First Offer -	1 / each		Y
		Supplier Notes: Yes				
				Lot Total	\$0.00	

OCWUT 00034

ENVIRONMENTAL IMPROVEMENTS, INC. (ei2)

Item: **Group 2: Ductile Iron Bodied Butterfly Valves:Butterfly valve with accessories 16 inch**

Attachments

EI2 OKC Bid No. OCWUT 36-24 - Bid Packet.pdf

OCWUT
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Environmental Improvements, Inc.

Bid No. OCWUT 36-24

Fire Hydrants, Valves, Repair Kits, & Service

Bid Package

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VAG USA, LLC
234 Clay Avenue • Mars, PA 16046
PHONE: 724-776-1020 • FAX: 724-776-1254
[Info-ga@vag-group.com](mailto:info-ga@vag-group.com)
www.gaindustries.com

PRICE LIST AVPL-0523B

Effective May 1, 2023
(Replaces AVPL-0523A)

AUTOMATIC AIR VALVES

Air Release Valves
Air & Vacuum Valves
Combination Air Valves
Vacuum Breaking Valves

For Water, Sewage and Wastewater Applications

VAG Terms and Conditions Apply: <https://gaindustries.com/terms>

Payment Terms	Net 30 Days from invoice with approved credit
Prices	Prices are Ex-Works (FOB Factory), domestic pack, exclusive of taxes
Request for Quote	E-mail requests for quotes to: quotes-ga@vag-group.com . Include applicable specifications and valve list with size and quantity.
Orders	Orders accepted by the factory may not be cancelled or shipment deferred without prior written consent and shall be subject to cancellation charges. Add-ons to existing orders only with factory approval. E-mail orders to: orders-ga@vag-group.com
Returns	New and unused material will be accepted for return only if accompanied by a "Return Authorization Number" issued by the factory and clearly indicated on the return shipping label and/or packing list. All returns must be pre-paid and may be subject to a re-stocking charge.
Shipments	Orders meeting "freight allowed" minimums must be dispatched in a in single shipment in a box truck to a single destination. Customer directed partial shipments and/or open top trucks may incur additional charge.
Claims	All claims for shortages and/or damage MUST be made in writing within five (5) days after receipt of shipment.
Warranty	All products are covered by VAG USA LLC Standard Warranty, which can be found at https://gaindustries.com/terms
AMERICAN IRON & STEEL (AIS)	This price list does not apply to "AIS or BABA Compliant" air valves. GA Industries AIS and BABA compliant air valves are available, consult factory for price.

Revised 5-22-23

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Type	Figure Number	Description	Page
Clean Water Air Release valves	905	Minimatic Compact Air Release Valves	1
	910	Discontinued - Use Figure 912	
	912	Simple Lever Air Release Valves	1
	920	Compound Lever Air Release Valves	1
	922	High Capacity Compound Lever Air Release Valves	1
	923	Super High Capacity Compound Lever Air Release Valves	1
Clean Water Air & Vacuum Valves	930	Kinetic Air & Vacuum Valves	1
	931	Kinetic Air & Vacuum Valves with Anti-Slam Surge Check	2
	933	Kinetic Air & Vacuum Valves with Double Acting Throttle Device	2
Clean Water Combination Air Valves	945	Single Body Combination Air Valve	3
	945SS	316SS Single Body Combination Air Valve	3
	950	Dual Body Combination Air Valve	4
	960	Single Body Combination Air Valve	3
	980	Single Body Combination Air Valve with Anti-Slam Surge Check	5
	983	Dual Body Combination Air Valve with Anti-Slam Surge Check	6
Sewage & Wastewater Air Release Valves	925	Standard Body Sewage Air Release Valve	7
	927	High Capacity Sewage Air Release Valves	7
	929	Short Body Sewage Air Release Valve	7
Sewage & Wastewater Air Vacuum Valves	935	Standard Body Sewage Air vacuum Valve	7
	939	Short Body Sewage Air Vacuum Valve	7
Sewage & Wastewater Combination Air Valves	942	Single Body Sewage Combination Air Valve	8
	955	Dual Body Sewage Combination Air Valves	8
	957	Dual Body Sewage Combination Air Valves w/ High Capacity Air Release	8
	959	Dual Short Body Sewage Combination Air Valve	8
Durovent All Stainless Steel Sewage & Wastewater Air Valves	925SS	DuroVent All Stainless Steel Sewage Air Release Valve	9
	927SS	DuroVent All Stainless Steel High Capacity Sewage Air Release Valve	9
	929SS	DuroVent All Short Body Stainless Steel Sewage Air Release Valve	9
	935SS	DuroVent All Stainless Steel Sewage Air Vacuum Valve	9
	939SS	DuroVent All Short Body Stainless Steel Sewage Air Vacuum Valve	9
	942SS	DuroVent All Stainless Steel Sewage Combination Air Valve	9
	955SS	DuroVent Dual Body All Stainless Steel Sewage Combination Air Valve	10
	959SS	DuroVent Dual Short Body All Stainless Steel Sewage Combination Air Valve	10
Vacuum Breaking Valves	990	Clean Water Vacuum Breaking Valves	11
	991	Sewage Vacuum Breaking Valves	11
	992	Clean Water Vacuum Breaking & Slow Air Release Valves	11
	993	Sewage Vacuum Breaking & Slow Air Release Valves	11
		Water & Sewage Air Release Valve Numbering System, Options & Availability	12
		Water Air & Vacuum Valve Numbering System, Options & Availability	13
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		Sewage Combination Air Valve Numbering System, Options & Availability	16

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Air Release Valves for Clean Water

Cast Iron Body & Cover, 316SS Float and Linkage Mechanism, Buna-N Seat, Plated Steel Fasteners

Figure Number	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Wgt., Lbs.	Add to List Price of Base Valve				
							VC	IV	OC	P2	
905	01.00-A905-T-00	½", ¾", 1" NPT*	¼" NPT	150 PSI	\$ 144	5	\$ 255	\$ 195	\$ 113	\$ 99	
905H	01.00-A905H-T-00	½", ¾", 1" NPT*	¼" NPT	200 PSI							
912	01.00-A912-T-00	½", ¾", 1" NPT*	¾" NPT	150 PSI	\$ 237	8	\$ 255	\$ 195	\$ 113	\$ 99	
912H	01.00-A912H-T-00	½", ¾", 1" NPT*	¾" NPT	300 PSI							
920	01.00-920-T-00	1" NPT	½" NPT	150 PSI	\$ 477	24	\$ 315	\$ 195	\$ 113	\$ 99	
	02.00-920-T-00	2" NPT	½" NPT					\$ 356			
920H	01.00-920H-T-00	1" NPT	½" NPT	300 PSI	\$ 511			\$ 195			
	02.00-920H-T-00	2" NPT	½" NPT					\$ 356			
922	02.00-922-T-00	2" NPT	½" NPT	150 PSI	\$ 1,037 \$ 1,126	45	\$ 315	\$ 356	\$ 113	\$ 112	
	03.00-922-T-00	3" NPT	½" NPT					\$ 1,288			
922H	02.00-922H-T-00	2" NPT	½" NPT	300 PSI	\$ 1,067 \$ 1,171			\$ 356			
	03.00-922H-T-00	3" NPT	½" NPT					\$ 1,288			
923-D	04.00-923-T-12	4" Class 125	1" NPT	150 PSI	\$ 3,267	100	\$ 337	\$ 1,078	\$ 166	\$ 236	
	06.00-923-T-12	6" Class 125	1" NPT		\$ 9,996	320		\$ 1,636			
923H-U	04.00-923H-T-25	4" Class 250	1" NPT	300 PSI	\$ 3,920	120		Not Available			\$ 286
	06.00-923H-T-25	6" Class 250	1" NPT		\$ 12,094	335					

*Tapped 1" NPT and supplied with reducing bushings for smaller sizes

Air & Vacuum Valves for Clean Water

Cast Iron Body & Cover, 316SS Float and Buna-N Seat, Plated Steel Fasteners

Figure Number	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Wgt., Lbs.	Add to List Price of Base Valve		
							IV	OC	P2
930	00.50-930-T-00	½" NPT	½" NPT	300 PSI	\$ 334	10	\$ 175	\$ 141	\$ 82
	00.75-930-T-00	¾" NPT	¾" NPT		\$ 369	10	\$ 185	\$ 151	\$ 82
	01.00-930-T-00	1" NPT	1" NPT		\$ 401	10	\$ 195	\$ 166	\$ 82
	02.00-930-T-00	2" NPT	2" NPT		\$ 690	20	\$ 356	\$ 282	\$ 93
	03.00-930-T-00	3" NPT	3" NPT		\$ 967	40	\$ 1,288	\$ 388	\$ 103
930-DT	03.00-930-T-12	3" Class 125	3" NPT	150 PSI	\$ 1,255	52	\$ 1,047	\$ 388	\$ 103
	04.00-930-T-12	4" Class 125	4" NPT		\$ 1,586	85	\$ 1,078	\$ 449	\$ 153
	06.00-930-T-12-TO	6" Class 125	6" NPT		\$ 3,096	160	\$ 1,636	Not Applicable	\$ 295
	08.00-930-T-12-TO	8" Class 125	8" NPT		\$ 3,861	320	\$ 2,199	Not Applicable	\$ 473
930-UT	03.00-930-T-25	3" Class 250	3" NPT	300 PSI	\$ 1,697	59	Not Available	\$ 388	\$ 103
	04.00-930-T-25	4" Class 250	4" NPT		\$ 2,143	95		\$ 449	\$ 153
	06.00-930-T-25-TO	6" Class 250	6" NPT		\$ 4,098	210		Not Applicable	\$ 295
	08.00-930-T-25-TO	8" Class 125	8" NPT		\$ 5,210	350		Not Applicable	\$ 473
930-DC	06.00-930-T-12	6" Class 125	COWL	150 PSI	\$ 3,096	175	\$ 1,636	Standard	\$ 459
	08.00-930-T-12	8" Class 125	COWL		\$ 3,861	335	\$ 2,199		\$ 695
	10.00-930-T-12	10" Class 125	COWL		\$ 7,283	475	\$ 2,969		\$ 984
	12.00-930-T-12	12" Class 125	COWL		\$ 12,463	675	\$ 3,578		\$ 1,493
930-UC	06.00-930-T-25	6" Class 250	COWL	300 PSI	\$ 4,098	195	Not Available	Standard	\$ 459
	08.00-930-T-25	8" Class 250	COWL		\$ 5,210	365			\$ 695
	10.00-930-T-25	10" Class 250	COWL		\$ 10,027	510			\$ 984
	12.00-930-T-25	12" Class 250	COWL		\$ 16,833	725			\$ 1,493
930-DJ	06.00-930-T-12-FO	6" Class 125	6" CL125	150 PSI	\$ 2,832	165	\$ 1,636	Not Applicable	\$ 295
	08.00-930-T-12-FO	8" Class 125	8" CL125		\$ 3,520	320	\$ 2,199		\$ 473
	10.00-930-T-12-FO	10" Class 125	10" CL125		\$ 6,866	450	\$ 2,969		\$ 658
	12.00-930-T-12-FO	12" Class 125	12" CL125		\$ 11,977	635	\$ 3,578		\$ 891
930-UJ	06.00-930-T-25-FO	6" Class 250	6" CL125	300 PSI	\$ 3,833	185	Not Available	Not Applicable	\$ 295
	08.00-930-T-25-FO	8" Class 250	8" CL125		\$ 4,869	350			\$ 473
	10.00-930-T-25-FO	10" Class 250	10" CL125		\$ 9,611	485			\$ 658
	12.00-930-T-25-FO	12" Class 250	12" CL125		\$ 16,347	685			\$ 891

Append Option Code(s) to Base Valve Model Number and add option price(s) to Base Valve list price. See Page 12 - ARV Numbering System or Page 13 - AVV Numbering System for Option Definitions and Availability.

Anti-Slam Air & Vacuum Valves with Surge Check for Clean Water

Cast Iron Body & Cover, 316SS Float and Buna-N Seat, Plated Steel Fasteners

Figure Number	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Wgt., Lbs.	Add to List Price of Base Valve		
							IV (Note 2)	OC	P2 (Note 3)
931	01.00-931-T-00	1" NPT	1" NPT	300 PSI	\$ 911	15	\$ 195	\$ 166	\$ 82
	02.00-931-T-00	2" NPT	2" NPT		\$ 1,263	25	\$ 356	\$ 282	\$ 93
	03.00-931-T-00	3" NPT	3" NPT		\$ 2,989	60	\$ 1,288	\$ 388	\$ 103
931-DT	03.00-931-T-12	3" Class 125	3" NPT	150 PSI	\$ 3,102	85	\$ 1,047	\$ 388	\$ 103
	04.00-931-T-12	4" Class 125	4" NPT		\$ 3,965	135	\$ 1,078	\$ 449	\$ 153
	06.00-931-T-12-TO	6" Class 125	6" NPT		\$ 6,414	255	\$ 1,636	Not Applicable	\$ 295
	08.00-931-T-12-TO	8" Class 125	8" NPT		\$ 8,976	440	\$ 2,199		\$ 473
931-DC	06.00-931-T-12	6" Class 125	COWL	150 PSI	\$ 6,414	255	\$ 1,636	Standard	\$ 459
	08.00-931-T-12	8" Class 125	COWL		\$ 8,976	455	\$ 2,199		\$ 695
	10.00-931-T-12	10" Class 125	COWL		\$ 15,395	675	\$ 2,969		\$ 984
	12.00-931-T-12	12" Class 125	COWL		\$ 28,588	995	N/A		\$ 1,493
931-DJ	06.00-931-T-12-FO	6" Class 125	6" CL125	150 PSI	\$ 6,150	165	\$ 1,636	Not Applicable	\$ 295
	08.00-931-T-12-FO	8" Class 125	8" CL125		\$ 8,635	320	\$ 2,199		\$ 473
	10.00-931-T-12-FO	10" Class 125	10" CL125		\$ 14,978	450	\$ 2,969		\$ 658
	12.00-931-T-12-FO	12" Class 125	12" CL125		\$ 28,101	635	N/A		\$ 891

NOTES

- Figure 931 is made up of a Figure 930 Air & Vacuum Valve and a Figure 284T Brass Surge Check. Figure 931-D are made up of a Figure 930-D Air & Vacuum Valve and a Figure F284 Surge Check, factory installed on the inlet of the air valve using zinc plated steel bolts and nuts. See page 5 for price of Figure 284T and F284 sold separately.
- Inlet isolating valve for Figure 931 with NPT ends is lead-free bronze lever operated ball valve. Inlet isolating valve for Class 125 flanged inlet Figure 931 is an AWWA butterfly valve (not available for 12" size)..
- Option P2 for NPT valves is internal and external epoxy coated Figure 930 air vacuum valve. Option P2 for flanged valves is internal and external epoxy coated air vacuum valve and surge check mounted using 316SS bolts/nuts
- Append Option Code(s) to Base Valve Model Number and add option price(s) to Base Valve list price. See Page 13 - AVV Numbering System for Option Definitions and Availability.

Deep Well Air & Vacuum Valves with Double Acting Throttle Device for Clean Water

Cast Iron Body & Cover, 316SS Float and Buna-N Seat, Plated Steel Fasteners

Figure Number	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Wgt., Lbs.	Add to List Price of Base Valve	
							IV	P2
933	00.50-933-T-00	½" NPT	½" NPT	300 PSI	\$ 536	15	\$ 175	\$ 82
	00.75-933-T-00	¾" NPT	¾" NPT		\$ 577	15	\$ 185	\$ 82
	01.00-933-T-00	1" NPT	1" NPT		\$ 626	15	\$ 195	\$ 82
	02.00-933-T-00	2" NPT	2" NPT		\$ 997	25	\$ 356	\$ 93
	03.00-933-T-00	3" NPT	3" NPT		\$ 1,478	60	\$ 1,288	\$ 103
933-D	03.00-933-T-12	3" Class 125	3" NPT	150 PSI	\$ 1,766	85	\$ 1,047	\$ 103
	04.00-933-T-12	4" Class 125	4" NPT		\$ 2,830	135	\$ 1,078	\$ 153
933-U	03.00-933-T-25	3" Class 250	3" NPT	300 PSI	\$ 2,208	100	Not Available	\$ 103
	04.00-933-T-25	4" Class 250	4" NPT		\$ 3,387	150		\$ 153

NOTES

- Figure 933 is made up of a Figure 930 Air & Vacuum valve and a Model DAT "Double Acting Throttle Device" factory installed in air valve outlet
- Inlet isolating valve for Figure 933 with NPT ends is lead-free bronze lever operated ball valve. Inlet isolating valve for Class 125 flanged inlet Figure 933 is an AWWA butterfly valve.
- Append Option Code(s) to Base Valve Model Number and add option price(s) to Base Valve Model list price. See Page 13 - AVV Numbering System for Option Definitions and Availability.

Single Body Combination Air Valves**Cast Iron Body & Cover, 316SS Floats and Linkage, Buna-N Seats, Plated Steel Fasteners**

Figure Number	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Add to List Price of Base Valve			
							IV (Note 1)	OC	P2	EC
A945	01.00-A945-T-00	½", ¾", 1" NPT*	1" NPT	150 PSI	\$ 537	16	\$ 195	\$ 166	\$ 133	\$ 348
A945H	01.00-A945H-T-00			300 PSI						
945	02.00-945-T-00	2" NPT	2" NPT	150 PSI	\$ 807	30	\$ 356	\$ 282	\$ 133	\$ 348
	03.00-945-T-00	3" NPT	3" NPT		\$ 1,577	65	\$ 1,288	\$ 388	\$ 149	\$ 760
	04.00-945-T-00	4" NPT	4" NPT		\$ 2,292	120	N/A	\$ 449	\$ 174	\$ 973
945H	02.00-945H-T-00	2" NPT	2" NPT	300 PSI	\$ 807	30	\$ 356	\$ 282	\$ 133	\$ 348
	03.00-945H-T-00	3" NPT	3" NPT		\$ 1,577	65	\$ 1,288	\$ 388	\$ 149	\$ 760
	04.00-945H-T-00	4" NPT	4" NPT		\$ 2,292	120	N/A	\$ 449	\$ 174	\$ 973
945-D	03.00-945-T-12	3" Class 125	3" NPT	150 PSI	\$ 1,689	75	\$ 1,047	\$ 388	\$ 149	\$ 760
	04.00-945-T-12	4" Class 125	4" NPT		\$ 2,308	82	\$ 1,078	\$ 449	\$ 174	\$ 973
945H-U	03.00-945H-T-25	3" Class 250	3" NPT	300 PSI	\$ 1,934	85	Not Available	\$ 388	\$ 149	\$ 760
	04.00-945H-T-25	4" Class 250	4" NPT		\$ 2,819	97	Available	\$ 449	\$ 174	\$ 973
960-D	06.00-960-T-12	6" Class 125	COWL	150 PSI	\$ 4,014	200	\$ 1,636	Standard	\$ 558	POA
	08.00-960-T-12	8" Class 125	COWL		\$ 4,958	360			\$ 793	POA
	10.00-960-T-12	10" Class 125	COWL		\$ 8,895	500			\$ 1,219	POA
	12.00-960-T-12	12" Class 125	COWL		\$ 14,852	650			\$ 1,743	POA
960H-U	06.00-960H-T-25	6" Class 250	COWL	300 PSI	\$ 4,769	220	Not Available	Standard	\$ 558	POA
	08.00-960H-T-25	8" Class 250	COWL		\$ 6,307	390			\$ 793	POA
	10.00-960H-T-25	10" Class 250	COWL		\$ 11,445	535			\$ 1,219	POA
	12.00-960H-T-25	12" Class 250	COWL		\$ 19,214	700			\$ 1,743	POA

*Tapped 1" NPT and supplied with reducing bushings for smaller sizes

Fusion Bond Epoxy Lined & Coated Cast Iron Body & Cover, 316SS Floats and Linkage, EPDM Seats, 316 SS Fasteners

Figure Number	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Add to List Price of Base Valve			
							IV (Note 1)	OC	P2	EC
945E (Note 1)	01.00-945-T-00-EC-EP	1" NPT	1" NPT	150 PSI	\$ 885	16	\$ 195	\$ 166	Not Applicable	
	02.00-945-T-00-EC-EP	2" NPT	2" NPT		\$ 1,154	30	\$ 356	\$ 282		
	03.00-945-T-00-EC-EP	3" NPT	3" NPT		\$ 2,336	65	\$ 1,288	\$ 388		
	04.00-945-T-00-EC-EP	4" NPT	4" NPT		\$ 3,266	120	N/A	\$ 449		
945HE (Note 1)	01.00-945H-T-00-EC-EP	1" NPT	1" NPT	300 PSI	\$ 885	16	\$ 195	\$ 166		
	02.00-945H-T-00-EC-EP	2" NPT	2" NPT		\$ 1,154	30	\$ 356	\$ 282		
	03.00-945H-T-00-EC-EP	3" NPT	3" NPT		\$ 2,336	65	\$ 1,288	\$ 388		
	04.00-945H-T-00-EC-EP	4" NPT	4" NPT		\$ 3,266	120	N/A	\$ 449		

DUROVENT All Stainless Steel Single Body Combination Air Valves for Water**316SS Body & Cover, 316SS Float, Internal Linkage and External Fasteners, Buna-N Seat**

Figure Number	Base Valve Part Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Wgt., Lbs.	Add to List Price of Base Valve		
							IV (Note 1)	OC	P2
945SS	01.00-945-T-00-S4	½", ¾", 1" NPT*	1" NPT	150 PSI	\$ 2,215	16	\$ 562	\$ 166	N/A
945SSH	01.00-945H-T-00-S4	½", ¾", 1" NPT*	1" NPT	300 PSI	\$ 2,215	16	\$ 562	\$ 166	N/A

*Tapped 1" NPT and supplied with reducing bushings for smaller sizes

NOTES

- Inlet isolating valve for Figure 945 with NPT ends s lead-free bronze lever operated ball valve. Inlet isolating valve for Class 125 flanged inlet Figure 945 or 960 is AWWA lever operated butterfly valve. Inlet isolating valve for Figure 945SS is stainless steel ball valve.
- Append Option Code(s) to Base Valve Model Number and add option price(s) to Base Valve Model list price. See Page 14 - CAV Numbering System for Option Definitions and Availability.
- See page 5 for price of Model DAT Double Acting Throttle Device or Figure F284 Surge Check and add to price of above valve if needed.

Dual Body Combination Air Valves for Water

Cast Iron Body & Cover, 316SS Floats and Linkage, Buna-N Seats, Plated Steel Fasteners

Figure Number	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Add to List Price of Base Valve		
							IV (Note 1)	OC	P2
950	01.00-950-T-00	1" NPT	1" NPT	150 PSI	\$ 617	15	\$ 195	\$ 166	\$ 181
	02.00-950-T-00	2" NPT	2" NPT		\$ 906	25	\$ 356	\$ 282	\$ 192
	03.00-950-T-00	3" NPT	3" NPT		\$ 1,397	45	\$ 1,288	\$ 388	\$ 201
950H	01.00-950H-T-00	1" NPT	1" NPT	300 PSI	\$ 617	15	\$ 195	\$ 166	\$ 181
	02.00-950H-T-00	2" NPT	2" NPT		\$ 906	25	\$ 356	\$ 282	\$ 192
	03.00-950H-T-00	3" NPT	3" NPT		\$ 1,397	45	\$ 1,288	\$ 388	\$ 201
950-DT	03.00-950-T-12	3" Class 125	3" NPT	150 PSI	\$ 1,637	60	\$ 1,047	\$ 388	\$ 211
	04.00-950-T-12	4" Class 125	4" NPT		\$ 1,760	90	\$ 1,078	\$ 449	\$ 252
950H-UT	03.00-950H-T-25	3" Class 250	3" NPT	300 PSI	\$ 2,065	70	Not Available	\$ 388	\$ 211
	04.00-950H-T-25	4" Class 250	4" NPT		\$ 2,311	108		\$ 449	\$ 252
950-DC	06.00-950-T-12	6" Class 125	COWL	150 PSI	\$ 3,558	200	\$ 1,636	Standard	\$ 558
	08.00-950-T-12	8" Class 125	COWL		\$ 4,394	360	\$ 2,199		\$ 793
	10.00-950-T-12	10" Class 125	COWL		\$ 7,888	500	\$ 2,969		\$ 1,082
	12.00-950-T-12	12" Class 125	COWL		\$ 13,170	650	\$ 3,578		\$ 1,592
950H-UC	06.00-950H-T-25	6" Class 250	COWL	300 PSI	\$ 4,642	220	Not Available	Standard	\$ 558
	08.00-950H-T-25	8" Class 250	COWL		\$ 5,772	390			\$ 793
	10.00-950H-T-25	10" Class 250	COWL		\$ 10,490	535			\$ 1,082
	12.00-950H-T-25	12" Class 250	COWL		\$ 17,618	700			\$ 1,592
950-DJ	06.00-950-T-12-FO	6" Class 125	6" CL125	150 PSI	\$ 3,293	200	\$ 1,636	Not Applicable	\$ 393
	08.00-950-T-12-FO	8" Class 125	8" CL125		\$ 4,052	360	\$ 2,199		\$ 571
	10.00-950-T-12-FO	10" Class 125	10" CL125		\$ 7,161	500	\$ 2,969		\$ 756
	12.00-950-T-12-FO	12" Class 125	12" CL125		\$ 12,488	650	\$ 3,578		\$ 989
950H-UJ	06.00-950H-T-25-FO	6" Class 250	6" CL125	300 PSI	\$ 4,377	220	Not Available	Not Applicable	\$ 393
	08.00-950H-T-25-FO	8" Class 250	8" CL125		\$ 5,431	390			\$ 571
	10.00-950H-T-25-FO	10" Class 250	10" CL125		\$ 9,763	535			\$ 756
	12.00-950H-T-25-FO	12" Class 250	12" CL125		\$ 16,936	700			\$ 989

NOTES

- Inlet isolating valve for Figure 950 with NPT ends is lead-free bronze lever operated ball valve. Inlet isolating valve for Class 125 flanged inlet is AWWA butterfly valve. Inlet isolating valve for Class 250 flanged inlet is not available.
- Append Option Code(s) to Base Valve Model Number and add option price(s) to Base Valve Model list price. See Page 14 - CAV Numbering System for Option Definitions and Availability.

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Anti-Slam Single Body Combination Air Valves for Water with Surge Check
Cast Iron Body & Cover, 316SS Floats and Linkage, Buna-N Seats, Plated Steel Fasteners

Figure Number	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Add to List Price of Base Valve		
							IV (Note 2)	OC	P2
980-DC	06.00-980-T-12	6" Class 125	COWL	150 PSI	\$ 7,332	280	\$ 1,636	Standard	\$ 558
	08.00-980-T-12	8" Class 125	COWL		\$ 10,074	500	\$ 2,199		\$ 793
	10.00-980-T-12	10" Class 125	COWL		\$ 17,007	720	\$ 2,969		\$ 1,082
	12.00-980-T-12	12" Class 125	COWL		\$ 30,977	1000	N/A		\$ 1,592
980-DJ	06.00-980-T-12-FO	6" Class 125	6" CL125	150 PSI	\$ 7,068	280	\$ 1,636	Not Applicable	\$ 393
	08.00-980-T-12-FO	8" Class 125	8" CL125		\$ 9,732	500	\$ 2,199		\$ 571
	10.00-980-T-12-FO	10" Class 125	10" CL125		\$ 16,280	720	\$ 2,969		\$ 756
	12.00-980-T-12-FO	12" Class 125	12" CL125		\$ 30,295	1000	N/A		\$ 989

NOTES:

- Figure 983 is made up of Figure 960 Combination Air Valve and Figure 284 Surge Check. Surge Check is factory installed on the inlet of the air valve with a gasket, bolts and nuts.
- Inlet isolating valve is AWWA butterfly valve (not available on 12" size)
- See below for price of Figure 284 Surge Check sold separately
- Append Option Code(s) to Base Valve Model Number and add option price(s) to Base Valve Model list price. See Page 14 - CAV

Double Acting Throttle Device for Clean Water
Malleable Iron Body, UHMWPE Disc, Stainless Trim and Steel Spring

Base Part Number	Size	List Price	Approx. Weight, Lbs.	Option P2
00.50-DAT-T-00	1/2"	\$ 190	5	\$ 22
00.75-DAT-T-00	3/4"	\$ 206	5	\$ 22
01.00-DAT-T-00	1"	\$ 225	5	\$ 22
02.00-DAT-T-00	2"	\$ 307	10	\$ 37
03.00-DAT-T-00	3"	\$ 511	16	\$ 52
04.00-DAT-T-00	4"	\$ 1,243	50	\$ 67

NOTES:

- Double acting throttle device is included in price of Figure 933. Above prices are for double acting throttle device sold separately.
- Double acting throttle device can be added to any 4" and smaller air vacuum or combination air valve with NPT outlet. Suffix base valve part number with "TD" (e.g., 02.00-945-T-00-TD) and add above price to base valve.. Add Option P2 cost if installing on a P2 air valve.

Anti-Slam Surge Check

Figure Number	Base Valve Model Number	Connection	MWP	Base Valve List Price	Approx. Weight, Lbs.	Option P2
284-T	01.00-284-T-00	1" NPT	300 PSI	\$ 510	15	N/A
	02.00-284-T-00	2" NPT		\$ 573	25	
	03.00-284-T-00	3" NPT		\$ 2,022	45	
284-D	03.00-284-T-12	3" Class 125	150 PSI	\$ 1,847	28	\$ 185
	04.00-284-T-12	4" Class 125		\$ 2,378	40	\$ 240
	06.00-284-T-12	6" Class 125		\$ 3,318	74	\$ 329
	08.00-284-T-12	8" Class 125		\$ 5,116	120	\$ 514
	10.00-284-T-12	10" Class 125		\$ 8,112	195	\$ 811
	12.00-284-T-12	12" Class 125		\$ 16,125	286	\$ 1,617

NOTES

- Figure 284-T is lead-free bronze surge check with NPT connections. Figure F284-D is Class 125 flanged fusion bond epoxy coated iron body with lead free bronze internals.
- Surge check is factory installed on and included in the price of Figures 931, 980 and 983.
- For factory installed surge check on any other clean water air & vacuum or combination air valve, append "SC" to Base Model Number (e.g., 04.00-945-T-12-SC) and add price of surge check to price of base valve. Option P2 is cost for 316SS bolts and nuts to install Figure F284-D on an Option P2 air valve (e.g., 04.00-945-T-12-P2-SC).
- When ordering separately from air valve, identify by the surge check Figure Number (e.g., 284-D) or Model Number (e.g., 06.00-284-T-12)
- Consult factory for surge checks on sewage/wastewater air valves.

Anti-Slam Dual Body Combination Air Valves with Surge Check for Clean Water

Cast Iron Body & Cover, 316SS Float and Buna-N Seat, Plated Steel Fasteners

Figure Number	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Add to List Price of Base Valve		
							IV (Note 3)	OC (Note 4)	P2
983	01.00-983-T-00	1" NPT	1" NPT	150 PSI	\$ 1,126	15	\$ 195	\$ 166	\$ 181
	02.00-983-T-00	2" NPT	2" NPT		\$ 1,478	25	\$ 356	\$ 282	\$ 192
	03.00-983-T-00	3" NPT	3" NPT		\$ 3,420	45	\$ 1,288	\$ 388	\$ 201
983H	01.00-983H-T-00	1" NPT	1" NPT	300 PSI	\$ 1,126	15	\$ 195	\$ 166	\$ 181
	02.00-983H-T-00	2" NPT	2" NPT		\$ 1,478	25	\$ 356	\$ 282	\$ 192
	03.00-983H-T-00	3" NPT	3" NPT		\$ 3,420	45	\$ 1,288	\$ 388	\$ 201
983-DT	03.00-983-T-12	3" Class 125	3" NPT	150 PSI	\$ 3,484	60	\$ 1,047	\$ 388	\$ 211
	04.00-983-T-12	4" Class 125	4" NPT		\$ 4,139	90	\$ 1,078	\$ 449	\$ 252
983-DC	06.00-983-T-12	6" Class 125	COWL	150 PSI	\$ 6,876	200	\$ 1,636	Standard	\$ 558
	08.00-983-T-12	8" Class 125	COWL		\$ 9,509	360	\$ 2,199		\$ 793
	10.00-983-T-12	10" Class 125	COWL		\$ 16,000	500	\$ 2,969		\$ 1,082
	12.00-983-T-12	12" Class 125	COWL		\$ 29,295	650	N/A		\$ 1,592
983-DJ	06.00-983-T-12-FO	6" Class 125	6" CL125	150 PSI	\$ 6,612	200	\$ 1,636	Not Applicable	\$ 393
	08.00-983-T-12-FO	8" Class 125	8" CL125		\$ 9,168	360	\$ 2,199		\$ 571
	10.00-983-T-12-FO	10" Class 125	10" CL125		\$ 15,273	500	\$ 2,969		\$ 756
	12.00-983-T-12-FO	12" Class 125	12" CL125		\$ 28,612	650	N/A		\$ 989

NOTES:

- Figure 983 is made up of Figure 950 Combination Air Valve and Figure 284 Surge Check. Surge Check is factory installed on the inlet of the air valve with a gasket, bolts and nuts.
- See page 5 for price of Figure 284 Surge Check sold separately
- Inlet isolating valve for Figure 983 with NPT ends is lead-free bronze lever operated ball valve. Inlet isolating valve for Class 125 flanged inlet Figure 983 is an AWWA butterfly valve. Inlet isolating butterfly valve not available on 12" size.
- Optional outlet cowl is aluminum to 3" size, 4" is steel
- Append Option Code(s) to Base Valve Model Number and add option price(s) to Base Valve Model list price. See Page 14 - CAV Numbering System for Option Definitions and Availability.

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Sewage/Wastewater Air Release Valves

Cast Iron Body & Cover, 316SS Float and Linkage, Buna-N Seat, Plated Steel Fasteners

Figure Number	Description	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Append Code(s) and Add to List Price of Base Valve			
								FA (Note 1)	IV (Note 2)	VC (Note 4)	P2
925	Elongated Body	02.00-925-T-00	2" NPT	½" NPT	150 PSI	\$ 785	60	\$ 482	\$ 356	\$ 315	\$ 118
		03.00-925-T-00	3" NPT	½" NPT		\$ 926	60	\$ 1,537	\$ 1,288	\$ 315	\$ 118
		04.00-925-T-12	4" Class 125	½" NPT		\$ 1,314	80	\$ 1,273	\$ 1,078	\$ 315	\$ 136
925L	Low Pressure Elongated Body	02.00-925L-T-00	2" NPT	½" NPT	75 PSI	\$ 832	60	\$ 482	\$ 356	\$ 315	\$ 118
		03.00-925L-T-00	3" NPT	½" NPT		\$ 973	60	\$ 1,537	\$ 1,288	\$ 315	\$ 118
		04.00-925L-T-12	4" Class 125	½" NPT		\$ 1,360	80	\$ 1,273	\$ 1,078	\$ 315	\$ 136
927	High Capacity Elongated Body	02.00-927-T-00	2" NPT	1" NPT	150 PSI	\$ 1,493	60	\$ 482	\$ 356	\$ 337	\$ 118
		03.00-927-T-00	3" NPT	1" NPT		\$ 1,585	60	\$ 1,537	\$ 1,288	\$ 337	\$ 118
		04.00-927-T-12	4" Class 125	1" NPT		\$ 1,873	80	\$ 1,273	\$ 1,078	\$ 337	\$ 136
927L	Low Pressure High Capacity Elongated Body	02.00-927L-T-00	2" NPT	1" NPT	75 PSI	\$ 1,540	60	\$ 482	\$ 356	\$ 337	\$ 118
		03.00-927L-T-00	3" NPT	1" NPT		\$ 1,632	60	\$ 1,537	\$ 1,288	\$ 337	\$ 118
		04.00-927L-T-12	4" Class 125	1" NPT		\$ 1,919	80	\$ 1,273	\$ 1,078	\$ 337	\$ 136
929	Short Body	02.00-929-T-00	2" NPT	½" NPT	150 PSI	\$ 758	40	\$ 482	\$ 356	\$ 315	\$ 118
		03.00-929-T-00	3" NPT	½" NPT		\$ 899	40	\$ 1,537	\$ 1,288	\$ 315	\$ 118
		04.00-929-T-12	4" Class 125	½" NPT		\$ 1,286	60	\$ 1,273	\$ 1,078	\$ 315	\$ 136
929L	Low Pressure Short Body	02.00-929L-T-00	2" NPT	½" NPT	75 PSI	\$ 804	40	\$ 482	\$ 356	\$ 315	\$ 118
		03.00-929L-T-00	3" NPT	½" NPT		\$ 945	40	\$ 1,537	\$ 1,288	\$ 315	\$ 118
		04.00-929L-T-12	4" Class 125	½" NPT		\$ 1,333	60	\$ 1,273	\$ 1,078	\$ 315	\$ 136

Sewage/Wastewater Air & Vacuum Valves

Cast Iron Body & Cover, 316SS Float and Linkage, Buna-N Seat, Plated Steel Fasteners

Figure Number	Description	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Append Code(s) and Add to List Price of Base Valve			
								FA (Note 1)	IV (Note 2)	OC	P2
935	Elongated Body	02.01-935-T-00	2" NPT	1" NPT	200 PSI	\$ 804	60	\$ 482	\$ 356	\$ 166	\$ 118
		02.00-935-T-00	2" NPT	2" NPT		\$ 1,482	60	\$ 482	\$ 356	\$ 282	\$ 118
		03.02-935-T-00	3" NPT	2" NPT		\$ 1,704	60	\$ 1,537	\$ 1,288	\$ 282	\$ 118
		03.00-935-T-00	3" NPT	3" NPT		\$ 2,476	170	\$ 1,537	\$ 1,288	\$ 388	\$ 136
935-D		04.00-935-T-12	4" Class 125	4" NPT	150 PSI	\$ 3,332	190	\$ 1,273	\$ 1,078	POA	\$ 230
		06.00-935-T-12	6" Class 125	6" NPT		\$ 6,449	320	\$ 1,917	\$ 1,636	POA	\$ 297
939	Short Body	02.01-939-T-00	2" NPT	1" NPT	200 PSI	\$ 763	40	\$ 482	\$ 356	\$ 166	\$ 118
		02.00-939-T-00	2" NPT	2" NPT		\$ 1,441	40	\$ 482	\$ 356	\$ 282	\$ 118
		03.02-939-T-00	3" NPT	2" NPT		\$ 1,677	40	\$ 1,537	\$ 1,288	\$ 282	\$ 118

NOTES

- For sewage air valves with backflush attachments, suffix "F" to Figure Number (e.g., 9425F, 955LF, 957LF) and/or "FA" to Base Valve Model Number (e.g., 02.00-942-T-00-FA, 02.00-955-T-00-FA, 06.00-957L-T-12-FA) and add price of the FA Option to the Base Valve Model list price. Backflush attachments include inlet isolating valve (Option IV) and are shipped separately.
- Inlet isolating valve is lever operated bronze ball valve for NPT inlet valves and an AWWA butterfly valve for flanged inlet valves
- Optional outlet cowl is aluminum up to 3" size, steel in 4" and 6" sizes
- Vacuum check is bronze
- Append Option Code(s) to Base Valve Model Number (e.g., 02.00-925-T-00-FA-VC-P2) and add option price(s) to Base Valve Model list price.
- See Page 12 - ARV Numbering System or Page 15 - SAVV Numbering System for Option Definitions & Availability
- POA = Priced on Application

Sewage/Wastewater Single Body Combination Air Valves

Cast Iron Body & Cover, 316SS Float and Linkage, Buna-N Seat, Plated Steel Fasteners

Figure Number	Description	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Append Code(s) and Add to List Price of Base Valve			
								FA (Note 1)	IV	OC	P2
942	Elongated Body	02.01-942-T-00	2" NPT	1" NPT	150 PSI	\$ 1,960	60	\$ 482	\$ 356	\$ 166	\$ 118
		02.00-942-T-00	2" NPT	2" NPT		\$ 2,906	60	\$ 482	\$ 356	\$ 282	\$ 118
		03.02-942-T-00	3" NPT	2" NPT		\$ 3,246	60	\$ 1,537	\$ 1,288	\$ 282	\$ 118
		03.00-942-T-12	3" NPT	3" NPT		\$ 3,408	170	\$ 1,537	\$ 1,288	\$ 388	\$ 136
942-D		04.00-942-T-12	4" Class 125	4" NPT	150 PSI	\$ 5,322	190	\$ 1,273	\$ 1,078	POA	\$ 230
		06.00-942-T-12	6" Class 125	6" NPT		\$ 8,886	320	\$ 1,917	\$ 1,636	POA	\$ 297

Sewage/Wastewater Dual Body Combination Air Valves

Cast Iron Bodies & Covers 316SS Floats and Linkages Buna-N Seats, Plated Steel Fasteners

Figure Number	Description	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Append Code(s) and Add to List Price of Base Valve			
								FA (Note 1)	IV (Note 2)	OC (Note 3)	P2
955	Elongated Body	02.01-955-T-00	2" NPT	1" NPT	150 PSI	\$ 1,827	140	\$ 482	\$ 356	\$ 166	\$ 256
		02.00-955-T-00	2" NPT	2" NPT		\$ 2,786	140	\$ 482	\$ 356	\$ 282	\$ 256
		03.02-955-T-00	3" NPT	2" NPT		\$ 2,850	140	\$ 1,537	\$ 1,288	\$ 282	\$ 256
		03.00-955-T-00	3" NPT	3" NPT		\$ 3,540	230	\$ 1,537	\$ 1,288	\$ 388	\$ 267
955-D		04.00-955-T-12	4" Class 125	4" NPT	150 PSI	\$ 4,602	250	\$ 1,273	\$ 1,078	POA	\$ 348
		06.00-955-T-12	6" Class 125	6" NPT		\$ 7,546	380	\$ 1,917	\$ 1,636	POA	\$ 415
955L	Elongated Body, Low Pressure Air Release	02.01-955L-T-00	2" NPT	1" NPT	75 PSI	\$ 1,878	140	\$ 482	\$ 356	\$ 166	\$ 256
		02.00-955L-T-00	2" NPT	2" NPT		\$ 2,838	140	\$ 482	\$ 356	\$ 282	\$ 256
		03.02-955L-T-00	3" NPT	2" NPT		\$ 2,901	140	\$ 1,537	\$ 1,288	\$ 282	\$ 256
		03.00-955L-T-00	3" NPT	3" NPT		\$ 3,396	230	\$ 1,537	\$ 1,288	\$ 388	\$ 267
955L-D		04.00-955L-T-12	4" Class 125	4" NPT	75 PSI	\$ 4,565	250	\$ 1,273	\$ 1,078	POA	\$ 348
		06.00-955L-T-12	6" Class 125	6" NPT		\$ 7,454	380	\$ 1,917	\$ 1,636	POA	\$ 415
957	Elongated Body with High Capacity Air Release Valve	02.01-957-T-00	2" NPT	1" NPT	150 PSI	\$ 2,462	140	\$ 482	\$ 356	\$ 166	\$ 256
		02.00-957-T-00	2" NPT	2" NPT		\$ 3,422	140	\$ 482	\$ 356	\$ 282	\$ 256
		03.02-957-T-00	3" NPT	2" NPT		\$ 3,486	140	\$ 1,537	\$ 1,288	\$ 282	\$ 256
		03.00-957-T-00	3" NPT	3" NPT		\$ 4,175	230	\$ 1,537	\$ 1,288	\$ 388	\$ 267
957-D		04.00-957-T-12	4" Class 125	4" NPT	150 PSI	\$ 5,237	250	\$ 1,273	\$ 1,078	POA	\$ 348
		06.00-957-T-12	6" Class 125	6" NPT		\$ 8,182	380	\$ 1,917	\$ 1,636	POA	\$ 415
957L	Elongated Body with Low Pressure High Capacity Air Release Valve	02.01-957L-T-00	2" NPT	1" NPT	75 PSI	\$ 2,513	140	\$ 482	\$ 356	\$ 166	\$ 256
		02.00-957L-T-00	2" NPT	2" NPT		\$ 3,473	140	\$ 482	\$ 356	\$ 282	\$ 256
		03.02-957L-T-00	3" NPT	2" NPT		\$ 3,537	140	\$ 1,537	\$ 1,288	\$ 282	\$ 256
		03.00-957L-T-00	3" NPT	3" NPT		\$ 4,226	230	\$ 1,537	\$ 1,288	\$ 388	\$ 267
957L-D		04.00-957L-T-12	4" Class 125	4" NPT	75 PSI	\$ 5,288	250	\$ 1,273	\$ 1,078	POA	\$ 348
		06.00-957L-T-12	6" Class 125	6" NPT		\$ 8,232	380	\$ 1,917	\$ 1,636	POA	\$ 415
959	Short Body	02.01-959-T-00	2" NPT	1" NPT	150 PSI	\$ 1,765	100	\$ 482	\$ 356	\$ 166	\$ 256
		02.00-959-T-00	2" NPT	2" NPT		\$ 2,725	100	\$ 482	\$ 356	\$ 282	\$ 256
		03.02-959-T-00	3" NPT	2" NPT		\$ 2,789	100	\$ 1,537	\$ 1,288	\$ 282	\$ 256
959L	Short Body with Low Pressure Air Release Valve	02.01-959L-T-00	2" NPT	1" NPT	75 PSI	\$ 1,816	100	\$ 482	\$ 356	\$ 166	\$ 256
		02.00-959L-T-00	2" NPT	2" NPT		\$ 2,776	100	\$ 482	\$ 356	\$ 282	\$ 256
		03.02-959L-T-00	3" NPT	2" NPT		\$ 2,840	100	\$ 1,537	\$ 1,288	\$ 282	\$ 256

NOTES

- For sewage air valves with backflush attachments, suffix "F" to Figure Number (e.g., 9425F, 955LF, 957LF) and/or "FA" to Base Valve Model Number (e.g., 02.00-942-T-00-FA, 02.00-955-T-00-FA, 06.00-957L-T-12-FA) and add price of the FA Option to the Base Valve Model price. Backflush attachments include inlet isolating valve (Option IV) and are shipped separately.
- Inlet isolating valve is lever operated bronze ball valve for NPT inlet valves, lever operated AWWA butterfly valve for flanged inlet valves
- Optional outlet cowl is aluminum up to 3" size, steel in 4" and 6" sizes
- Append Option Code(s) to Base Valve Model Number (e.g., 02.00-955-T-00-FA-P2) and add option price(s) to Base Valve Model list price.
- See Page 16 - SCAV Numbering System for Option Definitions & Availability
- POA = Priced on Application

Durovent All Stainless Steel Sewage/Wastewater Air Release Valves

316SS Body & Cover, 316SS Float, Linkage and External Fasteners, Buna-N Seat

Figure Number	Description	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Append Code(s) and Add to List Price of Base Valve		
								FA (Notes 1&2)	IV (Note 3)	VC (Note 5)
925SS	Elongated Body	02.00-925-T-00-S4	2" NPT	½" NPT	150 PSI	\$ 2,793	60	\$ 1,881	\$ 551	\$ 315
		03.00-925-T-00-S4	3" NPT	½" NPT	150 PSI	\$ 3,615	60	\$ 2,601	\$ 2,392	\$ 315
925SSL	Low Pressure Elongated Body	02.00-925L-T-00-S4	2" NPT	½" NPT	75 PSI	\$ 2,840	60	\$ 1,881	\$ 551	\$ 315
		03.00-925L-T-00-S4	3" NPT	½" NPT	75 PSI	\$ 3,662	60	\$ 2,601	\$ 2,392	\$ 315
927SS	High Capacity Elongated Body	02.00-927-T-00-S4	2" NPT	1" NPT	150 PSI	\$ 3,502	60	\$ 1,881	\$ 551	\$ 337
		03.00-927-T-00-S4	3" NPT	1" NPT	150 PSI	\$ 4,324	60	\$ 2,601	\$ 2,392	\$ 337
927SSL	Low Pressure High Capacity Elongated Body	02.00-927L-T-00-S4	2" NPT	1" NPT	75 PSI	\$ 3,548	60	\$ 1,881	\$ 551	\$ 337
		03.00-927L-T-00-S4	3" NPT	1" NPT	75 PSI	\$ 4,370	60	\$ 2,601	\$ 2,392	\$ 337
929SS	Short Body	02.00-929-T-00-S4	2" NPT	½" NPT	150 PSI	\$ 2,654	40	\$ 1,881	\$ 551	\$ 315
		03.00-929-T-00-S4	3" NPT	½" NPT	150 PSI	\$ 3,476	40	\$ 2,601	\$ 2,392	\$ 315
929SSL	Low Pressure Short Body	02.00-929L-T-00-S4	2" NPT	½" NPT	75 PSI	\$ 2,700	40	\$ 1,373	\$ 551	\$ 315
		03.00-929L-T-00-S4	3" NPT	½" NPT	75 PSI	\$ 3,550	40	\$ 2,601	\$ 2,392	\$ 315

Durovent All Stainless Steel Sewage/Wastewater Air & Vacuum Valves

316SS Body & Cover, 316SS Float, Linkage and External Fasteners, Buna-N Seat

Figure Number	Description	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Append Code(s) and Add to List Price of Base Valve		
								FA (Notes 1&2)	IV (Note 3)	OC (Note 6)
935SS	Elongated Body	02.01-935-T-00-S4	2" NPT	1" NPT	200 PSI	\$ 3,047	60	\$ 1,881	\$ 551	\$ 166
		02.00-935-T-00-S4	2" NPT	2" NPT	200 PSI	\$ 3,461	60	\$ 1,881	\$ 551	\$ 282
		03.02-935-T-00-S4	3" NPT	2" NPT	200 PSI	\$ 3,929	60	\$ 2,601	\$ 2,392	\$ 282
939SS	Short Body	02.01-939-T-00-S4	2" NPT	1" NPT	200 PSI	\$ 2,907	40	\$ 1,881	\$ 551	\$ 166
		02.00-939-T-00-S4	2" NPT	2" NPT	200 PSI	\$ 3,321	40	\$ 1,881	\$ 551	\$ 282
		03.02-939-T-00-S4	3" NPT	2" NPT	200 PSI	\$ 3,789	40	\$ 2,601	\$ 2,392	\$ 282

Durovent All Stainless Steel Single Body Sewage/Wastewater Combination Air Valves

316SS Body & Cover, 316SS Float, Linkage and External Fasteners, Buna-N Seat

Figure Number	Description	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Append Code(s) and Add to List Price of Base Valve		
								FA (Notes 1&2)	IV (Note 3)	OC (Note 6)
942SS	Elongated Body	02.01-942-T-00-S4	2" NPT	1" NPT	150 PSI	\$ 3,057	60	\$ 1,881	\$ 551	\$ 166
		02.00-942-T-00-S4	2" NPT	2" NPT	150 PSI	\$ 3,471	60	\$ 1,881	\$ 551	\$ 282
		03.02-942-T-00-S4	3" NPT	2" NPT	150 PSI	\$ 3,939	60	\$ 2,601	\$ 2,392	\$ 282

NOTES

- For Durovent sewage air valves with backflush attachments, suffix "F" to Figure Number (e.g., 925SSF, 927SSLF, 935SSF) and/or "FA" to Model Number (e.g., 02.00-925-T-00-FA-S4, 02.00-939-T-00-FA-S4) and add price of the FA Option to the Base Valve Model list price.
- Backflushing attachments for Durovent air valves include stainless steel inlet isolating, flushing and drain valves, stainless steel quick connect couplings and 5' of rubber hose and are shipped separately.
- Append Option IV for lever operated stainless steel inlet isolating ball valve only (included in Option FA).
- Append Option Code(s) to Base Valve Model Number (e.g., 02.00-925-T-00-FA-VC) and add option price(s) to Base Valve Model list price. See Pages 12, 15 and 16 for Numbering System and Option Definitions & Availability
- Vacuum check is bronze
- Outlet Cowl is aluminum
- Larger sizes available. consult factory for price.

Durovent All Stainless Steel Sewage/Wastewater Dual Body Combination Air Valves
316SS Bodies & Covers, 316SS Floats, Linkages, External Fasteners and Piping, Buna-N Seat

Figure Number	Description	Base Valve Model Number	Pipeline Connection	Outlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Append Code(s) and Add to List Price of Base Valve		
								FA (Notes 1&2)	IV (Note 3)	OC (Note 5)
955SS	Elongated Bodies	02.01-955-T-00-S4	2" NPT	1" NPT	150 PSI	\$ 7,139	140	\$ 1,881	\$ 551	\$ 166
		02.00-955-T-00-S4	2" NPT	2" NPT	150 PSI	\$ 7,962	140	\$ 1,881	\$ 551	\$ 282
		03.02-955-T-00-S4	3" NPT	2" NPT	150 PSI	\$ 9,005	140	\$ 2,601	\$ 2,392	\$ 282
955SSL	Elongated Bodies, Low Pressure Air Release	02.01-955L-T-00-S4	2" NPT	1" NPT	75 PSI	\$ 7,186	140	\$ 1,881	\$ 551	\$ 166
		02.00-955L-T-00-S4	2" NPT	2" NPT	75 PSI	\$ 8,009	140	\$ 1,881	\$ 551	\$ 282
		03.02-955L-T-00-S4	3" NPT	2" NPT	75 PSI	\$ 9,052	140	\$ 2,601	\$ 2,392	\$ 282
957SS	Elongated Bodies with High Capacity Air Release Valve	02.01-957-T-00-S4	2" NPT	1" NPT	150 PSI	\$ 7,847	140	\$ 1,881	\$ 551	\$ 166
		02.00-957-T-00-S4	2" NPT	2" NPT	150 PSI	\$ 8,671	140	\$ 1,881	\$ 551	\$ 282
		03.02-957-T-00-S4	3" NPT	2" NPT	150 PSI	\$ 9,713	140	\$ 2,601	\$ 2,392	\$ 282
957SSL	Elongated Bodies with Low Pressure High Capacity Air Release Valve	02.01-957L-T-00-S4	2" NPT	1" NPT	75 PSI	\$ 7,894	140	\$ 1,881	\$ 551	\$ 166
		02.00-957L-T-00-S4	2" NPT	2" NPT	75 PSI	\$ 8,717	140	\$ 1,881	\$ 551	\$ 282
		03.02-957L-T-00-S4	3" NPT	2" NPT	75 PSI	\$ 9,760	140	\$ 2,601	\$ 2,392	\$ 282
959SS	Short Bodies	02.01-959-T-00-S4	2" NPT	1" NPT	150 PSI	\$ 6,906	140	\$ 1,881	\$ 551	\$ 166
		02.00-959-T-00-S4	2" NPT	2" NPT	150 PSI	\$ 7,879	140	\$ 1,881	\$ 551	\$ 282
		03.02-959-T-00-S4	3" NPT	2" NPT	150 PSI	\$ 8,921	140	\$ 2,601	\$ 2,392	\$ 282
959SSL	Short Bodies with Low Pressure Air Release Valve	02.01-959L-T-00-S4	2" NPT	1" NPT	75 PSI	\$ 6,953	140	\$ 1,881	\$ 551	\$ 166
		02.00-959L-T-00-S4	2" NPT	2" NPT	75 PSI	\$ 7,925	140	\$ 1,881	\$ 551	\$ 282
		03.02-959L-T-00-S4	3" NPT	2" NPT	75 PSI	\$ 8,968	140	\$ 2,601	\$ 2,392	\$ 282

NOTES

- For Durovent sewage air valves with backflush attachments, suffix "F" to Figure Number (e.g., 955SSF, 957SSLF, 959SSF) and/or "FA" to Model Number (e.g., 02.00-955-T-00-FA-S4, 02.00-959-T-00-FA-S4) and add price of the FA Option to the Base Valve Model list price.
- Backflushing attachments for Durovent air valves include stainless steel inlet isolating, flushing and drain valves, stainless steel quick connect couplings and 5' of rubber hose and are shipped separately.
- Append Option IV for lever operated stainless steel inlet isolating ball valve only (included in Option FA).
- Append Option Code(s) to Base Valve Model Number (e.g., 02.00-955-T-00-FA-OC) and add option price(s) to Base Valve Model list price. See Pages 12, 15 and 16 for Numbering System and Option Definitions & Availability
- Outlet Cowl is aluminum
- Larger sizes available. consult factory for price.

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Vacuum Breaking Valves for Water

Fusion Bond Epoxy Coated Ductile iron Body, LF Bronze Plug and Seat, EPDM Seal, Screened Cowl on Air Inlet

Figure Number	Description	Base Valve Model Number	Pipeline Connection	Air Inlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Append Code(s) and Add to List Price of Base Valve	
								IV (Note 1)	P2 (Note 2)
F990-D	Vacuum Breaking Valve	02.50-F990-T-12	2½" Class 125	Cowl	300 PSI	\$ 1,440	28	Not Available	\$ 133
		03.00-F990-T-12	3" Class 125	Cowl	300 PSI	\$ 1,536	32	\$ 1,047	\$ 133
		04.00-F990-T-12	4" Class 125	Cowl	300 PSI	\$ 2,051	50	\$ 1,078	\$ 149
		06.00-F990-T-12	6" Class 125	Cowl	300 PSI	\$ 2,780	90	\$ 1,636	\$ 185
		08.00-F990-T-12	8" Class 125	Cowl	300 PSI	\$ 4,676	130	\$ 2,199	\$ 247
F992-D	Vacuum Breaking with Air Release Valve	02.50-F992-T-12	2½" Class 125	Cowl	150 PSI	\$ 2,125	58	Not Available	\$ 232
		03.00-F992-T-12	3" Class 125	Cowl	150 PSI	\$ 2,221	62	\$ 1,047	\$ 232
		04.00-F992-T-12	4" Class 125	Cowl	150 PSI	\$ 2,736	80	\$ 1,078	\$ 248
		06.00-F992-T-12	6" Class 125	Cowl	150 PSI	\$ 3,465	120	\$ 1,636	\$ 284
		08.00-F992-T-12	8" Class 125	Cowl	150 PSI	\$ 5,361	150	\$ 2,199	\$ 345

NOTES

- Figure 990 is standard with zinc plated steel fasteners. Option P2 upgrades to 316SS.
- Figure 992 vacuum breaking valve is fusion bond epoxy lined & coated, air release valve is standard 1" Figure 920. Option P2 provides air release valve with internal/external 2-part epoxy coating and 316SS external fasteners.
- Inlet isolating valve (Option IV) is flanged lever operated AWWA butterfly valve.
- Append Option Code(s) to Base Valve Model Number (e.g., 02.00-992-T-12-IV-P2) and add option price(s) to Base Valve Model list price.

Vacuum Breaking Valves for Sewage

Cast Iron Body, 316SS Body Seat, Buna-N Disc Seat, Screened Cowl on Air Inlet

Figure Number	Description	Base Valve Model Number	Pipeline Connection	Air Inlet	MWP	Base Valve List Price	Approx. Weight, Lbs.	Append Code(s) and Add to List Price of Base Valve		
								IV (Note 1)	FA (Note 2)	P2 (Note 3)
991-D	Vacuum Breaking Valve	03.00-991-T-12	3" Class 125	Cowl	200 PSI	\$ 2,810	110	\$ 1,047	Not Applicable	\$ 393
		04.00-991-T-12	4" Class 125	Cowl	200 PSI	\$ 3,322	155	\$ 1,078		\$ 410
		06.00-991-T-12	6" Class 125	Cowl	200 PSI	\$ 3,859	230	\$ 1,636		\$ 425
		08.00-991-T-12	8" Class 125	Cowl	200 PSI	\$ 5,031	375	\$ 2,199		\$ 440
993-D	Vacuum Breaking with Air Release Valve	03.00-993-T-12	3" Class 125	Cowl	150 PSI	\$ 3,769	62	\$ 1,047	\$ 329	\$ 492
		04.00-993-T-12	4" Class 125	Cowl	150 PSI	\$ 4,281	80	\$ 1,078	\$ 329	\$ 508
		06.00-993-T-12	6" Class 125	Cowl	150 PSI	\$ 4,818	120	\$ 1,636	\$ 329	\$ 523
		08.00-993-T-12	8" Class 125	Cowl	150 PSI	\$ 5,990	150	\$ 2,199	\$ 329	\$ 538
993-DL	Vacuum Breaking with Low Pressure Air Release Valve	03.00-993L-T-12	3" Class 125	Cowl	75 PSI	\$ 3,939	62	\$ 1,047	\$ 329	\$ 492
		04.00-993L-T-12	4" Class 125	Cowl	75 PSI	\$ 4,328	80	\$ 1,078	\$ 329	\$ 508
		06.00-993L-T-12	6" Class 125	Cowl	75 PSI	\$ 4,865	120	\$ 1,636	\$ 329	\$ 523
		08.00-993L-T-12	8" Class 125	Cowl	75 PSI	\$ 6,036	150	\$ 2,199	\$ 329	\$ 538

NOTES

- Inlet isolating valve (Option IV) is flanged lever operated AWWA butterfly valve and is not included with Option FA Backflush Attachments.
- Backflush attachments (Option FA) for Figure 993 consist of 1/2" and 1" lever operated bronze ball valves, pipe nipples and 5 ft of rubber hose with quick connect couplings. It does not include a valve to isolate the vacuum breaker from the pipeline. If needed, append Options FA and IV and add price for both to Base Valve Model list price.
- Standard is uncoated interior, enamel primer exterior, zinc plated steel external fasteners. Option P2 is internal/external NSF-61 epoxy and 316 stainless steel external fasteners.
- Append Option Code(s) to Base Valve Model Number (e.g., 02.00-993-T-12-FA-P2) and add option price(s) to Base Valve Model list price.
- Larger sizes available, consult factor for price



Code	Inlet Size
01.00	1"
02.00	2"
03.00	3"
04.00	4"
06.00	6"

Figure 905 and 912 have 1" NPT pipeline connections and are supplied with reducing bushings for 3/4" or 1/2" connections

Code	Body Style
T	Air Valve

Code	Pipeline Connection
00	NPT Threaded
12	Class 125 Flanged
25	Class 250 Flanged

Code	Option/Accessory
FA	Backflushing Attachments (Sewage Valves Only)
IV	Inlet Isolating Valve (Included in FA Option)
OC	Outlet Cowl
VC	Vacuum Check
US	AIS Compliant
P2	316SS External Fasteners & Int/Ext 2-part NSF-61 Epoxy

NOTES

1. Inlet isolating valve included in Option FA
2. Option P-2 is upgrade from standard uncoated internal, enamel primer coating on external and zinc plated steel external fasteners
3. String option/accessory codes separated by a hyphen, e.g., 02.00-925L-T-00-FA-US-P2

Figure Number	Description (Working Pressure Range)	Availability													
		Size					Connection			Option/Accessory					
		1"	2"	3"	4"	6"	00	12	25	FA	IV	OC	VC	US	P2
A905	Compact Air Release Valve (10-150 PSI)	•					•				•	•	•	•	•
A905H	Compact Air Release Valve (10-200 PSI)	•					•				•	•	•	•	•
A912	Simple Lever Air Release Valve (10-150 PSI)	•					•				•	•	•	•	•
A912H	Simple Lever Air Release Valve (10-300 PSI)	•					•				•	•	•	•	•
920	Compound Lever Air Release Valve (10-150 PSI)	•	•				•				•	•	•	•	•
920H	Compound Lever Air Release Valve (10-300 PSI)	•	•				•				•	•	•	•	•
922	High Capacity Air Release Valve (10-150 PSI)		•	•			•				•	•	•	•	•
922H	High Capacity Air Release Valve (10-300 PSI)		•	•			•				•	•	•	•	•
923	Super High Capacity Air Release Valve (10-150 PSI)				•	•		•			•	•	•	•	•
923H	Super High Capacity Air Release Valve (10-300 PSI)				•	•			•		•	•	•	•	•
925	Sewage Air Release Valve (10-150 PSI)		•	•			•			•	•	•	•	•	•
925L	Low Pressure Sewage Air Release Valve (10-75 PSI)		•	•			•			•	•	•	•	•	•
925SS	Durovent Sewage Air Release Valve (10-150 PSI)		•	•			•			•		•	•		
925SSL	Durovent Low Pressure Sewage Air Release Valve (10-75 PSI)		•	•			•			•		•	•		
927	High Capacity Sewage Air Release Valve (10-150 PSI)		•	•			•			•	•	•	•	•	•
927L	High Capacity Low Pressure Sewage Air Release Valve (10-75 PSI)		•	•			•			•	•	•	•	•	•
929	Short Body Sewage Air Release Valve (10-150 PSI)		•	•			•			•	•	•	•	•	•
929L	Short Body Low Pressure Sewage Air Release Valve (10-75 PSI)		•	•			•			•	•	•	•	•	•
929SS	Durovent Short Body Sewage Air Release Valve (10-150 PSI)		•	•			•			•		•	•		
929SSL	Durovent Short Body Low Pressure Sewage Air Release Valve (10-75 PSI)		•	•			•			•		•	•		

☐ Not Available

☒ Available



Code	Size
00.50	½"
00.75	¾"
01.00	1"
02.00	2"
03.00	3"
04.00	4"
06.00	6"
08.00	8"
10.00	10"
12.00	12"

Code	Body Style
T	Air Valve

Code	Pipeline Connection
00	NPT Threaded
12	Class 125 Flanged
25	Class 250 Flanged

Code	Option/Accessory (See notes)
FO	Class 125 Flanged Outlet
IV	Inlet Isolating Valve
OC	Outlet Cowl (Standard 6" and larger)
SC	Surge Check (Standard on 931)
TD	Double-Acting Throttle Device (Standard on 933)
TO	NPT Threaded Outlet (Standard 4" and smaller)
US	AIS Compliant
P2	316SS External Fasteners & Int/Ext 2-part NSF-61 Epoxy (Note 7)

		Availability																					
		Working Pressure, Pipeline Connection and Size Combination												Option/Accessory ¹									
Description	Figure	Working Pressure, PSI	Connection			Size																	
			00	12	25	½"	¾"	1"	2"	3"	4"	6"	8"	10"	12"	FO ²	IV ³	OC ⁴	SC	TD ⁵	TO ⁶	US	P2
Air Vacuum Valve	930	10-300	●			●	●	●	●	●		●	●	●	●	●	●	●	●		●	●	●
		10-150		●							●	●	●	●	●	●	●	●	●		●	●	●
		10-300			●						●	●	●	●	●	●	●	●	●		●	●	●
Air Vacuum Valve with Anti-Slam Surge Check	931	10-300	●			●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●
		10-150		●							●	●	●	●	●	●	●	●	●		●	●	●
Air Vacuum Valve with Double Acting Throttle Device	933	10-300	●			●	●	●	●	●		●						●	●	●	●	●	●
		10-150		●							●	●					●		●	●	●	●	●
		10-300			●						●	●					●		●	●	●	●	●

Small numbers refer to Notes

☒ Standard (see notes)

☒ Available (see notes)

☐ Not available

Option/Accessory Notes

- String option/accessory codes separated by a hyphen (e.g., 03.00-930-T-00-IV-OC-P2). Only add code if not "Standard"
- Option FO option available 6" and larger
- Option IV is lead-free bronze NPT ball valve or Class 125 flanged butterfly valve. Option IV not available for Class 250 flanged inlet valves or for 12" Class 125 flanged Figure 931
- Option OC is optional 4" and smaller, standard 6" and larger
- Option TD included on Figure 933, available 4" and smaller Figure 931
- Option TO option available 6" and 8", standard 4" and smaller



Code	Size
00.50	½"
00.75	¾"
01.00	1"
02.00	2"
03.00	3"
04.00	4"
06.00	6"
08.00	8"
10.00	10"
12.00	12"

Code	Body Style
T	Air Valve

Code	Pipeline Connection
00	NPT Threaded
12	Class 125 Flanged
25	Class 250 Flanged

Code	Option/Accessory (See notes)
EC	NSF-61 Fusion Bond Epoxy Lined & Coated, 316 SS Extrnal Fastners
FO	Class 125 Flanged Outlet
IV	Inlet Isolating Valve
OC	Outlet Cowl
SC	Surge Check (Standard on 980, 980H, 983 & 983H)
TD	Double-Acting Throttle Device
TO	NPT Threaded Outlet
US	AIS Compliant
P2	316SS External Fasteners & Int/Ext 2-part NSF-61 Epoxy (Note 7)

		Availability																						
		Working Pressure, Pipeline Connection and Size Combination													Option/Accessory ¹									
Description	Figure	Working Pressure, PSI	Connection			Size																		
			00	12	25	½"	¾"	1"	2"	3"	4"	6"	8"	10"	12"	EC ⁸	FO ²	IV ³	OC ⁴	SC	TD ⁵	TO ⁶	US	P2 ⁷
Single Body Dual Chamber Combination Air Valve	945	10-150	•			•	•	•	•	•	•					•		•	•	•	•	•	•	•
	945H	10-300	•		•	•	•	•	•	•	•					•		•	•	•	•	•	•	•
DuroVent Single Body Dual Chamber Combination Air Valve	945SS	10-150	•			•	•	•										•	•		•	•		
	945HSS	10-300	•			•	•	•										•	•		•	•		
Dual Body Combination Air Valve	950	10-150	•	•		•	•	•	•	•	•	•	•	•	•			•	•		•	•	•	•
	950H	10-300	•		•	•	•	•	•	•	•	•	•	•	•			•	•		•	•	•	•
Single Body Dual Chamber Combination Air Valve	960	10-150		•								•	•	•	•		•	•			•	•	•	•
	960H	10-300			•							•	•	•	•		•	•			•	•	•	•
Single Body Dual Chamber Combination Air Valve with Surge Check	980	10-150		•								•	•	•	•		•	•	•	•	•	•	•	•
Dual Body Combination Air Valve with Surge Check	983	10-150	•			•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•

Small numbers refer to
Notes

• Standard (see notes)

• Available (see notes)

□ Not Available

Option/Accessory Notes

- String codes for options and/or accessories separated by a hyphen (e.g., 02.00-945-T-00-IV-TD-P2). Only add code when not standard
- Option FO option available 6" and larger
- Option IV is lead-free bronze NPT ball valve or Class 125 flanged butterfly valve. Option IV not available for Class 250 flanged inlet valves or for 12" Class 125 flanged Figure 980 or 983
- Option OC available 4" and smaller, outlet cowl is standard 6" and larger
- Option TD available 4" and smaller
- Option TO available 6" and 8", standard 4" and smaller
- Option P-2 is upgrade from standard is zinc plated steel fasteners, uncoated internal, enamel primer external



Code	Size
02.01*	2" x 1"
02.00	2"
03.02*	3" x 2"
03.00	3"
04.00	4"
06.00	6"

*Inlet x Outlet

Code	Body Style
T	Air Valve

Code	Pipeline Connection
00	NPT Threaded
12	Class 125 Flanged

Code	Option/Accessory (See notes)
FA	Backflushing Attachments (Sewage Valves Only)
IV	Inlet Isolating Valve (Included in FA Option)
US	AIS Compliant
P2	316SS External Fasteners & Int/Ext 2-part Epoxy (Note 4)

		Availability												
		Working Pressure, Pipeline Connection and Size Combination									Option/Accessory			
Description	Figure	Working Presure, PSI	Connection		Size									
			00	12	2"x1"	2"	3"x2"	3"	4"	6"	FA ²	IV ⁴	US	P2 ⁵
Sewage Air Vacuum Valve	935	10-150	●		●	●	●	●	●		●	●	●	●
				●				●	●	●		●	●	●
DuroVent Sewage Air Vacuum Valve	935SS	10-150	●		●	●	●				●	●		
Short Body Sewage Air Vacuum Valve	939	10-150	●		●	●	●				●	●	●	●
				●				●	●	●		●	●	●
DuroVent Short Body Sewage Air Vacuum Valve	939SS	10-75	●		●	●	●				●	●		

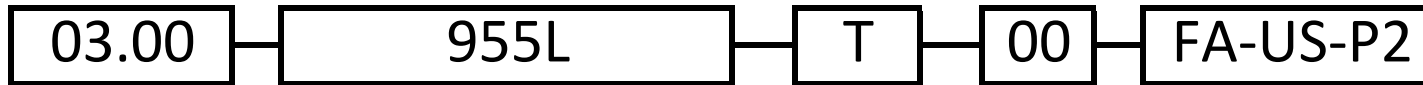
Small numbers refer to Notes

• Available (See Notes and Price List)

□ Not Available

Notes

- String codes for options and/or accessories separated by a hyphen
- Only add Code when "Optional"
- Standard FA are bronze ball valves and pipe nipples and plated iron quick connects. DuroVent FA are SS ball valves, pipe nipples and quick connect couplings
- Bronze ball valve or Class 125 flanged butterfly Inlet isolating valve included in FA Option. DuroVent is SS ball valve.
- Option P-2 is upgrade from standard is zinc plated steel fasteners, uncoated internal, enamel primer external.



Code	Size
02.01*	2" x 1"
02.00	2"
03.02*	3" x 2"
03.00	3"
04.00	4"
06.00	6"

*Inlet x Outlet

Code	Body Style
T	Air Valve

Code	Pipeline Connection
00	NPT Threaded
12	Class 125 Flanged

Code	Option/Accessory (See notes)
FA	Backflushing Attachments
FO	Class 125 Flanged Outlet
IV	Inlet Isolating Valve (Included in FA Option)
US	ANSI Compliant
P2	316SS External Fasteners & Int/Ext 2-part Epoxy

		Availability													
		Working Pressure, Pipeline Connection and Size Combination									Option/Accessory				
Description	Figure	Working Presure, PSI	Connection		Size										
			00	12	2"x1"	2"	3"x2"	3"	4"	6"	FA ²	FO ³	IV ⁴	US	P2
Single Body Sewage Combination Air Valve	942	10-150	●		●	●	●	●	●		●		●	●	●
Durovent Single Chamber Combination Air Valve	942SS	10-150	●		●	●	●				●		●		
Dual Body Sewage Combination Air Valve	955L	10-75	●		●	●	●	●			●		●	●	●
	955	10-150	●	●	●	●		●	●	●	●	●	●	●	●
Durovent Dual Body Sewage Combination Air Valve	955SSL	10-75	●		●	●	●		●	●	●		●		
	955SS	10-150	●		●	●	●				●		●		
Dual Body Sewage Combination Air Valve with High Capacity Air Release Valve	957L	10-75	●	●	●	●	●		●	●	●	●	●	●	●
	957	10-150	●	●	●	●	●		●	●	●	●	●	●	●
Short Dual Body Sewage Combination Air Valve	959L	10-75	●		●	●	●				●		●	●	●
	959	10-150	●		●	●	●				●		●	●	●
Durovent Short Dual Body Sewage Combination Air Valve	959SSL	10-75	●		●	●	●				●		●		
	959SSL	10-150	●		●	●	●				●		●		

Small numbers refer to Notes

☒ Available (See Notes)

☐ Not Available

Notes

- String option/accessory codes separated by a hyphen (e.g., 03.00-942-T-00-IV-US-P2). Only add code if not "Standard"
- Standard FA are bronze ball valves and pipe nipples and plated iron quick connects. DuroVent FA are SS ball valves, pipe nipples and quick connect couplings
- Flanged outlet available 4" and 6" size only
- Bronze ball valve or Class 125 flanged butterfly Inlet isolating valve included in Option FA. DuroVent is SS ball valve.
- Option P-2 is upgrade from standard uncoated internal, enamel primer coating on external and zinc plated steel

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PRICE LIST BFPV-0523A

Effective May 1, 2023
(Replaces BFPV-0523)

AWWA C504 Butterfly Valves AWWA C517 Eccentric Plug Valves and Accessories

Flanged and Mechanical Joint
for
In-Plant, Exposed and Buried Service

VAG Terms and Conditions Apply: <https://gaindustries.com/terms>

Payment Terms	Net 30 Days from invoice with approved credit
Prices	Prices are Ex-Works (FOB Factory), domestic pack, exclusive of taxes
Request for Quote	E-mail requests for quotes to: quotes-ga@vag-group.com . Include applicable specifications and valve list with size and quantity.
Orders	Orders accepted by the factory may not be cancelled or shipment deferred without prior written consent and shall be subject to cancellation charges. Add-ons to existing orders only with factory approval. E-mail orders to: orders-ga@vag-group.com
Returns	New and unused material will be accepted for return only if accompanied by a "Return Authorization Number" issued by the factory and clearly indicated on the return shipping label and/or packing list. All returns must be pre-paid and may be subject to a re-stocking charge.
Shipments	Orders meeting "freight allowed" minimums must be dispatched in a in single shipment in a box truck to a single destination. Customer directed partial shipments and/or open top trucks may incur additional charge.
Claims	All claims for shortages and/or damage MUST be made in writing within five (5) days after receipt of shipment.
Warranty	All products are covered by VAG USA LLC Standard Warranty, a copy of which is available upon request.
AMERICAN IRON & STEEL (AIS)	This price list does not apply to "AIS or BABA Compliant" valves. GA Industries AIS/BABA Compliant butterfly and plug valves are available, consult factory for price.

Revised 5-22-23

Type	Size Range	Description	Page
Series 800 Butterfly Valves	3" to 72"	Class 150B Class 125 Flanged, In-Plant/Exposed Service	1
	6" to 72"	Class 150B Class 125 Flanged Buried Service (Open Left)	2
	6" to 48"	Class 150B Mechanical Joint Buried Service (Open Left)	2
	6" to 72"	Class 150B Class 125 Flanged Buried Service (Open Right)	3
	6" to 48"	Class 150B Mechanical Joint Buried Service (Open Right)	3
	3" to 48"	Class 250B Class 125 Flanged, In-Plant/Exposed Service	4
	6" to 48"	Class 250B Class 125 Flanged ,Buried Service (Open Left)	5
	6" to 48"	Class 250B Mechanical Joint Buried Service (Open Left)	5
	6" to 48"	Class 250B Class 125 Flanged ,Buried Service (Open Right)	6
	6" to 48"	Class 250B Mechanical Joint Buried Service (Open Right)	6
Figure 517 Round Port Plug Valves	½" to 2½"	NPT End, In-Plant/Exposed Service	7
	3" to 20"	Class 125 Flanged In-Plant/Exposed Service	7
	3" to 20"	Class 125 Flanged Buried Service	7
	3" to 20"	Mechanical Joint Buried Service	7
Figure 517 Rectangular Port Plug Valves	24" to 54"	Class 125 Flanged In-Plant/Exposed Service, Standard Port	8
	24" to 54"	Class 125 Flanged In-Plant/Exposed Service, 100% Port	8
	24" to 54"	Mechanical Joint Buried Service, Standard Port	8
	24" to 54"	Mechanical Joint Buried Service, 100% Port	8
Accessories	Wrenches, Chainwheels, Extension Stems, etc.		9
	316SS External Fastener Adders		9
Butterfly Valve Model Numbering System			11
Plug Valve Model Numbering System			12

OCWUT 00034

AWWA C504 Class 150B
PLANT/EXPOSED SERVICE SERIES 800 BUTTERFLY VALVES
CLASS 125 FLANGED

Class 125 Flanged with 10-Position Lever									
Size	Seat	Model	List Price	Weight	Size	Seat	Model	List Price	Weight
3"	EPDM-P	03.00-A804-G-12-PE-ML	\$ 788	31	6"	EPDM-P	06.00-A804-G-12-PE-ML	\$ 867	61
4"	EPDM-P	04.00-A804-G-12-PE-ML	\$ 802	50	8"	EPDM-P	08.00-A804-G-12-PE-ML	\$ 1,024	99

Class 125 Flanged with Above Ground (Exposed) Worm Gear Actuator									
With Handwheel (Standard)					With 2" Operating Nut (Optional)				
Size	Seat	Model	List Price	Weight	Size	Seat	Model	List Price	Weight
3"	EPDM-P	03.00-A804-G-12-PE-WH	\$ 1,010	41	3"	EPDM-P	03.00-A804-G-12-PE-WS	\$ 1,056	41
4"	EPDM-P	04.00-A804-G-12-PE-WH	\$ 1,025	60	4"	EPDM-P	04.00-A804-G-12-PE-WS	\$ 1,071	60
6"	EPDM-P	06.00-A804-G-12-PE-WH	\$ 1,130	78	6"	EPDM-P	06.00-A804-G-12-PE-WS	\$ 1,182	78
8"	EPDM-P	08.00-A804-G-12-PE-WH	\$ 1,330	124	8"	EPDM-P	08.00-A804-G-12-PE-WS	\$ 1,390	124
10"	EPDM-P	10.00-A804-G-12-PE-WH	\$ 1,755	178	10"	EPDM-P	10.00-A804-G-12-PE-WS	\$ 1,835	178
12"	EPDM-P	12.00-A804-G-12-PE-WH	\$ 2,053	236	12"	EPDM-P	12.00-A804-G-12-PE-WS	\$ 2,146	236
14"	EPDM-P	14.00-A804-G-12-PE-WH	\$ 3,012	299	14"	EPDM-P	14.00-A804-G-12-PE-WS	\$ 3,107	299
16"	EPDM-P	16.00-A804-G-12-PE-WH	\$ 3,895	470	16"	EPDM-P	16.00-A804-G-12-PE-WS	\$ 3,992	470
18"	EPDM-P	18.00-A804-G-12-PE-WH	\$ 4,639	509	18"	EPDM-P	18.00-A804-G-12-PE-WS	\$ 4,755	509
20"	EPDM-P	20.00-A804-G-12-PE-WH	\$ 5,441	686	20"	EPDM-P	20.00-A804-G-12-PE-WS	\$ 5,577	686
24"	EPDM-P	24.00-A804-G-12-PE-TH (Notes 4 & 7)	\$ 8,011	935	24"	EPDM-P	24.00-A804-G-12-PE-TS (Notes 4 & 7)	\$ 8,212	935
30"	EPDM-P	30.00-A804-G-12-PE-GR-WH	\$ 19,135	1,625	30"	EPDM-P	30.00-A804-G-12-PE-GR-WS	\$ 19,135	1,625
36"	EPDM-P	36.00-A804-G-12-PE-GR-WH	\$ 23,883	2,225	36"	EPDM-P	36.00-A804-G-12-PE-GR-WS	\$ 23,883	2,225
42"	EPDM-P	42.00-A804-G-12-PE-GR-WH	\$ 37,034	3,335	42"	EPDM-P	42.00-A804-G-12-PE-GR-WS	\$ 37,034	3,355
48"	EPDM-P	48.00-A804-G-12-PE-GR-WH	\$ 42,910	4,235	48"	EPDM-P	48.00-A804-G-12-PE-GR-WS	\$ 42,910	4,235
54"	EPDM-P	54.00-A804-G-12-PE-GR-WH	POA	5,900	54"	EPDM-P	54.00-A804-G-12-PE-GR-WS	POA	5,900
60"	EPDM-P	60.00-A804-G-12-PE-GR-WH	POA	7,450	60"	EPDM-P	60.00-A804-G-12-PE-GR-WS	POA	7,450
66"	EPDM-P	66.00-A804-G-12-PE-GR-WH	POA	9,340	66"	EPDM-P	66.00-A804-G-12-PE-GR-WS	POA	9,340
72"	EPDM-P	72.00-A804-G-12-PE-GR-WH	POA	11,400	72"	EPDM-P	72.00-A804-G-12-PE-GR-WS	POA	11,400

- Prices based on standard ductile iron body, ductile iron disc with 316SS seat edge, EPDM-P (Peroxide Cured) rubber seat in body, 304SS shaft and SS external fasteners. Consult factory for availability of optional Buna-N rubber seat.
- Valve coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- Size 24" and smaller have transfer molded and vulcanized permanent rubber seat, larger size have mechanically retained replaceable rubber seat.
- Replicable seat 24" butterfly valves are available, consult factory for price.
- All valves are coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- 10-Position Lever and worm gear actuators are "open left" (turn lever, handwheel or operating nut counterclockwise to open valve)
- Exposed service 24" uses "open left" traveling nut manual actuator, all other sizes use worm gear.
- Actuators sized for max 80 lb. or rim pull on handwheel or 150 ft-lbs. input torque on operating nut at 150 PSI. Worm gear actuators include visual position indicator and standard handwheel or optional 2" operating nut. Consult factory for lead time with optional 2" operating nut.
- See Page 9 for butterfly valve accessories such as chain wheel, extension stem, stem guide, etc., and optional 316SS external fasteners on exposed valves
- Consult factory for prices of butterfly valves with electric motor, pneumatic or hydraulic actuator.
- POA = Price on Application, contact factory for price

OCWUT 00034

AWWA C504 Class 150B

BURIED SERVICE SERIES 800 BUTTERFLY VALVES

Buried Service Actuator with 2" Operating Nut **OPEN LEFT**

Ductile Iron Body & Disc, 316SS Disc Seat Edge, 304 SS Shaft and Rubber Seat in Body

Class 125 Flanged Ends				
Size	Seat	Model	List Price	Weight
6"	EPDM-P	06.00-A804-G-12-BS-PE-TS	\$ 1,215	78
8"	EPDM-P	08.00-A804-G-12-BS-PE-TS	\$ 1,523	124
10"	EPDM-P	10.00-A804-G-12-BS-PE-TS	\$ 1,972	178
12"	EPDM-P	12.00-A804-G-12-BS-PE-TS	\$ 2,294	236
14"	EPDM-P	14.00-A804-G-12-BS-PE-TS	\$ 3,341	299
16"	EPDM-P	16.00-A804-G-12-BS-PE-TS	\$ 4,210	470
18"	EPDM-P	18.00-A804-G-12-BS-PE-TS	\$ 5,116	509
20"	EPDM-P	20.00-A804-G-12-BS-PE-TS	\$ 5,821	686
24"	EPDM-P	24.00-A804-G-12-BS-PE-TS	\$ 8,323	935
30"	EPDM-P	30.00-A804-G-12-BS-PE-GR-WS	\$ 18,761	1,625
36"	EPDM-P	36.00-A804-G-12-BS-PE-GR-WS	\$ 23,417	2,225
42"	EPDM-P	42.00-A804-G-12-BS-PE-GR-WS	\$ 36,311	3,335
48"	EPDM-P	48.00-A804-G-12-BS-PE-GR-WS	\$ 42,072	4,235
54"	EPDM-P	54.00-A804-G-12-BS-PE-GR-WS	POA	5,900
60"	EPDM-P	60.00-A804-G-12-BS-PE-GR-WS	POA	7,450
66"	EPDM-P	66.00-A804-G-12-BS-PE-GR-WS	POA	9,340
72"	EPDM-P	72.00-A804-G-12-BS-EP-GR-WS	POA	11,400

Mechanical Joint Ends				
Size	Seat	Model	List Price	Weight
6"	EPDM-P	06.00-A804-G-MJ-BS-PE-TS	\$ 1,139	84
8"	EPDM-P	08.00-A804-G-MJ-BS-PE-TS	\$ 1,429	134
10"	EPDM-P	10.00-A804-G-MJ-BS-PE-TS	\$ 1,850	193
12"	EPDM-P	12.00-A804-G-MJ-BS-PE-TS	\$ 2,347	256
14"	EPDM-P	14.00-A804-G-MJ-BS-PE-TS	\$ 3,133	326
16"	EPDM-P	16.00-A804-G-MJ-BS-PE-TS	\$ 4,393	512
18"	EPDM-P	18.00-A804-G-MJ-BS-PE-TS	\$ 5,338	552
20"	EPDM-P	20.00-A804-G-MJ-BS-PE-TS	\$ 6,074	745
24"	EPDM-P	24.00-A804-G-MJ-BS-PE-TS	\$ 8,685	1,013
30"	EPDM-P	30.00-A804-G-MJ-BS-PE-GR-WS	\$ 20,005	1,825
36"	EPDM-P	36.00-A804-G-MJ-BS-PE-GR-WS	\$ 24,969	2,625
42"	EPDM-P	42.00-A804-G-MJ-BS-PE-GR-WS	\$ 38,718	3,700
48"	EPDM-P	48.00-A804-G-MJ-BS-PE-GR-WS	\$ 44,860	5,000

- Prices based on standard ductile iron body, ductile iron disc with 316SS seat edge, EPDM-P (Peroxide Cured) rubber seat in body, 304SS shaft and 316SS external fasteners. Consult factory for availability of optional Buna-N rubber seat.
- Valve coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- Size 24" and smaller have transfer molded and vulcanized permanent rubber seat, larger size have mechanically retained replaceable rubber seat located in the body. Replicable seat 24" butterfly valves are available, consult factory for price.
- All valves are coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- Buried valves 24" and smaller supplied with buried service traveling nut actuator with 2" operating nut, 30" and larger supplied with buried service worm gear actuator with 2" operating nut. Actuators sized for max 150 ft-lbs. input torque on 2" operating nut at 150 PSI.
- Open LEFT actuator means the valve opens when the 2" nut is turned counterclockwise.
- See Page 9 for butterfly valve accessories such as chain wheel, extension stem, stem guide, etc., and optional 316SS external fasteners on exposed valves. Above prices do not include MJ accessories, flange nuts, studs, bolts or gaskets.
- Consult factory for prices of butterfly valves with electric motor, pneumatic or hydraulic actuator.
- POA = Price on Application, contact factory for price

OCWUT 000034

AWWA C504 Class 150B

BURIED SERVICE SERIES 800 BUTTERFLY VALVES

Buried Service Actuator with 2" Operating Nut **OPEN RIGHT**

Ductile Iron Body & Disc, 316SS Disc Seat Edge, 304 SS Shaft and Rubber Seat in Body

Class 125 Flanged Ends				
Size	Seat	Model	List Price	Weight
6"	EPDM-P	06.00-A804-G-12-BS-PE-OR-TS	POA	78
8"	EPDM-P	08.00-A804-G-12-BS-PE-OR-TS	POA	124
10"	EPDM-P	10.00-A804-G-12-BS-PE-OR-TS	POA	178
12"	EPDM-P	12.00-A804-G-12-BS-PE-OR-TS	\$ 2,363	236
14"	EPDM-P	14.00-A804-G-12-BS-PE-OR-TS	\$ 3,441	299
16"	EPDM-P	16.00-A804-G-12-BS-PE-OR-TS	\$ 4,336	470
18"	EPDM-P	18.00-A804-G-12-BS-PE-OR-TS	\$ 5,269	509
20"	EPDM-P	20.00-A804-G-12-BS-PE-OR-TS	\$ 5,996	686
24"	EPDM-P	24.00-A804-G-12-BS-PE-OR-TS	\$ 8,573	935
30"	EPDM-P	30.00-A804-G-12-BS-PE-GR-OR-WS	\$ 18,761	1,625
36"	EPDM-P	36.00-A804-G-12-BS-PE-GR-OR-WS	\$ 23,417	2,225
42"	EPDM-P	42.00-A804-G-12-BS-PE-GR-OR-WS	\$ 36,311	3,335
48"	EPDM-P	48.00-A804-G-12-BS-PE-GR-OR-WS	\$ 42,072	4,235
54"	EPDM-P	54.00-A804-G-12-BS-PE-GR-OR-WS	POA	5,900
60"	EPDM-P	60.00-A804-G-12-BS-PE-GR-OR-WS	POA	7,450
66"	EPDM-P	66.00-A804-G-12-BS-PE-GR-OR-WS	POA	9,340
72"	EPDM-P	72.00-A804-G-12-BS-PE-GR-OR-WS	POA	11,400

Mechanical Joint Ends				
Size	Seat	Model	List Price	Weight
6"	EPDM-P	06.00-A804-G-MJ-BS-PE-OR-TS	POA	84
8"	EPDM-P	08.00-A804-G-MJ-BS-PE-OR-TS	POA	134
10"	EPDM-P	10.00-A804-G-MJ-BS-PE-OR-TS	POA	193
12"	EPDM-P	12.00-A804-G-MJ-BS-PE-OR-TS	\$ 2,466	256
14"	EPDM-P	14.00-A804-G-MJ-BS-PE-OR-TS	\$ 3,291	326
16"	EPDM-P	16.00-A804-G-MJ-BS-PE-OR-TS	\$ 4,524	512
18"	EPDM-P	18.00-A804-G-MJ-BS-PE-OR-TS	\$ 5,498	552
20"	EPDM-P	20.00-A804-G-MJ-BS-PE-OR-TS	\$ 6,257	745
24"	EPDM-P	24.00-A804-G-MJ-BS-PE-OR-TS	\$ 8,946	1,013
30"	EPDM-P	30.00-A804-G-MJ-BS-PE-GR-OR-WS	\$ 19,614	1,825
36"	EPDM-P	36.00-A804-G-MJ-BS-PE-GR-OR-WS	\$ 24,481	2,625
42"	EPDM-P	42.00-A804-G-MJ-BS-PE-GR-OR-WS	\$ 37,962	3,700
48"	EPDM-P	48.00-A804-G-MJ-BS-PE-GR-OR-WS	\$ 43,984	5,000

- Prices based on standard ductile iron body, ductile iron disc with 316SS seat edge, EPDM-P (Peroxide Cured) rubber seat in body, 304SS shaft and 316SS external fasteners. Consult factory for availability of optional Buna-N rubber seat.
- Valve coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- Size 24" and smaller have transfer molded and vulcanized permanent rubber seat, larger size have mechanically retained replaceable rubber seat located in the body. Replicable seat 24" butterfly valves are available, consult factory for price.
- All valves are coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- Buried valves 24" and smaller supplied with buried service traveling nut actuator with 2" operating nut, 30" and larger supplied with buried service worm gear actuator with 2" operating nut. Actuators sized for max 150 ft-lbs. input torque on 2" operating nut at 150 PSI.
- Open **RIGHT** actuator means the valve opens when the 2" nut is turned clockwise.
- See Page 9 for butterfly valve accessories such as chain wheel, extension stem, stem guide, etc., and optional 316SS external fasteners on exposed valves. Above prices do not include MJ accessories, flange nuts, studs, bolts or gaskets.
- Consult factory for prices of butterfly valves with electric motor, pneumatic or hydraulic actuator.
- POA = Price on Application, contact factory for price

OCWUT 000034

AWWA C504 Class 250B
PLANT/EXPOSED SERVICE SERIES 800 BUTTERFLY VALVES
CLASS 125 FLANGED

Above Ground Worm Gear Actuator with Visual Position Indicator									
With Handwheel					With 2" Operating Nut				
Size	Seat	Model	List Price	Weight	Size	Seat	Model	List Price	Weight
3"	EPDM-P	03.00-A804-G-12-25-PE-WH	\$ 1,280	41	3"	EPDM-P	03.00-A804-G-12-25-PE-WS	\$ 1,326	41
4"	EPDM-P	04.00-A804-G-12-25-PE-WH	\$ 1,300	60	4"	EPDM-P	04.00-A804-G-12-25-PE-WS	\$ 1,346	60
6"	EPDM-P	06.00-A804-G-12-25-PE-WH	\$ 1,434	78	6"	EPDM-P	06.00-A804-G-12-25-PE-WS	\$ 1,485	78
8"	EPDM-P	08.00-A804-G-12-25-PE-WH	\$ 1,685	124	8"	EPDM-P	08.00-A804-G-12-25-PE-WS	\$ 1,746	124
10"	EPDM-P	10.00-A804-G-12-25-PE-WH	\$ 2,227	178	10"	EPDM-P	10.00-A804-G-12-25-PE-WS	\$ 2,307	178
12"	EPDM-P	12.00-A804-G-12-25-PE-WH	\$ 2,603	236	12"	EPDM-P	12.00-A804-G-12-25-PE-WS	\$ 2,696	236
14"	EPDM-P	14.00-A804-G-12-25-PE-WH	\$ 3,818	299	14"	EPDM-P	14.00-A804-G-12-25-PE-WS	\$ 3,914	299
16"	EPDM-P	16.00-A804-G-12-25-PE-WH	\$ 4,734	470	16"	EPDM-P	16.00-A804-G-12-25-PE-WS	\$ 4,831	470
18"	EPDM-P	18.00-A804-G-12-25-PE-WH	\$ 5,727	509	18"	EPDM-P	18.00-A804-G-12-25-PE-WS	\$ 5,843	509
20"	EPDM-P	20.00-A804-G-12-25-PE-WH	\$ 6,766	686	20"	EPDM-P	20.00-A804-G-12-25-PE-WS	\$ 6,902	686
24"	EPDM-P	24.00-A804-G-12-25-PE-TH (Notes 5 & 8)	\$ 9,963	935	24"	EPDM-P	24.00-A804-G-12-25-PE-TS (Notes 5 & 8)	\$ 10,163	935
30"	EPDM-P	30.00-A804-G-12-PE-GR-WH	\$ 23,640	1,625	30"	EPDM-P	30.00-A804-G-12-PE-GR-WS	\$ 23,640	1,625
36"	EPDM-P	36.00-A804-G-12-PE-GR-WH	\$ 29,270	2,225	36"	EPDM-P	36.00-A804-G-12-PE-GR-WS	\$ 29,270	2,225
42"	EPDM-P	42.00-A804-G-12-PE-GR-WH	\$ 45,839	3,335	42"	EPDM-P	42.00-A804-G-12-PE-GR-WS	\$ 45,839	3,335
48"	EPDM-P	48.00-A804-G-12-PE-GR-WH	\$ 54,420	4,235	48"	EPDM-P	48.00-A804-G-12-PE-GR-WS	\$ 54,420	4,235

- Valves are Pressure Class 250B (250 PSI max pressure) with ANSI Class 125 flanges
- Prices based on standard ductile iron body, ductile iron disc with 316SS seat edge, EPDM-P (Peroxide Cured) rubber seat in body, 17-4PH SS shaft and SS external fasteners. Consult factory for availability of optional Buna-N rubber seat.
- Valve coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- Size 24" and smaller have transfer molded and vulcanized permanent rubber seat, larger size have mechanically retained replaceable rubber seat.
- Replicable seat 24" butterfly valves are available, consult factory for price.
- All valves are coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- 10-Position Lever and worm gear actuators are "open left" (turn lever, handwheel or operating nut counterclockwise to open valve)
- Exposed service 24" uses "open left" traveling nut manual actuator, all other sizes use worm gear.
- Actuators sized for max 80 lb. or rim pull on handwheel or 150 ft-lbs. input torque on operating nut at 250 PSI. Worm gear actuators include visual position indicator and standard handwheel or optional 2" operating nut. Consult factory for lead time with optional 2" operating nut.
- See Page 9 for butterfly valve accessories such as chain wheel, extension stem, stem guide, etc.
- Consult factory for prices of butterfly valves with electric motor, pneumatic or hydraulic actuator.
- POA = Price on Application, contact factory for price

OCWUT 000034

AWWA C504 Class 250B

BURIED SERVICE SERIES 800 BUTTERFLY VALVES

Buried Service Actuator with 2" Operating Nut **OPEN LEFT**

Ductile Iron Body & Disc, 316SS Disc Seat Edge, 17-4PH SS Shaft and Rubber Seat in Body

Class 125 Flanged Ends				
Size	Seat	Model	List Price	Weight
6"	EPDM-P	06.00-A804-G-12-25-BS-PE-TS	\$ 1,491	78
8"	EPDM-P	08.00-A804-G-12-25-BS-PE-TS	\$ 1,849	124
10"	EPDM-P	10.00-A804-G-12-25-BS-PE-TS	\$ 2,404	178
12"	EPDM-P	12.00-A804-G-12-25-BS-PE-TS	\$ 2,735	236
14"	EPDM-P	14.00-A804-G-12-25-BS-PE-TS	\$ 4,083	299
16"	EPDM-P	16.00-A804-G-12-25-BS-PE-TS	\$ 5,234	470
18"	EPDM-P	18.00-A804-G-12-25-BS-PE-TS	\$ 5,924	509
20"	EPDM-P	20.00-A804-G-12-25-BS-PE-TS	\$ 6,968	686
24"	EPDM-P	24.00-A804-G-12-25-BS-PE-TS	\$ 10,255	935
30"	EPDM-P	30.00-A804-G-12-25-BS-PE-GR-WS	\$ 23,640	1,625
36"	EPDM-P	36.00-A804-G-12-25-BS-PE-GR-WS	\$ 29,270	2,225
42"	EPDM-P	42.00-A804-G-12-25-BS-PE-GR-WS	\$ 45,839	3,335
48"	EPDM-P	48.00-A804-G-12-25-BS-PE-GR-WS	\$ 54,420	4,235

Mechanical Joint Ends				
Size	Seat	Model	List Price	Weight
6"	EPDM-P	06.00-A804-G-MJ-25-BS-PE-TS	\$ 1,432	84
8"	EPDM-P	08.00-A804-G-MJ-25-BS-PE-TS	\$ 1,775	134
10"	EPDM-P	10.00-A804-G-MJ-25-BS-PE-TS	\$ 2,307	193
12"	EPDM-P	12.00-A804-G-MJ-25-BS-PE-TS	\$ 2,859	256
14"	EPDM-P	14.00-A804-G-MJ-25-BS-PE-TS	\$ 3,919	326
16"	EPDM-P	16.00-A804-G-MJ-25-BS-PE-TS	\$ 5,459	512
18"	EPDM-P	18.00-A804-G-MJ-25-BS-PE-TS	\$ 6,179	552
20"	EPDM-P	20.00-A804-G-MJ-25-BS-PE-TS	\$ 7,254	745
24"	EPDM-P	24.00-A804-G-MJ-25-BS-PE-TS	\$ 10,675	1,013
30"	EPDM-P	30.00-A804-G-MJ-25-BS-PE-GR-WS	\$ 24,715	1,825
36"	EPDM-P	36.00-A804-G-MJ-25-BS-PE-GR-WS	\$ 30,600	2,625
42"	EPDM-P	42.00-A804-G-MJ-25-BS-PE-GR-WS	\$ 47,922	3,700
48"	EPDM-P	48.00-A804-G-MJ-25-BS-PE-GR-WS	\$ 56,893	5,000

- Prices based on standard ductile iron body, ductile iron disc with 316SS seat edge, EPDM-P (Peroxide Cured) rubber seat in body, 17-4 PH SS shaft and 316SS external fasteners. Consult factory for availability of optional Buna-N rubber seat.
- Valve coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- Size 24" and smaller have transfer molded and vulcanized permanent rubber seat, larger size have mechanically retained replaceable rubber seat located in the body. Replicable seat 24" butterfly valves are available, consult factory for price.
- All valves are coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- Buried valves 24" and smaller supplied with buried service traveling nut actuator with 2" operating nut, 30" and larger supplied with buried service worm gear actuator with 2" operating nut. Actuators sized for max 150 ft-lbs. input torque on 2" operating nut at 250 PSI.
- Open LEFT actuator means the valve opens when the 2" nut is turned counterclockwise.
- See Page 9 for butterfly valve accessories such as chain wheel, extension stem, stem guide, etc., and optional 316SS external fasteners on exposed valves. Above prices do not include MJ accessories, flange nuts, studs, bolts or gaskets.
- Consult factory for prices of butterfly valves with electric motor, pneumatic or hydraulic actuator.
- POA = Price on Application, contact factory for price

OCWUT 00034

AWWA C504 Class 250B

BURIED SERVICE SERIES 800 BUTTERFLY VALVES

Buried Service Actuator with 2" Operating Nut **OPEN RIGHT**

Ductile Iron Body & Disc, 316SS Disc Seat Edge, 17-4PH SS Shaft and Rubber Seat in Body

Class 125 Flanged Ends					Mechanical Joint Ends				
Size	Seat	Model	List Price	Weight	Size	Seat	Model	List Price	Weight
6"	EPDM-P	06.00-A804-G-12-25-BS-PE-OR-TS	POA	78	6"	EPDM-P	06.00-A804-G-MJ-25-BS-PE-OR-TS	POA	84
8"	EPDM-P	08.00-A804-G-12-25-BS-PE-OR-TS	POA	124	8"	EPDM-P	08.00-A804-G-MJ-25-BS-PE-OR-TS	POA	134
10"	EPDM-P	10.00-A804-G-12-25-BS-PE-OR-TS	POA	178	10"	EPDM-P	10.00-A804-G-MJ-25-BS-PE-OR-TS	POA	193
12"	EPDM-P	12.00-A804-G-12-25-BS-PE-OR-TS	\$ 2,817	236	12"	EPDM-P	12.00-A804-G-MJ-25-BS-PE-OR-TS	\$ 2,944	256
14"	EPDM-P	14.00-A804-G-12-25-BS-PE-OR-TS	\$ 4,205	299	14"	EPDM-P	14.00-A804-G-MJ-25-BS-PE-OR-TS	\$ 4,037	326
16"	EPDM-P	16.00-A804-G-12-25-BS-PE-OR-TS	\$ 5,391	470	16"	EPDM-P	16.00-A804-G-MJ-25-BS-PE-OR-TS	\$ 5,622	512
18"	EPDM-P	18.00-A804-G-12-25-BS-PE-OR-TS	\$ 6,102	509	18"	EPDM-P	18.00-A804-G-MJ-25-BS-PE-OR-TS	\$ 6,365	552
20"	EPDM-P	20.00-A804-G-12-25-BS-PE-OR-TS	\$ 7,177	686	20"	EPDM-P	20.00-A804-G-MJ-25-BS-PE-OR-TS	\$ 7,471	745
24"	EPDM-P	24.00-A804-G-12-25-BS-PE-OR-TS	\$ 10,562	935	24"	EPDM-P	24.00-A804-G-MJ-25-BS-PE-OR-TS	\$ 10,995	1,013
30"	EPDM-P	30.00-A804-G-12-25-BS-PE-GR-OR-WS	\$ 23,639	1,625	30"	EPDM-P	30.00-A804-G-MJ-25-BS-PE-GR-OR-WS	\$ 24,715	1,825
36"	EPDM-P	36.00-A804-G-12-25-BS-PE-GR-OR-WS	\$ 29,270	2,225	36"	EPDM-P	36.00-A804-G-MJ-25-BS-PE-GR-OR-WS	\$ 30,600	2,625
42"	EPDM-P	42.00-A804-G-12-25-BS-PE-GR-OR-WS	\$ 45,839	3,335	42"	EPDM-P	42.00-A804-G-MJ-25-BS-PE-GR-OR-WS	\$ 47,922	3,700
48"	EPDM-P	48.00-A804-G-12-25-BS-PE-GR-OR-WS	\$ 54,420	4,235	48"	EPDM-P	48.00-A804-G-MJ-25-BS-PE-GR-OR-WS	\$ 56,893	5,000

- Prices based on standard ductile iron body, ductile iron disc with 316SS seat edge, EPDM-P (Peroxide Cured) rubber seat in body, 17-4PH SS shaft and 316SS external fasteners. Consult factory for availability of optional Buna-N rubber seat.
- Valve coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- Size 24" and smaller have transfer molded and vulcanized permanent rubber seat, larger size have mechanically retained replaceable rubber seat located in the body. Replicable seat 24" butterfly valves are available, consult factory for price.
- All valves are coated with minimum 6 mil Amerlok 400 NSF-61 epoxy.
- Buried valves 24" and smaller supplied with buried service traveling nut actuator with 2" operating nut, 30" and larger supplied with buried service worm gear actuator with 2" operating nut. Actuators sized for max 150 ft-lbs. input torque on 2" operating nut at 250 PSI.
- Open **RIGHT** actuator means the valve opens when the 2" nut is turned clockwise.
- See Page 9 for butterfly valve accessories such as chain wheel, extension stem, stem guide, etc., and optional 316SS external fasteners on exposed valves. Above prices do not include MJ accessories, flange nuts, studs, bolts or gaskets.
- Consult factory for prices of butterfly valves with electric motor, pneumatic or hydraulic actuator.
- POA = Price on Application, contact factory for price

OCWUT 000034

AWWA C517 ECCENTRIC PLUG VALVES

Figure 517 ECO-Centric Round Port

Epoxy Coated Ductile Iron Body and Cover, Buna-N Rubber Coated Ductile Iron Plug, Nickel Body Seat¹

NPT Ends, Lever Operated

Size	Rating	Model	List Price	Weight	Size	Rating	Model	List Price	Weight
½"	175 PSI	00.50-A517-G-00-ML-TC	\$ 183	4	2"	175 PSI	02.00-A517-G-00-ML-TC	\$ 358	13
1"	175 PSI	01.00-A517-G-00-ML-TC	\$ 230	5	2½"	175 PSI	02.50-A517-G-00-ML-TC	\$ 448	20
1½"	175 PSI	01.50-A517-G-00-ML-TC	\$ 300	9					

Direct Nut, Torque Collar (Lever/Wrench Operated - SEE NOTE 3)

Size	Class 125 Flanged				Size	Mechanical Joint			
	Rating	Model	List Price	Weight		Rating	Model	List Price	Weight
3"	175 PSI	03.00-B517-G-12-TC	\$ 572	50	3"	175 PSI	03.00-B517-G-MJ-TC	\$ 572	60
4"	175 PSI	04.00-B517-G-12-TC	\$ 677	85	4"	175 PSI	04.00-B517-G-MJ-TC	\$ 677	95
6"	175 PSI	06.00-B517-G-12-TC	\$ 1,054	125	6"	175 PSI	06.00-B517-G-MJ-TC	\$ 1,054	140
8"	175 PSI	08.00-B517-G-12-TC	\$ 1,613	230	8"	175 PSI	08.00-B517-G-MJ-TC	\$ 1,613	255

Above Ground or Exposed Service Worm Gear Actuator with Handwheel or 2" Operating Nut (Note 2)

Class 125 Flanged

Size	Rating	Model	List Price	Weight	Size	Rating	Model	List Price	Weight
3"	175 PSI	03.00-B517-G-12-WH	\$ 799	75	3"	175 PSI	03.00-B517-G-12-WS	\$ 845	75
4"	175 PSI	04.00-B517-G-12-WH	\$ 969	115	4"	175 PSI	04.00-B517-G-12-WS	\$ 1,016	115
6"	175 PSI	06.00-B517-G-12-WH	\$ 1,384	175	6"	175 PSI	06.00-B517-G-12-WS	\$ 1,434	175
8"	175 PSI	08.00-B517-G-12-WH	\$ 2,020	305	8"	175 PSI	08.00-B517-G-12-WS	\$ 2,080	305
10"	175 PSI	10.00-B517-G-12-WH	\$ 3,121	395	10"	175 PSI	10.00-B517-G-12-WS	\$ 3,200	395
12"	175 PSI	12.00-B517-G-12-WH	\$ 4,131	490	12"	175 PSI	12.00-B517-G-12-WS	\$ 4,224	490
14"	150 PSI	14.00-B517-G-12-WH	\$ 5,541	760	14"	150 PSI	14.00-B517-G-12-WS	\$ 5,637	760
16"	150 PSI	16.00-B517-G-12-WH	\$ 7,118	955	16"	150 PSI	16.00-B517-G-12-WS	\$ 7,215	955
18"	150 PSI	18.00-B517-G-12-WH	\$ 9,475	1,255	18"	150 PSI	18.00-B517-G-12-WS	\$ 9,591	1,255
20"	150 PSI	20.00-B517-G-12-WH	\$ 13,699	2,005	20"	150 PSI	20.00-B517-G-12-WS	\$ 13,835	2,005

Buried Service Worm Gear Actuator with Standard 2" Operating Nut

Class 125 Flanged					Mechanical Joint				
Size	Rating	Model	List Price	Weight	Size	Rating	Model	List Price	Weight
3"	175 PSI	03.00-B517-G-12-BS-WS	\$ 872	75	3"	175 PSI	03.00-B517-G-MJ-BS-WS	\$ 819	85
4"	175 PSI	04.00-B517-G-12-BS-WS	\$ 1,328	115	4"	175 PSI	04.00-B517-G-MJ-BS-WS	\$ 1,247	125
6"	175 PSI	06.00-B517-G-12-BS-WS	\$ 1,701	175	6"	175 PSI	06.00-B517-G-MJ-BS-WS	\$ 1,598	170
8"	175 PSI	08.00-B517-G-12-BS-WS	\$ 2,494	305	8"	175 PSI	08.00-B517-G-MJ-BS-WS	\$ 2,342	330
10"	175 PSI	10.00-B517-G-12-BS-WS	\$ 3,328	395	10"	175 PSI	10.00-B517-G-MJ-BS-WS	\$ 3,125	450
12"	175 PSI	12.00-B517-G-12-BS-WS	\$ 4,257	490	12"	175 PSI	12.00-B517-G-MJ-BS-WS	\$ 3,998	525
14"	150 PSI	14.00-B517-G-12-BS-WS	\$ 6,982	760	14"	150 PSI	14.00-B517-G-MJ-BS-WS	\$ 6,557	830
16"	150 PSI	16.00-B517-G-12-BS-WS	\$ 8,813	955	16"	150 PSI	16.00-B517-G-MJ-BS-WS	\$ 8,277	1,050
18"	150 PSI	18.00-B517-G-12-BS-WS	\$ 11,351	1,255	18"	150 PSI	18.00-B517-G-MJ-BS-WS	\$ 10,660	1,420
20"	150 PSI	20.00-B517-G-12-BS-WS	\$ 15,650	2,003	20"	150 PSI	20.00-B517-G-MJ-BS-WS	\$ 14,698	2,095

- Nickel body seat provided in 3" to 20" valves
- Refer to factory for lead time for valves with optional 2" nut.
- Price of 3" to 8" lever/wrench operated plug valves does not include the lever/wrench. See Page 9 for lever/wrench prices.
- All plug valves are "open left" (turn handwheel, lever or nut counterclockwise to open). Worm gear actuators sized to operate valve with 80 lb. rim pull on handwheel or 150 ft-lb input torque on 2" nut at full rated pressure.
- Valves coated on internal non-machined, wetted iron surfaces and on external iron surfaces with Amerlok 400 epoxy, 6 mil minimum
- 316SS external fasteners are standard and included in the price for both exposed and buried service round port plug valves.
- See Page 9 for prices of plug valve accessories such as wrenches, chain wheel, extension stem, stem guide, etc.,
- Consult factory for prices of plug valves with electric motor, pneumatic or hydraulic actuator
- Pricing does not include MJ accessories, flange nuts, bolts or gaskets.

OCWUT 00034

FIGURE A517 ECCENTRIC PLUG VALVES

STANDARD AND 100% RECTANGULAR PORT

Epoxy Coated Ductile Iron Body and Cover, Buna-N Rubber Coated Ductile Iron Plug, Welded Nickel Body Seat, 304SS Fastener

Class 125 Flanged with Above Ground (Exposed Service) Worm Gear and Handwheel

Standard Port					100% Port				
Size	MWP	Model	List Price	Weight	Size	MWP	Model	List Price	Weight
24"	150 PSI	24.00-A517-G-12-GR-R8-WH	\$ 28,945	3,000	24"	150 PSI	24.00-A517-G-12-GR-RF-WH	\$ 33,951	3,250
30"	150 PSI	30.00-A517-G-12-GR-R8-WH	\$ 51,786	5,600	30"	150 PSI	30.00-A517-G-12-GR-RF-WH	\$ 60,062	5,980
36"	150 PSI	36.00-A517-G-12-GR-R8-WH	\$ 53,401	7,750	36"	150 PSI	36.00-A517-G-12-GR-RF-WH	\$ 78,861	9,665
42"	150 PSI	42.00-A517-G-12-GR-R8-WH	POA		42"	150 PSI	42.00-A517-G-12-GR-RF-WH	POA	
48"	150 PSI	48.00-A517-G-12-GR-R8-WH	POA		48"	150 PSI	48.00-A517-G-12-GR-RF-WH	POA	

Class 125 Flanged with Above Ground (Exposed Service) Worm Gear and 2" Operating Nut

Standard Port					100% Port				
Size	MWP	Model	List Price	Weight	Size	MWP	Model	List Price	Weight
24"	150 PSI	24.00-A517-G-12-GR-R8-WS	\$ 28,945	3,000	24"	150 PSI	24.00-A517-G-12-GR-RF-WS	\$ 33,951	3,250
30"	150 PSI	30.00-A517-G-12-GR-R8-WS	\$ 51,786	5,600	30"	150 PSI	30.00-A517-G-12-GR-RF-WS	\$ 60,062	5,980
36"	150 PSI	36.00-A517-G-12-GR-R8-WS	\$ 53,401	7,750	36"	150 PSI	36.00-A517-G-12-GR-RF-WS	\$ 78,861	9,665
42"	150 PSI	42.00-A517-G-12-GR-R8-WS	POA		42"	150 PSI	42.00-A517-G-12-GR-RF-WS	POA	
48"	150 PSI	48.00-A517-G-12-GR-R8-WS	POA		48"	150 PSI	48.00-A517-G-12-GR-RF-WS	POA	

Class 125 Flanged with Buried Service Worm Gear and 2" Operating Nut

Standard Port					100% Port				
Size	MWP	Model	List Price	Weight	Size	MWP	Model	List Price	Weight
24"	150 PSI	24.00-A517-G-12-BS-GR-R8-WS	\$ 28,945	3,000	24"	150 PSI	24.00-A517-G-12-BS-GR-RF-WS	\$ 33,951	3,250
30"	150 PSI	30.00-A517-G-12-BS-GR-R8-WS	\$ 51,786	5,600	30"	150 PSI	30.00-A517-G-12-BS-GR-RF-WS	\$ 60,062	5,980
36"	150 PSI	36.00-A517-G-12-BS-GR-R8-WS	\$ 53,401	7,750	36"	150 PSI	36.00-A517-G-12-BS-GR-RF-WS	\$ 78,861	9,665
42"	150 PSI	42.00-A517-G-12-BS-GR-R8-WS	POA		42"	150 PSI	42.00-A517-G-12-BS-GR-RF-WS	POA	
48"	150 PSI	48.00-A517-G-12-BS-GR-R8-WS	POA		48"	150 PSI	48.00-A517-G-12-BS-GR-RF-WS	POA	

Mechanical Joint (MJ) with Buried Service Worm Gear and 2" Operating Nut

Standard Port					100% Port				
Size	MWP	Model	List Price	Weight	Size	MWP	Model	List Price	Weight
24"	150 PSI	24.00-A517-G-MJ-BS-GR-R8-WS	\$ 31,369	2,960	24"	150 PSI	24.00-A517-G-MJ-BS-GR-RF-WS	\$ 35,232	3,160
30"	150 PSI	30.00-A517-G-MJ-BS-GR-R8-WS	\$ 52,241	5,950	30"	150 PSI	30.00-A517-G-MJ-BS-GR-RF-WS	\$ 60,517	5,840
36"	150 PSI	36.00-A517-G-MJ-BS-GR-R8-WS	\$ 68,507	7,650	36"	150 PSI	36.00-A517-G-MJ-BS-GR-RF-WS	\$ 83,882	9,515
42"	150 PSI	42.00-A517-G-MJ-BS-GR-R8-WS	POA		42"	150 PSI	42.00-A517-G-MJ-BS-GR-RF-WS	POA	
48"	150 PSI	48.00-A517-G-MJ-BS-GR-R8-WS	POA		48"	150 PSI	48.00-A517-G-MJ-BS-GR-RF-WS	POA	

1. All plug valves are "open left" (turn handwheel, lever or nut counterclockwise to open). Worm gear actuators sized to operate valve with 80 lb. rim pull on handwheel or 150 ft-lb input torque on 2" nut at full rated pressure.
2. Valves coated on internal non-machined, wetted iron surfaces and on external iron surfaces with Amerlok 400 epoxy, 6 mil minimum
3. Rectangular port plug valves are standard with 304SS external fasteners. See page 9 for additional cost for optional 316SS external fasteners
4. See Page 9 for prices of plug valve accessories such as wrenches, chain wheel, extension stem, stem guide, etc.,
5. Consult factory for prices of plug valves with electric motor, pneumatic or hydraulic actuator
6. Pricing does not include MJ accessories, flange nuts, bolts or gaskets.
7. POA = Price on Application, consult factory for pricing

Accessories/Options

Figure 517 Eccentric Plug Valves & Series 800 Butterfly Valves

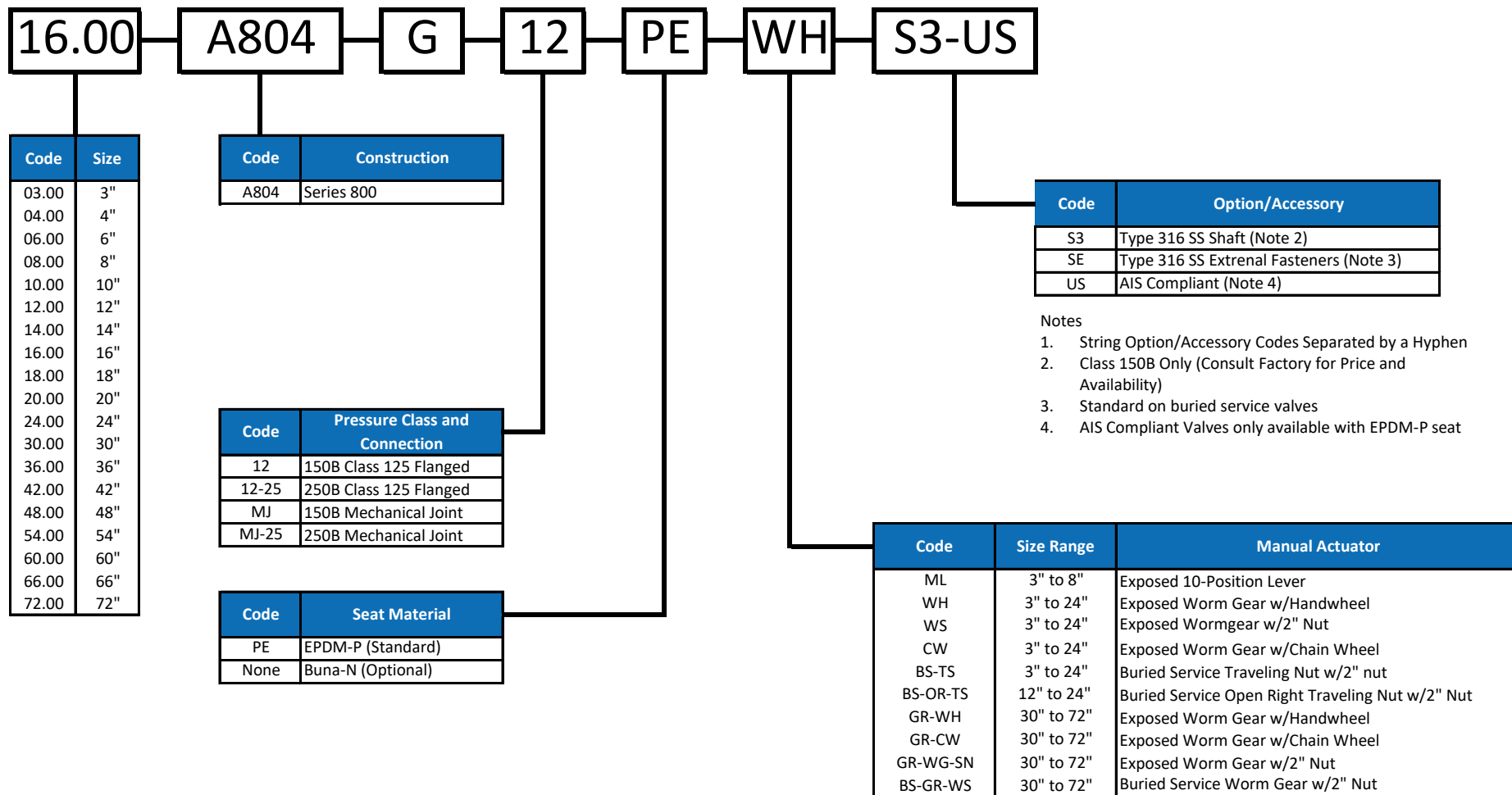
DESCRIPTION			LIST PRICE
Wrench Lever for 3" to 8" Direct Nut (Quarter Turn) Plug Valves			\$ 72
Ductile Iron Chainwheel for 3" Wormgear Operated Plug Valve			\$ 240
Ductile Iron Chainwheel for 4" to 12" Wormgear Operated Plug Valve			\$ 367
Ductile Iron Chainwheel for 14" to 24" Wormgear Operated Plug Valve			\$ 1,055
Ductile Iron Chainwheel for 3" to 12" Wormgear Operated Butterfly Valve			\$ 367
Ductile Iron Chainwheel for 14" to 24" Wormgear Operated Butterfly Valve			\$ 1,055
Galvanized Chain, per foot.			\$ 9
5 ft. Long Carbon Steel Extension Stem, 2" male nut on top and 2" female socket on bottom			\$ 560
Additional extension stem length, per foot (15 ft. maximum total length)			\$ 56
Set of (2) carbon steel universal joints			\$ 1,630
Bronze bushed ductile iron stem guide, adjustable 2" to 26"			\$ 648
Bronze bushed ductile iron stem guide, adjustable 27" to 36"			\$ 810
Option Code SE	EXPOSED SERVICE SERIES 800 BUTTERFLY VALVES OPTIONAL 316 STAINLESS STEEL EXTERNAL FASTENERS (See Note 6)	3" to 12"	\$ 225
		14" to 24"	\$ 251
		30" to 36"	\$ 401
		42" to 48"	\$ 564
		54" to 72"	POA
	EXPOSED SERVICE RECTANGULAR PORT PLUG VALVES OPTIONAL 316 STAINLESS STEEL EXTERNAL FASTENERS (See Note 7)	24"	\$ 565
		30"	\$ 633
		36"	\$ 870
		42"	POA
		48"	POA

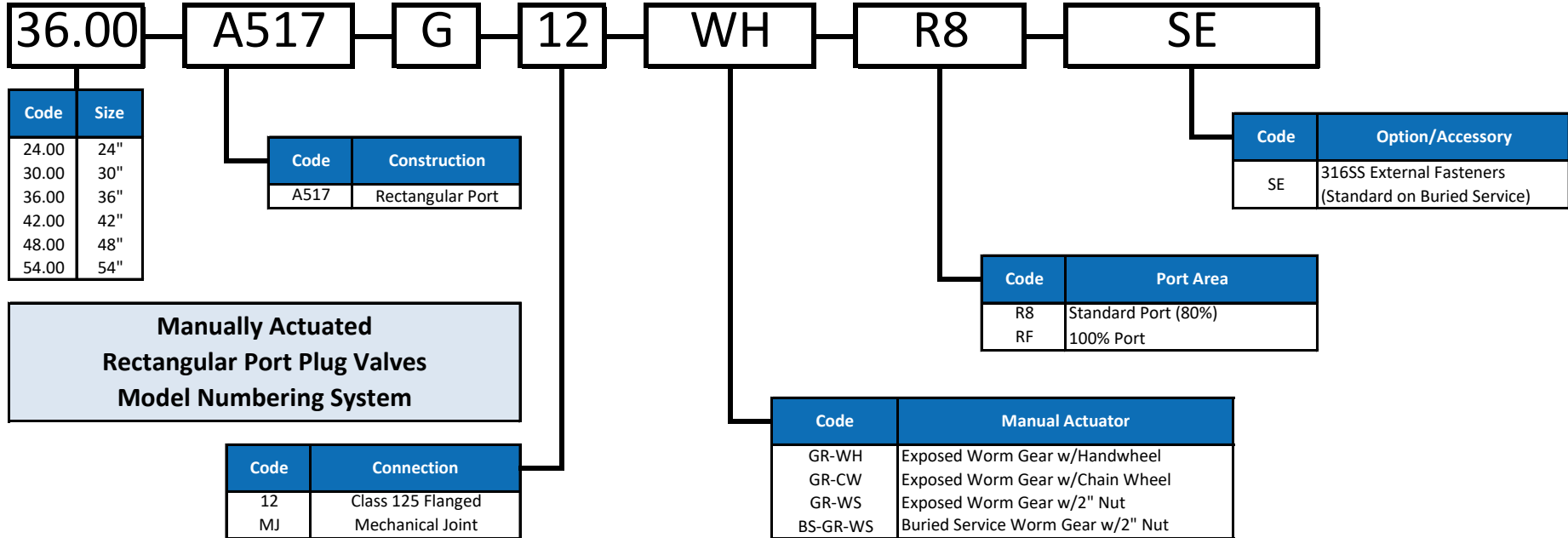
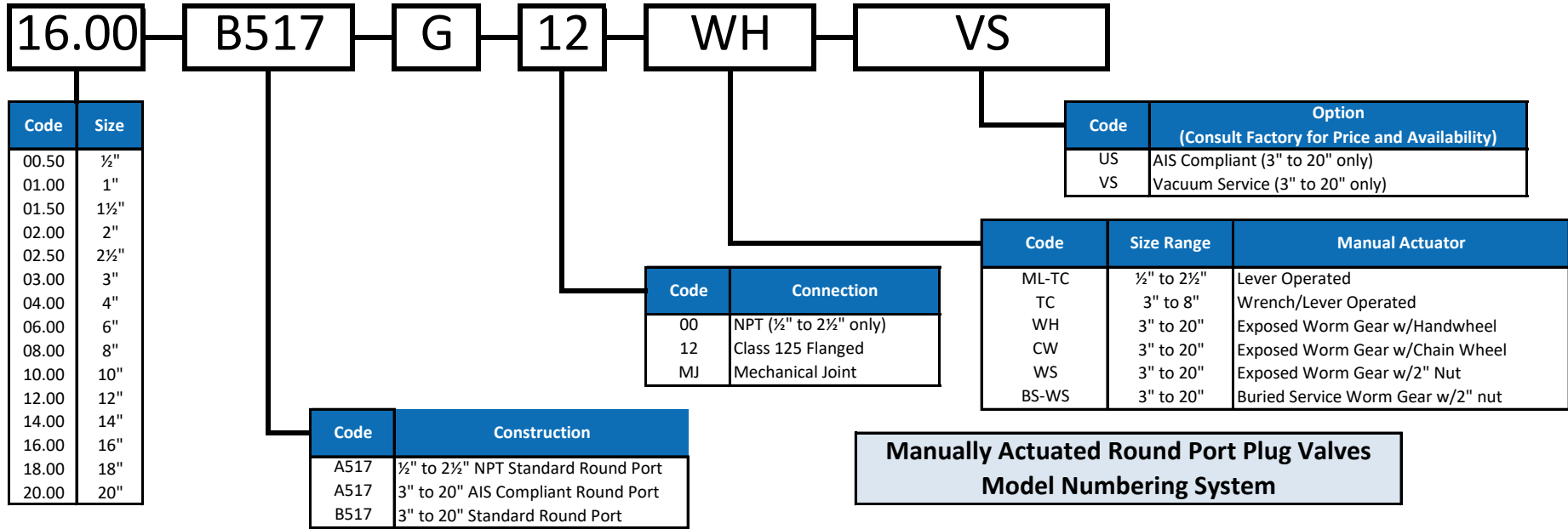
NOTES:

1. Add price of accessories/options to price of valve
2. Standard chain wheel is ductile iron, "sprocket type" and standard chain is single loop galvanized "cut steel."
3. Consult factory for price of chainwheels for larger valves and/or SS chainwheels and SS chain
4. Standard extension stem is 1-1/4" Schedule 40 steel pipe. Consult factory for price of other materials
5. Consult factory for price of floor stands, extended bonnets and any other accessory not listed above.
6. Buried service Series 800 butterfly valves are standard with 316 stainless steel external fasteners. Exposed service butterfly valves are standard with zinc plated steel external fasteners. For 316 stainless steel external fasteners on exposed service valves, append "SE" to base valve model number and add above cost to its list price.
7. Exposed *and* buried service round port plug valves and buried service rectangular port plug valves are standard with 316SS external fasteners. Exposed and buried service rectangular port plug valves are standard with 304SS external fasteners. For 316 stainless steel external fasteners, append "SE" to base valve model number and add the above cost to its list price.

OCWUT 00034

Manually Actuated Series 800 Butterfly Valve Numbering System





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Payment Terms Net 30 Days from invoice with approved credit

Prices Prices are Ex-Works (FOB Factory), domestic pack, exclusive of taxes

Request for Quote E-mail requests for quotes to: quotes-ga@vag-group.com. Include applicable specifications and valve list with size and quantity.

Orders Orders accepted by the factory may not be cancelled or shipment deferred without prior written consent and shall be subject to cancellation charges. Add-ons to existing orders only with factory approval. E-mail orders to: orders-ga@vag-group.com

Returns New and unused material will be accepted for return only if accompanied by a "Return Authorization Number" issued by the factory and clearly indicated on the return shipping label and/or packing list. All returns must be pre-paid and may be subject to a re-stocking charge.

Shipments Orders meeting "freight allowed" minimums must be dispatched in a in single shipment in a box truck to a single destination. Customer directed partial shipments and/or open top trucks may incur additional charge.

Claims All claims for shortages and/or damage MUST be made in writing within five (5) days after receipt of shipment.

Warranty All products are covered by VAG USA LLC Standard Warranty, a copy of which is available upon request.

AIS & BABA Check valves with "US" in the Model Number comply with the requirements of American Iron & Steel (AIS) and Build America/Buy America (BABA). Request certification documentation at time of order.

Revised 5-22-23

Type	Figure Number	Description	Page
Custom Heavy Duty Swing Check Valves	220	Lever & Weight	1
	221	Single Increasing Lever & Weight	1
	222	Double Increasing Lever & Weight	1
	230	Lever & Spring	2
	231	Single Increasing Lever & Spring	2
	232	Double Increasing Lever & Spring	2
	250	Air-Cushioned, Lever & Weight	3
	251	Air-Cushioned, Lever & Weight, Single Increasing	3
	252	Air-Cushioned, Lever & Weight, Double Increasing	3
	250OC	Oil-Cushioned, Lever & Weight	4
Ludlow Swing Check Valves	340W	Lever & Weight	5
	340S	Lever & Spring	5
	350W	Cushioned Lever & Weight	5
Rubber Flapper Check Valves	200	Plain	6
	200BF	With Backflow Device	6
	200-SG	Slaminator® Spring Assist	6
	200BF-SG	Slaminator® Spring Assist with Backflow Device	6
Ball Check Valves	240-T	NPT Full Port	6
	240-D	Flanged Full Port	6
	242-D	Flanged Reduced Port	6
Silent Check Valves	F280-D	Globe Body, Rubber Seated	7
	F280-DM	Globe Body, Metal-to-Metal Seated	7
	F290-D, -U	Wafer Body, Rubber Seated	7
	F290-UM, -DM	Wafer Body, Metal-to-Metal Seated	7
Swing Check Valve Numbering System, Options and Availability			8
Rubber Flapper Check Valve Numbering System, Options and Availability			9

OCWUT 000034

CUSTOM HEAVY-DUTY LEVER & WEIGHT SWING CHECK VALVES

Meets AWWA C508 Materials of Construction, Design and Testing

Standard Cast Iron Body, 316SS Body Seat, Buna-N Disc Seat, 303SS Shaft, Zinc Plated Steel External Fasteners

Figure Number	Description	MWP	Inlet	Outlet	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)				
								1D (Note 4)	CR	P2 (Note 5)	P3 (Note 6)	S3
220-D	Class 125 Flanged Lever & Weight	200 PSI	3"	3"	03.00-220-G-12-US	\$ 1,936	100	\$ 966	\$ 163	\$ 359	\$ 1,022	\$ 249
			4"	4"	04.00-220-G-12-US	\$ 2,129	150	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	6"	06.00-220-G-12-US	\$ 2,938	230	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	8"	08.00-220-G-12-US	\$ 3,963	310	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308
			10"	10"	10.00-220-G-12-US	\$ 6,126	480	\$ 966	\$ 195	\$ 534	\$ 1,278	\$ 336
			12"	12"	12.00-220-G-12-US	\$ 8,290	970	\$ 1,026	\$ 358	\$ 725	\$ 1,686	\$ 464
		150 PSI	14"	14"	14.00-220-G-12-US-FS	\$ 14,933	1,480	\$ 1,195	POA	\$ 1,260	\$ 2,965	\$ 499
			16"	16"	16.00-220-G-12-US-FS	\$ 15,841	1,800	\$ 1,195	POA	\$ 1,488	\$ 2,250	\$ 634
			18"	18"	18.00-220-G-12-US-FS	\$ 21,920	2,400	\$ 1,195	POA	\$ 1,573	\$ 3,578	\$ 921
			20"	20"	20.00-220-G-12-US-FS	\$ 23,636	2,800	\$ 1,195	POA	\$ 1,573	\$ 3,578	\$ 921
			24"	24"	24.00-220-G-12-US-FS	\$ 45,650	6,000	\$ 2,110	POA	\$ 2,137	\$ 4,907	\$ 1,360
			30"	30"	30.00-220-G-12-US-FS	POA	9,600	POA	POA	POA	POA	POA
			36"	36"	36.00-220-G-12-US-FS	POA	13,000	POA	POA	POA	POA	POA
220-U	Class 250 Flanged Lever & Weight	300 PSI	3"	3"	03.00-220-G-25-US	\$ 2,421	110	\$ 966	\$ 163	\$ 359	\$ 1,022	\$ 249
			4"	4"	04.00-220-G-25-US	\$ 2,661	170	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	6"	06.00-220-G-25-US	\$ 3,673	260	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	8"	08.00-220-G-25-US	\$ 4,953	390	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308
			10"	10"	10.00-220-G-25-US	\$ 7,658	580	\$ 966	\$ 195	\$ 534	\$ 1,278	\$ 336
			12"	12"	12.00-220-G-25-US	\$ 10,362	1,100	\$ 1,026	\$ 358	\$ 725	\$ 1,686	\$ 464
221-D	SINGLE INCREASING Class 125 Flanged Lever & Weight	200 PSI	3"	4"	03.04-221-G-12-US	\$ 2,162	120	\$ 966	\$ 163	\$ 359	\$ 1,022	\$ 249
			4"	6"	04.06-221-G-12-US	\$ 2,938	175	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	8"	06.08-221-G-12-US	\$ 3,699	265	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	10"	08.10-221-G-12-US	\$ 4,646	350	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308
			10"	12"	10.12-221-G-12-US	\$ 8,677	525	\$ 966	\$ 195	\$ 534	\$ 1,278	\$ 336
222-D	DOUBLE INCREASING Class 125 Flanged Lever & Weight	200 PSI	4"	8"	04.08-222-G-12-US	\$ 4,410	180	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	10"	06.10-222-G-12-US	\$ 5,139	270	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	12"	08.12-222-G-12-US	\$ 6,198	390	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308

NOTES

- "US" in Base Model Number indicates the valve meets the requirements of American Iron & Steel (AIS) and Build America/Buy America (BABA). Adding options does not affect the valve's compliance.
- For closure device mounted on left side instead of standard right side of valve looking at the inlet, suffix "LH" to the Base Model Number (e.g., 06.00-220-G-12-LH). There is no additional cost for LH option.
- For valves configured for installation in a vertical pipe, suffix "VI" to the Base Model Number (e.g., 12.00-220-G-12-VI). There is no additional cost for the VI Option.
- Optional DPDT limit switch is NEMA 1, 4, 13 rated and factory installed so switch contacts transfer when valve is closed.
- Standard coating for valves up to 16" inlet is enamel primer on exterior surfaces, uncoated interior surfaces. Standard coating for 18" and larger valves is internal/external 2-part epoxy.
- Option P3 includes Option S3.
- See Page 8 for explanation of the swing check model number system, additional options, option definitions and availability.
- String multiple options separated by a hyphen (e.g., 10.00-220-G-25-US-1D-LH-CR-VI)
- Larger sizes available, consult factory for price.

CUSTOM HEAVY-DUTY LEVER & SPRING SWING CHECK VALVES

Meets AWWA C508 Materials of Construction, Design and Testing

Standard Cast Iron Body, 316SS Body Seat, Buna-N Disc Seat, 303SS Shaft, Zinc Plated Steel External Fasteners

Figure Number	Description	MWP	Inlet	Outlet	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)				
								1D (Note 4)	CR	P2 (Note 5)	P3 (Note 6)	S3
230-D	Class 125 Flanged Lever & Spring	200 PSI	3"	3"	03.00-230-G-12-US	\$ 1,936	100	\$ 966	\$ 163	\$ 359	\$ 1,022	\$ 249
			4"	4"	04.00-230-G-12-US	\$ 2,129	150	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	6"	06.00-230-G-12-US	\$ 2,938	230	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	8"	08.00-230-G-12-US	\$ 3,963	310	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308
			10"	10"	10.00-230-G-12-US	\$ 6,126	480	\$ 966	\$ 195	\$ 534	\$ 1,278	\$ 336
			12"	12"	12.00-230-G-12-US	\$ 8,290	970	\$ 1,026	\$ 358	\$ 725	\$ 1,686	\$ 464
		150 PSI	14"	14"	14.00-230-G-12-US-FS	\$ 14,933	1,480	\$ 1,195	POA	\$ 1,260	\$ 2,965	\$ 499
			16"	16"	16.00-230-G-12-US-FS	\$ 15,841	1,800	\$ 1,195	POA	\$ 1,488	\$ 2,250	\$ 634
			18"	18"	18.00-230-G-12-US-FS	\$ 21,920	2,400	\$ 1,195	POA	\$ 1,573	\$ 3,578	\$ 921
			20"	20"	20.00-230-G-12-US-FS	\$ 23,636	2,800	\$ 1,195	POA	\$ 1,573	\$ 3,578	\$ 921
			24"	24"	24.00-230-G-12-US-FS	\$ 45,650	6,000	\$ 2,110	POA	\$ 2,137	\$ 4,907	\$ 1,360
			30"	30"	30.00-230-G-12-US-FS	POA	9,600	POA	POA	POA	POA	POA
			36"	36"	36.00-230-G-12-US-FS	POA	13,000	POA	POA	POA	POA	POA
230-U	Class 250 Flanged Lever & Spring	300 PSI	3"	3"	03.00-230-G-25-US	\$ 2,421	110	\$ 966	\$ 163	\$ 359	\$ 1,022	\$ 249
			4"	4"	04.00-230-G-25-US	\$ 2,661	170	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	6"	06.00-230-G-25-US	\$ 3,673	260	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	8"	08.00-230-G-25-US	\$ 4,953	390	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308
			10"	10"	10.00-230-G-25-US	\$ 7,658	580	\$ 966	\$ 195	\$ 534	\$ 1,278	\$ 336
			12"	12"	12.00-230-G-25-US	\$ 10,362	1,100	\$ 1,026	\$ 358	\$ 725	\$ 1,686	\$ 464
231-D	SINGLE INCREASING Class 125 Flanged Lever & Spring	200 PSI	3"	4"	03.04-231-G-12-US	\$ 2,162	120	\$ 966	\$ 163	\$ 359	\$ 1,022	\$ 249
			4"	6"	04.06-231-G-12-US	\$ 2,938	175	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	8"	06.08-231-G-12-US	\$ 3,699	265	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	10"	08.10-231-G-12-US	\$ 4,646	350	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308
			10"	12"	10.12-231-G-12-US	\$ 8,677	525	\$ 966	\$ 195	\$ 534	\$ 1,278	\$ 336
232-D	DOUBLE INCREASING Class 125 Flanged Lever & Spring	200 PSI	4"	8"	04.08-232-G-12-US	\$ 4,410	180	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	10"	06.10-232-G-12-US	\$ 5,139	270	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	12"	08.12-232-G-12-US	\$ 6,198	390	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308

NOTES

- "US" in Base Model Number indicates the valve meets the requirements of American Iron & Steel (AIS) and Build America/Buy America (BABA). Adding options does not affect the valve's compliance.
- For closure device mounted on left side instead of standard right side of valve looking at the inlet, suffix "LH" to the Base Model Number (e.g., 06.00-230-G-12-LH). There is no additional cost for LH option.
- For valves configured for installation in a vertical pipe, suffix "VI" to the Base Model Number (e.g., 12.00-230-G-12-VI). There is no additional cost for the VI Option.
- Optional DPDT limit switch is NEMA 1, 4, 13 rated and factory installed so switch contacts transfer when valve is closed.
- Standard coating for valves up to 16" inlet is enamel primer on exterior surfaces, uncoated interior surfaces. Standard coating for 18" and larger valves is internal/external 2-part epoxy.
- Option P3 includes Option S3.
- See Page 8 for explanation of the swing check valve model number system, additional options, option definitions and availability.
- String multiple options separated by a hyphen (e.g., 10.00-230-G-25-US-1D-LH)
- Larger sizes available, consult factory for price.

AIR CUSHIONED LEVER & WEIGHT SWING CHECK VALVES

Meets AWWA C508 Materials of Construction, Design and Testing

Standard Cast Iron Body, 316SS Body Seat, Buna-N Disc Seat, 303SS Shaft, Zinc Plated Steel External Fasteners,
Mounted Air Cushion Chamber

Side

Figure Number	Description	MWP	Inlet	Outlet	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)				
								1D (Note 4)	CR	P2 (Note 5)	P3 (Note 6)	S3
250-D	Class 125 Flanged Lever & Weight	200 PSI	3"	3"	03.00-250-G-12-US	\$ 3,016	101	\$ 966	\$ 163	\$ 359	\$ 1,022	\$ 249
			4"	4"	04.00-250-G-12-US	\$ 3,252	154	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	6"	06.00-250-G-12-US	\$ 3,991	230	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	8"	08.00-250-G-12-US	\$ 5,347	310	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308
			10"	10"	10.00-250-G-12-US	\$ 7,591	480	\$ 966	\$ 195	\$ 534	\$ 1,278	\$ 336
			12"	12"	12.00-250-G-12-US	\$ 9,983	970	\$ 1,026	\$ 358	\$ 725	\$ 1,686	\$ 464
		150 PSI	14"	14"	14.00-250-G-12-US-FS	\$ 15,961	1,480	\$ 1,195	POA	\$ 1,260	\$ 2,965	\$ 499
			16"	16"	16.00-250-G-12-US-FS	\$ 18,928	1,800	\$ 1,195	POA	\$ 1,488	\$ 2,250	\$ 634
			18"	18"	18.00-250-G-12-US-FS	\$ 24,475	2,400	\$ 1,195	POA	\$ 1,573	\$ 3,578	\$ 921
			20"	20"	20.00-250-G-12-US-FS	\$ 27,327	2,800	\$ 1,195	POA	\$ 1,573	\$ 3,578	\$ 921
			24"	24"	24.00-250-G-12-US-FS	\$ 51,608	6,000	\$ 2,110	POA	\$ 2,137	\$ 4,907	\$ 1,360
			30"	30"	30.00-250-G-12-US-FS	POA	9,600	POA	POA	POA	POA	POA
			36"	36"	36.00-250-G-12-US-FS	POA	13,000	POA	POA	POA	POA	POA
250-U	Class 250 Flanged Lever & Weight	300 PSI	3"	3"	03.00-250-G-25-US	\$ 3,770	110	\$ 966	\$ 163	\$ 359	\$ 1,022	\$ 249
			4"	4"	04.00-250-G-25-US	\$ 4,065	170	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	6"	06.00-250-G-25-US	\$ 4,989	260	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	8"	08.00-250-G-25-US	\$ 6,684	390	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308
			10"	10"	10.00-250-G-25-US	\$ 9,489	580	\$ 966	\$ 195	\$ 534	\$ 1,278	\$ 336
			12"	12"	12.00-250-G-25-US	\$ 12,479	1,100	\$ 1,026	\$ 358	\$ 725	\$ 1,686	\$ 464
			14"	14"	14.00-250-G-25-US-FS	\$ 19,951	1,625	\$ 1,195	POA	\$ 1,260	\$ 2,965	\$ 499
			16"	16"	16.00-250-G-25-US-FS	\$ 23,660	2,050	\$ 1,195	POA	\$ 1,488	\$ 2,250	\$ 634
			18"	18"	18.00-250-G-25-US-FS	\$ 30,594	2,650	\$ 1,195	POA	\$ 1,573	\$ 3,578	\$ 921
			20"	20"	20.00-250-G-25-US-FS	\$ 34,159	3,100	\$ 1,195	POA	\$ 1,573	\$ 3,578	\$ 921
			24"	24"	24.00-250-G-25-US-FS	\$ 64,511	6,600	\$ 2,110	POA	\$ 2,137	\$ 4,907	\$ 1,360
			30"	30"	30.00-250-G-25-US-FS	POA	10,800	POA	POA	POA	POA	POA
			36"	36"	36.00-250-G-25-US-FS	POA	15,500	POA	POA	POA	POA	POA
251-D	SINGLE INCREASING Class 125 Flanged Lever & Weight	200 PSI	3"	4"	03.04-251-G-12-US	\$ 3,715	120	\$ 966	\$ 163	\$ 359	\$ 1,022	\$ 249
			4"	6"	04.06-251-G-12-US	\$ 4,406	175	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	8"	06.08-251-G-12-US	\$ 5,149	265	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	10"	08.10-251-G-12-US	\$ 6,535	350	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308
			10"	12"	10.12-251-G-12-US	\$ 11,153	525	\$ 966	\$ 195	\$ 534	\$ 1,278	\$ 336
252-D	DOUBLE INCREASING Class 125 Flanged Lever & Weight	200 PSI	4"	8"	04.08-252-G-12-US	\$ 5,535	180	\$ 966	\$ 163	\$ 386	\$ 1,074	\$ 274
			6"	10"	06.10-252-G-12-US	\$ 6,192	270	\$ 966	\$ 174	\$ 425	\$ 1,145	\$ 290
			8"	12"	08.12-252-G-12-US	\$ 8,340	390	\$ 966	\$ 174	\$ 453	\$ 1,228	\$ 308

NOTES

- "US" in Base Model Number indicates the valve meets the requirements of American Iron & Steel (AIS) and Build America/Buy America (BABA). Adding options does not affect the valve's compliance.
- For closure device mounted on left side instead of standard right side of valve looking at the inlet, suffix "LH" to the Base Model Number (e.g., 06.00-250-G-12-LH). There is no additional cost for LH option.
- For valves configured for installation in a vertical pipe, suffix "VI" to the Base Model Number (e.g., 04.06-251-G-12-VI). There is no additional cost for the VI Option.
- Option 1D is DPDT limit switch is NEMA 1, 3, 4, 4X, 6 & 13 rated and factory installed so switch contacts transfer when valve is closed.
- Option S3 is 316SS hinge shaft in lieu of standard 303SS (included with Option P3)
- Standard coating is enamel primer on exterior surfaces, uncoated interior surfaces through 16" size. Larger sizes standard with minimum 6 mil DFT 2-part NSF-61 epoxy on internal and external ferrous surfaces. Option P2 is 2-part NSF-61 internal and external epoxy coating and 316SS external fasteners.
- Option P3 is Option P2 + Option S3 + 316SS disc center pin, lock nut and washer, shaft end plate and cushion chamber, linkage and pins.
- See Page 8 for explanation of the model number system, additional options, option definitions and availability
- String multiple options separated by a hyphen (e.g., 10.00-250-G-25-US-1D-LH-VI)
- Larger sizes available, consult factory for price

OIL-CUSHIONED SWING CHECK VALVES

Cast Iron Body, Steel Cover, 316SS Body Seat, Ductile Iron Disc Arm, Cast Iron Disc, Buna-N Disc Seat, 303SS Shaft, Single Lever & Weight, Side-Mounted Oil Dashpot and Zinc Plated Steel External Fasteners

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)			
								1D (Note 4)	S3 (Note 5)	P2 (Note 6)	P3 (Note 7)
3"	250-DOC	Globe	Class 125	200 PSI	03.00-250OC-G-12-US	\$ 2,924	101	\$ 966	\$ 249	\$ 359	\$ 1,022
	250-UOC		Class 250	300 PSI	03.00-250OC-G-25-US	\$ 3,654	110				
4"	250-DOC	Globe	Class 125	200 PSI	04.00-250OC-G-12-US	\$ 3,417	154	\$ 966	\$ 274	\$ 386	\$ 1,074
	250-UOC		Class 250	300 PSI	04.00-250OC-G-25-US	\$ 4,271	170				
6"	250-DOC	Globe	Class 125	200 PSI	06.00-250OC-G-12-US	\$ 4,195	234	\$ 966	\$ 290	\$ 425	\$ 1,145
	250-UOC		Class 250	300 PSI	06.00-250OC-G-25-US	\$ 5,244	260				
8"	250-DOC	Globe	Class 125	200 PSI	08.00-250OC-G-12-US	\$ 5,401	310	\$ 966	\$ 308	\$ 453	\$ 1,228
	250-UOC		Class 250	300 PSI	08.00-250OC-G-25-US	\$ 6,751	390				
10"	250-DOC	Globe	Class 125	200 PSI	10.00-250OC-G-12-US	\$ 7,673	485	\$ 966	\$ 336	\$ 534	\$ 1,278
	250-UOC		Class 250	300 PSI	10.00-250OC-G-25-US	\$ 9,592	580				
12"	250-DOC	Globe	Class 125	200 PSI	12.00-250OC-G-12-US	\$ 10,335	970	\$ 1,026	\$ 464	\$ 725	\$ 1,686
	250-UOC		Class 250	300 PSI	12.00-250OC-G-25-US	\$ 12,919	1,100				
14"	250-DOC	Globe	Class 125	150 PSI	14.00-250OC-G-12-US-FS	\$ 17,063	1,480	\$ 1,195	\$ 499	\$ 1,260	\$ 2,965
	250-UOC		Class 250	300 PSI	14.00-250OC-G-25-US-FS	\$ 21,329	1,625				
16"	250-DOC	Globe	Class 125	150 PSI	16.00-250OC-G-12-US-FS	\$ 19,557	1,860	\$ 1,195	\$ 634	\$ 1,488	\$ 2,250
	250-UOC		Class 250	300 PSI	16.00-250OC-G-25-US-FS	\$ 24,446	2,050				
18"	250-DOC	Globe	Class 125	150 PSI	18.00-250OC-G-12-US-FS	\$ 25,844	2,400	\$ 1,195	\$ 921	\$ 1,573	\$ 3,578
	250-UOC		Class 250	300 PSI	18.00-250OC-G-25-US-FS	\$ 32,305	2,650				
20"	250-DOC	Globe	Class 125	150 PSI	20.00-250OC-G-12-US-FS	\$ 29,663	2,800	\$ 1,195	\$ 921	\$ 1,573	\$ 3,578
	250-UOC		Class 250	300 PSI	20.00-250OC-G-25-US-FS	\$ 37,079	3,100				
24"	250-DOC	Globe	Class 125	150 PSI	24.00-250OC-G-12-US-FS	\$ 58,358	6,000	\$ 2,110	\$ 1,360	\$ 2,137	\$ 4,907
	250-UOC		Class 250	300 PSI	24.00-250OC-G-25-US-FS	\$ 72,947	6,600				
30"	250-DOC	Globe	Class 125	150 PSI	30.00-250OC-G-12-US-FS	POA	9,800	POA	POA	POA	POA
	250-UOC		Class 250	300 PSI	30.00-250OC-G-25-US-FS	POA	10,800				
36"	250-DOC	Globe	Class 125	150 PSI	36.00-250OC-G-12-US-FS	POA	13,500	POA	POA	POA	POA
	250-UOC		Class 250	300 PSI	36.00-250OC-G-25-US-FS	POA	15,500				

NOTES

- "US" in Base Model Number indicates the valve meets the requirements of American Iron & Steel (AIS) and Build America/Buy America (BABA). Adding options does not affect the valve's compliance.
- For closure device mounted on left side instead of standard right side of valve looking at the inlet, suffix "LH" to the Base Model Number (e.g., 06.00-250OC-G-12-US-LH). There is no additional cost for LH option
- For valves configured for installation in a vertical pipe, suffix "VI" to the Base Model Number (e.g., 04.00-250OC-G-12-US-VI). There is no additional cost for the VI Option.
- Option 1D is DPDT limit switch is NEMA 1, 3, 4, 4X, 6 & 13 rated and factory installed so switch contacts transfer when valve is closed.
- Option S3 is 316SS hinge shaft in lieu of standard 303SS (included with Option P3)
- Standard coating is enamel primer on exterior surfaces, uncoated interior surfaces through 16" size. Larger sizes standard with minimum 6 mil DFT 2-part NSF-61 epoxy on internal and external ferrous surfaces. Option P2 is 2-part NSF-61 internal and external epoxy coating and 316SS external fasteners
- Option P3 is Option P2 + Option S3 + 316SS disc center pin, lock nut and washer, shaft end plate and cushion chamber linkage and pins.
- See Page 8 for explanation of the model number system, additional options, option definitions and availability
- String multiple options separated by a hyphen (e.g., 10.00-250OC-G-25-US-1D-LH-VI)
- Larger sizes available, consult factory for price

LUDLOW SWING CHECK VALVES

Meets AWWA C508 Materials of Construction, Design and Testing

Standard Epoxy Coated Ductile Iron Body & Cover, 316SS Body Seat, Buna-N Disc Seat Face, 303SS Shaft, 316SS External Fasteners

Figure Number	Description	MWP	Size	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)	
							1D (Note 1)	LH (Note 2)
340-S	Class 125/150 Flanged Lever & Spring	250 PSI	3"	03.00-340S-G-12	\$ 1,069	70	\$ 966	\$ 212
			4"	04.00-340S-G-12	\$ 1,491	100	\$ 966	\$ 212
			6"	06.00-340S-G-12	\$ 2,064	170	\$ 966	\$ 236
			8"	08.00-340S-G-12	\$ 3,038	300	\$ 966	\$ 269
			10"	10.00-340S-G-12	\$ 4,549	450	\$ 966	\$ 308
			12"	12.00-340S-G-12	\$ 7,262	650	\$ 1,026	\$ 364
340-W	Class 125/150 Flanged Lever & Weight	250 PSI	3"	03.00-340W-G-12	\$ 1,069	70	\$ 966	\$ 212
			4"	04.00-340W-G-12	\$ 1,491	100	\$ 966	\$ 212
			6"	06.00-340W-G-12	\$ 2,064	170	\$ 966	\$ 236
			8"	08.00-340W-G-12	\$ 3,038	300	\$ 966	\$ 269
			10"	10.00-340W-G-12	\$ 4,549	450	\$ 966	\$ 308
			12"	12.00-340W-G-12	\$ 7,262	650	\$ 1,026	\$ 364
			14"	14.00-340W-G-12	\$ 11,042	950	\$ 1,195	\$ 437
			16"	16.00-340W-G-12	\$ 14,917	1,200	\$ 1,195	\$ 533
			18"	18.00-340W-G-12	\$ 18,199	1,500	\$ 1,195	\$ 644
			20"	20.00-340W-G-12	\$ 21,335	2,000	\$ 1,195	\$ 785
350-W	AIR-CUSHIONED Class 125/150 Flanged Lever & Weight	250 PSI	3"	03.00-350W-G-12	\$ 1,789	70	\$ 966	\$ 212
			4"	04.00-350W-G-12	\$ 2,217	100	\$ 966	\$ 212
			6"	06.00-350W-G-12	\$ 2,862	170	\$ 966	\$ 236
			8"	08.00-350W-G-12	\$ 4,151	300	\$ 966	\$ 269
			10"	10.00-350W-G-12	\$ 5,589	450	\$ 966	\$ 308
			12"	12.00-350W-G-12	\$ 8,711	650	\$ 1,026	\$ 364
			14"	14.00-350W-G-12	\$ 12,246	950	\$ 1,195	\$ 437
			16"	16.00-350W-G-12	\$ 16,990	1,200	\$ 1,195	\$ 533
			18"	18.00-350W-G-12	\$ 21,037	1,500	\$ 1,195	\$ 644
			20"	20.00-350W-G-12	\$ 24,515	2,000	\$ 1,195	\$ 785
			24"	24.00-350W-G-12	\$ 39,283	3,000	\$ 2,110	\$ 1,008
			30"	30.00-350W-G-12	\$ 58,327	6,000	\$ 2,110	\$ 1,345

NOTES

- Optional DPDT limit switch is NEMA 1, 4, 13 rated and factory installed so switch contacts transfer when valve is closed.
- Globally sourced Ludlow swing check valves are stocked with the closure device (spring, weight, cushion chamber) on the right side looking at the inlet. Option LH moves the closure device to the left side facing the inlet and but requires valve disassembly and re-assembly.
- See Page 8 for explanation of the model number system, additional options, option definitions and availability

RUBBER FLAPPER CHECK VALVES

Meets AWWA C508 Materials of Construction, Design and Testing

Standard Epoxy Coated Ductile Iron Body & Cover, Buna-N Flexible Disc, 316SS External Fasteners

Figure Number	Description	MWP	Size	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List)		
							SG	PI	1D
							Slaminator® Spring Assist	Visual Position Indicator	Position Switch (Note 1)
200-D	Plain	250 PSI	2"	02.00-200-G-12	\$ 554	28	\$ 493	Not Available	Not Available
			2½"	02.50-200-G-12	\$ 581	33	\$ 641	Not Available	Not Available
			3"	03.00-200-G-12	\$ 673	38	\$ 641	Not Available	Not Available
			4"	04.00-200-G-12	\$ 768	69	\$ 818	\$ 475	\$ 1,123
			6"	06.00-200-G-12	\$ 1,247	125	\$ 973	\$ 488	\$ 1,136
			8"	08.00-200-G-12	\$ 2,323	230	\$ 1,080	\$ 522	\$ 1,170
			10"	10.00-200-G-12	\$ 3,599	377	\$ 1,341	\$ 569	\$ 1,217
			12"	12.00-200-G-12	\$ 5,390	615	\$ 1,519	\$ 582	\$ 1,230
			14"	14.00-200-G-12	\$ 7,361	735	\$ 1,771	\$ 593	\$ 1,241
			16"	16.00-200-G-12	\$ 9,815	1,040	\$ 2,195	\$ 641	\$ 1,289
			18"	18.00-200-G-12	\$ 12,136	1,550	\$ 3,763	\$ 666	\$ 1,314
			20"	20.00-200-G-12	\$ 13,291	1,850	\$ 4,107	\$ 712	\$ 1,278
200-DBF	With Backflow Device	250 PSI	2"	02.00-200BF-G-12	\$ 928	30	\$ 493	Not Available	Not Available
			2½"	02.50-200BF-G-12	\$ 1,032	35	\$ 641	Not Available	Not Available
			3"	03.00-200BF-G-12	\$ 1,126	43	\$ 641	Not Available	Not Available
			4"	04.00-200BF-G-12	\$ 1,253	75	\$ 818	\$ 475	\$ 1,123
			6"	06.00-200BF-G-12	\$ 1,754	133	\$ 973	\$ 488	\$ 1,136
			8"	08.00-200BF-G-12	\$ 3,165	245	\$ 1,080	\$ 522	\$ 1,170
			10"	10.00-200BF-G-12	\$ 4,627	382	\$ 1,341	\$ 569	\$ 1,217
			12"	12.00-200BF-G-12	\$ 6,608	630	\$ 1,519	\$ 582	\$ 1,230
			14"	14.00-200BF-G-12	\$ 8,874	755	\$ 1,771	\$ 593	\$ 1,241
			16"	16.00-200BF-G-12	\$ 11,788	1,070	\$ 2,195	\$ 641	\$ 1,289
			18"	18.00-200BF-G-12	\$ 14,523	1,615	\$ 3,763	\$ 666	\$ 1,314
			20"	20.00-200BF-G-12	\$ 17,988	1,910	\$ 4,107	\$ 712	\$ 1,278
			24"	24.00-200BF-G-12	\$ 25,151	2,700	\$ 5,313	\$ 904	\$ 1,552

NOTES

- Position switch includes Option PI. Position switch is DPDT NEMA 1, 4, 13 rated and factory installed so switch contacts transfer when valve is closed.
- String multiple options separated by a hyphen (e.g., 10.00-200-G-12-SG-PI)

Ball Check Valves

Standard Cast Iron Body and Cover, Buna-N Rubber Coated³ Aluminum Ball, Zinc Plated Steel External Fasteners

Figure Number	Ends	MWP	Size	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE P-2 (Append to Base Model Number and Add to List Price)
240-T	NPT	150 PSI	1¼"	01.25-240-G-00-US	\$ 635	12	\$ 151
			1½"	01.50-240-G-00-US	\$ 646	12	\$ 151
			2"	02.00-240-G-00-US	\$ 781	20	\$ 175
240-D	Class 125 Flanged	150 PSI	3"	03.00-240-G-12-US	\$ 1,403	60	\$ 200
			4"	04.00-240-G-12-US	\$ 2,269	100	\$ 232
			6"	06.00-240-G-12-US	\$ 2,957	230	\$ 281
			8"	08.00-240-G-12-US	\$ 4,621	370	\$ 337
			10"	10.00-240-G-12-US	\$ 8,333	630	\$ 789
			12"	12.00-240-G-12-US	\$ 12,757	830	\$ 958
242-D	Class 125 Flanged	150 PSI	4"	04.00-242-G-12-US	\$ 1,506	80	\$ 208
			6"	06.00-242-G-12-US	\$ 2,379	140	\$ 249

NOTES

- "US" in Model Number indicates the valve meets the requirements of American Iron and Steel (AIS) and Build America/Buy America (BABA)
- Standard coating is internal coal tar epoxy, external enamel primer. Option P-2 upgrades to internal/external 2-part epoxy and 316 stainless steel cover fasteners.
- Ball is solid Buna-N in 2" and smaller sizes

RUBBER SEATED SILENT CHECK VALVES

Standard Fusion Bond Epoxy Coated Ductile Iron Body, Lead-Free Bronze Internals, EPDM Seat

Figure Number	Body Style	Connections	MWP	Size	Base Model Number	Base Model List Price	Approx Weight Lbs.
F280-D	Globe	Class 125 Flange	300 PSI	2"	02.00-F280-G-12-US	\$ 558	13
				2½"	02.50-F280-G-12-US	\$ 745	18
				3"	03.00-F280-G-12-US	\$ 817	23
				4"	04.00-F280-G-12-US	\$ 1,074	40
				6"	06.00-F280-G-12-US	\$ 1,733	75
				8"	08.00-F280-G-12-US	\$ 2,821	120
				10"	10.00-F280-G-12-US	\$ 5,257	195
				12"	12.00-F280-G-12-US	\$ 9,611	310
F290-D	Wafer	Fits Between Class 125, 150, 250 & 300 Flanges	500 PSI	2"	02.00-F290-W-25-US	\$ 359	5
				2½"	02.50-F290-W-25-US	\$ 432	7
				3"	03.00-F290-W-25-US	\$ 448	12
				4"	04.00-F290-W-25-US	\$ 582	20
				6"	06.00-F290-W-25-US	\$ 1,110	35
		Fits Between Class 125 & 150 Flanges	300 PSI	8"	08.00-F290-W-12-US	\$ 2,092	80
				10"	10.00-F290-W-12-US	\$ 3,167	130

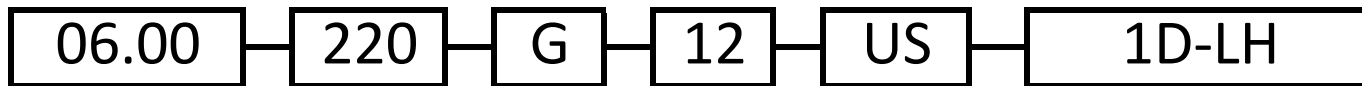
Figure F280 and F290 valves meet the requirements of the American Iron & Steel (AIS)

METAL-TO-METAL SEATED SILENT CHECK VALVES

Standard Fusion Bond Epoxy Coated Ductile Iron Body, Lead-Free Bronze Internals

Figure Number	Body Style	Connections	MWP	Size	Base Model Number	Base Model List Price	Approx Weight Lbs.
F280-DM	Globe	Class 125 Flange	300 PSI	2"	02.00-F280M-G-12-US	\$ 529	13
				2½"	02.50-F280M-G-12-US	\$ 708	18
				3"	03.00-F280M-G-12-US	\$ 775	23
				4"	04.00-F280M-G-12-US	\$ 1,019	40
				6"	06.00-F280M-G-12-US	\$ 1,649	75
				8"	08.00-F280M-G-12-US	\$ 2,774	120
				10"	10.00-F280M-G-12-US	\$ 4,994	195
				12"	12.00-F280M-G-12-US	\$ 9,132	310
F290-DM	Wafer	Fits Between Class 125, 150, 250 & 300 Flanges	500 PSI	2"	02.00-F290M-W-25-US	\$ 350	5
				2½"	02.50-F290M-W-25-US	\$ 411	7
				3"	03.00-F290M-W-25-US	\$ 430	12
				4"	04.00-F290M-W-25-US	\$ 575	20
				6"	06.00-F290M-W-25-US	\$ 1,054	35
		Fits Between Class 125 & 150 Flanges	300 PSI	8"	08.00-F290M-W-12-US	\$ 1,987	80
				10"	10.00-F290M-W-12-US	\$ 3,011	130

Figure F280M and F290M valves meet the requirements of the American Iron & Steel (AIS)



Code	Size
03.00	3"
03.04	3" x 4"
04.00	4"
04.06	4" x 6"
04.08	4" x 8"
06.00	6"
06.08	6" x 8"
06.10	6" x 10"
08.00	8"
08.10	8" x 10"
08.12	8" x 12"
10.00	10"
10.12	10" x 12"
12.00	12"
14.00	14"
16.00	16"
18.00	18"
20.00	20"
24.00	24"
30.00	30"
36.00	36"

Code	Body Style
G	Globe

AIS Compliant*

*Except 340S, 340W, 350W

Code	End Connection
12	Class 125 Flanged
25	Class 250 Flanged

Code	Option/Accessory
1D	DPDT Limit Switch, NEMA 1, 4, 13 Rated
CR	O-Ring Cartridge Shaft Seal Instead of Standard Teflon Packing*
GF	Grease Fittings on Shaft Bearings
LH	Closure Device Mounted on Left Hand Side
P2	316SS Ext Fasteners & Int/Ext 2-Part Epoxy (Included in Option P3)
P3	See Note 3
S3	316SS Hinge Shaft (Included in Option P3)
SV	1/2" Bronze Ball Valve Installed in Cover
US	AIS/BABA Compliant (Not available in Ludlow check valves)
VI	Vertical Installation

* available to 12"

Figure No.	Description	Availability											
		Ends		Option/Accessory									
		12	25	1D	CR	GF	LH	P2	P3	S3	SV	US	VI
220	Lever & Weight	•	•	•	•	◊	•	•	•	•	◊	STD	•
221	Lever & Weight, Single Increasing	•		•	•	◊	•	•	•	•	◊	STD	•
222	Lever & Weight, Double Increasing	•		•	•	◊	•	•	•	•	◊	STD	•
230	Lever & Spring	•	•	•	•	◊	•	•	•	•	◊	STD	•
231	Lever & Spring, Single Increasing	•		•	•	◊	•	•	•	•	◊	STD	•
232	Lever & Spring, Double Increasing	•		•	•	◊	•	•	•	•	◊	STD	•
250	Air-Cushioned	•	•	•	•	◊	•	•	•	•	◊	STD	•
251	Air-Cushioned, Single Increasing	•		•	•	◊	•	•	•	•	◊	STD	•
252	Air-Cushioned, Double Increasing	•		•	•	◊	•	•	•	•	◊	STD	•
2500C	Oil-Cushioned	•	•	•		◊	•	•	•	•	◊	STD	•
340S	Ludlow Lever & Spring	•		•			•	STD			◊		•
340W	Ludlow Lever & Weight	•		•			•	STD			◊		
350W	Ludlow Lever & Weight Air-Cushioned	•		•			•	STD			◊		

•	Available, See Price List
◊	Available, Consult Factory for Price
	Not Available
STD	Standard

NOTES

- Figures 220, 221, 222, 230, 231, 232, 250, 2500C, 251 & 252 comply with the requirements of American Iron & Steel (AIS). Figures 340S, 340W and 350W are imported and do not comply with the requirements of American Iron and Steel.
- Single and double increasing size only available with Class 125 flanged connections
- Option P-3 internal/external 2-part epoxy, 316SS external fasteners, disc center pin, lock nut & washer, shaft end plate and air cushion chamber links & pins.
- Option LH left hand side looking at inlet instead of standard right side
- String codes for options and/or accessories separated by a hyphen (e.g., 12.00-220-G-12-1D-S3-US)

06.00

200

G

12

1D-PI

Code	Body Style
G	Globe

Code	End Connection
12	Class 125 Flanged

Code	Option/Accessory
PI	Visual Position Indicator
1D-PI	Visual Position Indicator and Electrical Position Switch (Note 1)
SG	Slaminator (Spring Assisted Closure)

Figure No.	Description
200	Rubber Flapper
200BF	Rubber Flapper with Backflow Device

Code	Size	Option Code and Availability		
		PI	PI-1D	SG
02.00	2"			•
02.50	2½"			•
03.00	3"			•
04.00	4"	•	•	•
06.00	6"	•	•	•
08.00	8"	•	•	•
10.00	10"	•	•	•
12.00	12"	•	•	•
14.00	14"	•	•	•
16.00	16"	•	•	•
18.00	18"	•	•	•
20.00	20"	•	•	•
24.00	24"	•	•	•

• Available, see price list

Not available

Notes

1. Electrical position switch requires visual position indicator
2. Option SG is Slaminator® Spring Assist
3. String codes for options and/or accessories separated by a hyphen (e.g., 12.00-200-G-12-PI-1S-SG)

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Proprietary and Confidential-Do not Publish

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www.gaindustries.com

PRICE LIST EVPL-0523A

Effective May 1, 2023
(Replaces EVPL-0523)

ENGINEERED VALVES

Differential Piston Water Control Valves
Direct Acting Reducing and Relief Valves
Oil-Controlled Closing Swing Check Valves
Tilting Disc Check Valves
Sewage Surge Relief Valves

VAG Terms and Conditions Apply: <https://gaindustries.com/terms>

Payment Terms	Net 30 Days from invoice with approved credit
Prices	Prices are Ex-Works (FOB Factory), domestic pack, exclusive of taxes
Request for Quote	E-mail requests for quotes to: quotes-ga@vag-group.com . Include applicable specifications and valve list with size and quantity.
Orders	Orders accepted by the factory may not be cancelled or shipment deferred without prior written consent and shall be subject to cancellation charges. Add-ons to existing orders only with factory approval. E-mail orders to: orders-ga@vag-group.com
Returns	New and unused material will be accepted for return only if accompanied by a "Return Authorization Number" issued by the factory and clearly indicated on the return shipping label and/or packing list. All returns must be pre-paid and may be subject to a re-stocking charge.
Shipments	Orders meeting "freight allowed" minimums must be dispatched in a in single shipment in a box truck to a single destination. Customer directed partial shipments and/or open top trucks may incur additional charge.
Claims	All claims for shortages and/or damage MUST be made in writing within five (5) days after receipt of shipment.
Warranty	All products are covered by VAG USA LLC Standard Warranty, a copy of which is available upon request.
AMERICAN IRON & STEEL (AIS)	Although all the valves in this price list are AIS and BABA Compliant, AIS or BABA Compliance must be stipulated at time of order in order to obtain the necessary documentation.

Revised 5-22-23

Type	Figure Number	Description	Page
Differential Piston Control Valves	1730/1740	Electric Check Valves	1
	11730/11740	Backpressure Sustaining Electric Check Valves	2
	5001R	Surge Sentinel Electronic Surge Anticipator Valves	3
	6050	Surge Relief Valves with Solenoid Shutoff Feature	4
	6600/6700	Surge Relief Valves	5
	1450	Emergency Cut In Valves	6
	4050	Pressure Reducing Valves with Solenoid Shutoff Feature	7
	4500	Pressure Reducing Valves	8
	4700	Pressure Reducing and Sustaining Valves	9
	4900	Pressure Reducing Valves with Check Feature	10
	6700R	Backpressure Sustaining Valves	11
	3200	Single Acting Altitude Valves	12
	3300	Double Acting Altitude Valves	13
	3400	Single Acting Altitude Valves with Check Feature	14
	3670	Single Acting Backpressure Sustaining Altitude Valves	15
	3800	Single Acting Altitude Valves with Solenoid Shutoff Feature	16
	3900	Double Acting Altitude Valves with Solenoid Shutoff Feature	17
	7100	Normally Open Solenoid Valves	18
	7300	Normally Closed Solenoid Valves	18
Direct Acting Control Valves	667D/667U	Pressure Relief Valves	4
	43D/43U	Pressure Reducing Valves	8
Engineered Check Valves	25-DXH	Oil-Controlled Swing Check Valves	19
	7125/7125B/7125T	Tilting Disc Check Valves	20
Sewage Surge Relief Valves	525	Weight Loaded Sewage Surge Relief Valves	21
	624/625/626	Sewage Surge Relief Valves	21
Differential Piston Valve Model Numbering System, Options and Accessories			22
Engineered Check Valve Model Numbering System, Options and Accessories			23

OCWUT 00034

ELECTRIC CHECK PUMP CONTROL VALVES

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, 120VAC Normal & Emergency Solenoids, Normal Opening/Closing and Emergency Closing Speed Controls, Lead Free Brass/Bronze Wye-Strainer, Pilot Isolating Valves and Control Piping and NEMA 1,4,13 SPDT Limit Switch

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)			
								2S (Note 2)	G1 (Note 3)	P2 (Note 4)	SC
3"	1730-D	Globe	Class 125	200 PSI	03.00-1730-G-12-US	\$ 8,972	260	\$ 603	\$ 395	\$ 137	\$ 430
	1740-D	Angle			03.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	03.00-1730-G-25-US	\$ 10,317	270				
	1740-U	Angle			03.00-1740-G-25-US						
4"	1730-D	Globe	Class 125	200 PSI	04.00-1730-G-12-US	\$ 10,575	300	\$ 603	\$ 395	\$ 137	\$ 1,071
	1740-D	Angle			04.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	04.00-1730-G-25-US	\$ 12,161	315				
	1740-U	Angle			04.00-1740-G-25-US						
6"	1730-D	Globe	Class 125	200 PSI	06.00-1730-G-12-US	\$ 14,747	450	\$ 603	\$ 395	\$ 162	\$ 1,543
	1740-D	Angle			06.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	06.00-1730-G-25-US	\$ 16,959	475				
	1740-U	Angle			06.00-1740-G-25-US						
8"	1730-D	Globe	Class 125	200 PSI	08.00-1730-G-12-US	\$ 23,106	800	\$ 603	\$ 395	\$ 182	\$ 2,451
	1740-D	Angle			08.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	08.00-1730-G-25-US	\$ 26,573	880				
	1740-U	Angle			08.00-1740-G-25-US						
10"	1730-D	Globe	Class 125	200 PSI	10.00-1730-G-12-US	\$ 28,363	1,300	\$ 603	\$ 395	\$ 230	\$ 3,451
	1740-D	Angle			10.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	10.00-1730-G-25-US	\$ 32,617	1,400				
	1740-U	Angle			10.00-1740-G-25-US						
12"	1730-D	Globe	Class 125	200 PSI	12.00-1730-G-12-US	\$ 35,331	1,600	\$ 603	\$ 395	\$ 273	\$ 4,757
	1740-D	Angle			12.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	12.00-1730-G-25-US	\$ 40,631	1,750				
	1740-U	Angle			12.00-1740-G-25-US						
14"	1730-D	Globe	Class 125	150 PSI	14.00-1730-G-12-US	\$ 58,654	1,800	\$ 653	\$ 395	\$ 880	\$ 8,664
	1740-D	Angle			14.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	14.00-1730-G-25-US	\$ 67,452	1,950				
	1740-U	Angle			14.00-1740-G-25-US						
16"	1730-D	Globe	Class 125	150 PSI	16.00-1730-G-12-US	\$ 68,785	2,400	\$ 653	\$ 395	\$ 1,030	\$ 11,057
	1740-D	Angle			16.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	16.00-1730-G-25-US	\$ 79,102	2,600				
	1740-U	Angle			16.00-1740-G-25-US						
18"	1730-D	Globe	Class 125	150 PSI	18.00-1730-G-12-US	POA	3,700	POA	POA	POA	POA
	1740-D	Angle			18.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	18.00-1730-G-25-US	POA	3,950				
	1740-U	Angle			18.00-1740-G-25-US						
20"	1730-D	Globe	Class 125	150 PSI	20.00-1730-G-12-US	POA	3,900	POA	POA	POA	POA
	1740-D	Angle			20.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	20.00-1730-G-25-US	POA	4,200				
	1740-U	Angle			20.00-1740-G-25-US						
24"	1730-D	Globe	Class 125	150 PSI	24.00-1730-G-12-US	POA	6,000	POA	POA	POA	POA
	1740-D	Angle			24.00-1740-G-12-US						
	1730-U	Globe	Class 250	300 PSI	24.00-1730-G-25-US	POA	6,600				
	1740-U	Angle			24.00-1740-G-25-US						

NOTES

- "US" in Base Model Number indicates standard valves comply with requirements of American Iron & Steel (AIS).
- Base Model includes (1) limit switch to switch off pump when valve is closed. Option 2S adds a second "full open" limit switch
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve. Specify to be installed on inlet or outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS.
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 12.00-1740-G-12-US-G1-P2)
- Optional Model 7700A Pump Director with ASCO Tri-Point pressure switch and isolating valve - \$14,659 List Price

POA = Price on Application, consult factory for price

PRESSURE SUSTAINING ELECTRIC CHECK PUMP CONTROL VALVES

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, 120VAC Normal & Emergency Solenoids, Normal Opening/Closing and Emergency Closing Speed Controls, Lead Free Brass/Bronze Sustaining Pilot, Wye-Strainer, Pilot Isolating Valves and Control Piping and NEMA 1,4,13 SPDT Limit Switch

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)			
								2S (Note 3)	G1 (Note 4)	P2 (Note 5)	SC
3"	11730-D	Globe	Class 125	200 PSI	03.00-11730-G-12-US	\$ 11,666	260	\$ 603	\$ 395	\$ 137	\$ 430
	11740-D	Angle			03.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	03.00-11730-G-25-US	\$ 13,011	270				
	11740-U	Angle			03.00-11740-G-25-US						
4"	11730-D	Globe	Class 125	200 PSI	04.00-11730-G-12-US	\$ 13,281	300	\$ 603	\$ 395	\$ 137	\$ 1,071
	11740-D	Angle			04.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	04.00-11730-G-25-US	\$ 14,866	315				
	11740-U	Angle			04.00-11740-G-25-US						
6"	11730-D	Globe	Class 125	200 PSI	06.00-11730-G-12-US	\$ 17,439	450	\$ 603	\$ 395	\$ 162	\$ 1,543
	11740-D	Angle			06.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	06.00-11730-G-25-US	\$ 19,651	475				
	11740-U	Angle			06.00-11740-G-25-US						
8"	11730-D	Globe	Class 125	200 PSI	08.00-11730-G-12-US	\$ 25,798	800	\$ 603	\$ 395	\$ 182	\$ 2,451
	11740-D	Angle			08.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	08.00-11730-G-25-US	\$ 20,265	880				
	11740-U	Angle			08.00-11740-G-25-US						
10"	11730-D	Globe	Class 125	200 PSI	10.00-11730-G-12-US	\$ 31,065	1,300	\$ 603	\$ 395	\$ 230	\$ 3,451
	11740-D	Angle			10.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	10.00-11730-G-25-US	\$ 35,309	1,400				
	11740-U	Angle			10.00-11740-G-25-US						
12"	11730-D	Globe	Class 125	200 PSI	12.00-11730-G-12-US	\$ 38,023	1,600	\$ 603	\$ 395	\$ 273	\$ 4,757
	11740-D	Angle			12.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	12.00-11730-G-25-US	\$ 43,324	1,750				
	11740-U	Angle			12.00-11740-G-25-US						
14"	11730-D	Globe	Class 125	150 PSI	14.00-11730-G-12-US	\$ 61,346	1,800	\$ 653	\$ 395	\$ 880	\$ 8,664
	11740-D	Angle			14.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	14.00-11730-G-25-US	\$ 70,144	1,950				
	11740-U	Angle			14.00-11740-G-25-US						
16"	11730-D	Globe	Class 125	150 PSI	16.00-11730-G-12-US	\$ 71,604	2,400	\$ 653	\$ 395	\$ 1,030	\$ 11,057
	11740-D	Angle			16.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	16.00-11730-G-25-US	\$ 82,414	2,600				
	11740-U	Angle			16.00-11740-G-25-US						
18"	11730-D	Globe	Class 125	150 PSI	18.00-11730-G-12-US	POA	3,700	POA	POA	POA	POA
	11740-D	Angle			18.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	18.00-11730-G-25-US	POA	3,950				
	11740-U	Angle			18.00-11740-G-25-US						
20"	11730-D	Globe	Class 125	150 PSI	20.00-11730-G-12-US	POA	3,900	POA	POA	POA	POA
	11740-D	Angle			20.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	20.00-11730-G-25-US	POA	4,200				
	11740-U	Angle			20.00-11740-G-25-US						
24"	11730-D	Globe	Class 125	150 PSI	24.00-11730-G-12-US	POA	6,000	POA	POA	POA	POA
	11740-D	Angle			24.00-11740-G-12-US						
	11730-U	Globe	Class 250	300 PSI	24.00-11730-G-25-US	POA	6,600				
	11740-U	Angle			24.00-11740-G-25-US						

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 12.00-11740-G-12-US-G1-P2)
- Base Model includes (1) limit switch to switch off pump when valve is closed. Option 2S adds a second "full open" limit switch
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve. Specify to be installed on inlet or outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy.
- Larger sizes available, consult factory for price

SURGE SENTINEL ELECTRONICALLY CONTROL SURGE ANTICIPATOR VALVES

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze Relief Pilot, 24VDC Solenoid, SPDT Subnormal Pressure Switch, SPDT Limit Switch, Inlet Pressure Gauge, Closing Speed Control, Wye-Strainer, Pilot Isolating Valves and Control Piping and Surge Sentinel Electronic Control Panel

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx. Weight Lbs.	Option Code
								P2 (Note 3)
3"	EA5001R-D	Angle	Class 125	200 PSI	03.00-5001R-A-12-US	\$ 21,813	160	\$ 137
	EG5001R-D	Globe			03.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	03.00-5001R-A-25-US	\$ 22,937	170	
	EG5001R-U	Globe			03.00-5001R-G-25-US			
4"	EA5001R-D	Angle	Class 125	200 PSI	04.00-5001R-A-12-US	\$ 21,363	200	\$ 137
	EG5001R-D	Globe			04.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	04.00-5001R-A-25-US	\$ 24,586	215	
	EG5001R-U	Globe			04.00-5001R-G-25-US			
6"	EA5001R-D	Angle	Class 125	200 PSI	06.00-5001R-A-12-US	\$ 24,498	350	\$ 162
	EG5001R-D	Globe			06.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	06.00-5001R-A-25-US	\$ 25,937	375	
	EG5001R-U	Globe			06.00-5001R-G-25-US			
8"	EA5001R-D	Angle	Class 125	200 PSI	08.00-5001R-A-12-US	\$ 30,821	700	\$ 182
	EG5001R-D	Globe			08.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	08.00-5001R-A-25-US	\$ 33,392	780	
	EG5001R-U	Globe			08.00-5001R-G-25-US			
10"	EA5001R-D	Angle	Class 125	200 PSI	10.00-5001R-A-12-US	\$ 37,178	1,200	\$ 230
	EG5001R-D	Globe			10.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	10.00-5001R-A-25-US	\$ 40,526	1,300	
	EG5001R-U	Globe			10.00-5001R-G-25-US			
12"	EA5001R-D	Angle	Class 125	200 PSI	12.00-5001R-A-12-US	\$ 44,691	1,500	\$ 273
	EG5001R-D	Globe			12.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	12.00-5001R-A-25-US	\$ 49,217	1,650	
	EG5001R-U	Globe			12.00-5001R-G-25-US			
14"	EA5001R-D	Angle	Class 125	150 PSI	14.00-5001R-A-12-US	\$ 56,848	1,700	\$ 880
	EG5001R-D	Globe			14.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	14.00-5001R-A-25-US	\$ 63,345	1,850	
	EG5001R-U	Globe			14.00-5001R-G-25-US			
16"	EA5001R-D	Angle	Class 125	150 PSI	16.00-5001R-A-12-US	\$ 69,545	2,300	\$ 1,030
	EG5001R-D	Globe			16.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	16.00-5001R-A-25-US	\$ 94,438	2,500	
	EG5001R-U	Globe			16.00-5001R-G-25-US			
18"	EA5001R-D	Angle	Class 125	150 PSI	18.00-5001R-A-12-US	POA	3,600	POA
	EG5001R-D	Globe			18.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	18.00-5001R-A-25-US	POA	3,850	
	EG5001R-U	Globe			18.00-5001R-G-25-US			
20"	EA5001R-D	Angle	Class 125	150 PSI	20.00-5001R-A-12-US	POA	3,800	POA
	EG5001R-D	Globe			20.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	20.00-5001R-A-25-US	POA	4,100	
	EG5001R-U	Globe			20.00-5001R-G-25-US			
24"	EA5001R-D	Angle	Class 125	150 PSI	24.00-5001R-A-12-US	POA	6,000	POA
	EG5001R-D	Globe			24.00-5001R-G-12-US			
	EA5001R-U	Angle	Class 250	300 PSI	24.00-5001R-A-25-US	POA	6,600	
	EG5001R-U	Globe			24.00-5001R-G-25-US			

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS).
- See Page 22 for model numbering system, option code definitions and availability.
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS.

SURGE RELIEF VALVES with SOLENOID

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze Relief Pilot, 120VAC ASCO Solenoid, Closing Speed Control, Wye-Strainer,
Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)		
								1S (Note 4)	G1 (Note 5)	P2 (Note 6)
3"	6050-D	Globe	Class 125	200 PSI	03.00-6050-G-12-US	\$ 8,390	160	\$ 822	\$ 395	\$ 137
	6050-U		Class 250	300 PSI	03.00-6050-G-25-US	\$ 9,648	170			
4"	6050-D	Globe	Class 125	200 PSI	04.00-6050-G-12-US	\$ 9,083	200	\$ 822	\$ 395	\$ 137
	6050-U		Class 250	300 PSI	04.00-6050-G-25-US	\$ 10,445	215			
6"	6050-D	Globe	Class 125	200 PSI	06.00-6050-G-12-US	\$ 10,507	350	\$ 822	\$ 395	\$ 162
	6050-U		Class 250	300 PSI	06.00-6050-G-25-US	\$ 12,083	375			
8"	6050-D	Globe	Class 125	200 PSI	08.00-6050-G-12-US	\$ 18,003	700	\$ 822	\$ 395	\$ 182
	6050-U		Class 250	300 PSI	08.00-6050-G-25-US	\$ 20,704	780			
10"	6050-D	Globe	Class 125	200 PSI	10.00-6050-G-12-US	\$ 23,271	1,200	\$ 822	\$ 395	\$ 230
	6050-U		Class 250	300 PSI	10.00-6050-G-25-US	\$ 26,761	1,300			
12"	6050-D	Globe	Class 125	200 PSI	12.00-6050-G-12-US	\$ 31,126	1,500	\$ 822	\$ 395	\$ 273
	6050-U		Class 250	300 PSI	12.00-6050-G-25-US	\$ 35,795	1,650			
14"	6050-D	Globe	Class 125	150 PSI	14.00-6050-G-12-US	\$ 44,252	1,700	\$ 1,037	\$ 395	\$ 880
	6050-U		Class 250	300 PSI	14.00-6050-G-25-US	\$ 50,890	1,850			
16"	6050-D	Globe	Class 125	150 PSI	16.00-6050-G-12-US	\$ 57,528	2,300	\$ 1,037	\$ 395	\$ 1,030
	6050-U		Class 250	300 PSI	16.00-6050-G-25-US	\$ 66,157	2,500			
18"	6050-D	Globe	Class 125	150 PSI	18.00-6050-G-12-US	POA	3,600	POA	POA	POA
	6050-U		Class 250	300 PSI	18.00-6050-G-25-US	POA	3,850			
20"	6050-D	Globe	Class 125	150 PSI	20.00-6050-G-12-US	POA	3,800	POA	POA	POA
	6050-U		Class 250	300 PSI	20.00-6050-G-25-US	POA	4,100			
24"	6050-D	Globe	Class 125	150 PSI	24.00-6050-G-12-US	POA	6,000	POA	POA	POA
	6050-U		Class 250	300 PSI	24.00-6050-G-2-US5	POA	6,600			

- NOTES
- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel.
 - See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 08.00-6050-G-12-US-G1-P2).
 - For angle body, suffix "A" to Figure Number (e.g., 6050-UA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-6050-A-25). Globe and angle body valves are the same price.
 - Option 1S is SPDT limit switch set to actuate when valve is closed.
 - Option G1 is 2½" glycerin filled pressure with isolating valve, installed on inlet side of valve
 - Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS.
 - Append "NC" or "NO" to base model number to indicate if main valve closes when solenoid is de-energized (NC) or energized (NO)
 - Larger sizes available, consult factory for price
 - POA = Price on Application, consult factory for price

Direct Acting Pressure Relief Valves

Lead Free Bronze Body, Stainless Steel Internals, Buna-N Seat, Aluminum Spring Chamber,
304SS External Fasteners

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight, Lbs.
½"	667-D	Globe	NPT	150 PSI	00.50-667D-G-00-US	\$ 1,750	15
	667-U	Globe	NPT	300 PSI	00.50-667U-G-00-US	\$ 1,837	
1"	667-D	Globe	NPT	150 PSI	01.00-667D-G-00-US	\$ 2,577	35
	667-U	Globe	NPT	300 PSI	01.00-667U-G-00-US	\$ 2,704	
2"	667-D	Globe	NPT	150 PSI	02.00-667D-G-00-US	\$ 3,901	55
	667-U	Globe	NPT	300 PSI	02.00-667U-G-00-US	\$ 4,053	

SURGE RELIEF VALVES

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze Relief Pilot, Closing Speed Control, Wye-Strainer, Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)		
								1S (Note 3)	G1 (Note 4)	P2 (Note 5)
3"	6600-D	Angle	Class 125	200 PSI	03.00-6600-A-12-US	\$ 7,691	160	\$ 822	\$ 395	\$ 137
	6700-D	Globe			03.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	03.00-6600-A-25-US	\$ 8,845	170			
	6700-U	Globe			03.00-6700-G-25-US					
4"	6600-D	Angle	Class 125	200 PSI	04.00-6600-A-12-US	\$ 8,078	200	\$ 822	\$ 395	\$ 137
	6700-D	Globe			04.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	04.00-6600-A-25-US	\$ 9,289	215			
	6700-U	Globe			04.00-6700-G-25-US					
6"	6600-D	Angle	Class 125	200 PSI	06.00-6600-A-12-US	\$ 9,654	350	\$ 822	\$ 395	\$ 162
	6700-D	Globe			06.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	06.00-6600-A-25-US	\$ 11,103	375			
	6700-U	Globe			06.00-6700-G-25-US					
8"	6600-D	Angle	Class 125	200 PSI	08.00-6600-A-12-US	\$ 18,325	700	\$ 822	\$ 395	\$ 182
	6700-D	Globe			08.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	08.00-6600-A-25-US	\$ 21,074	780			
	6700-U	Globe			08.00-6700-G-25-US					
10"	6600-D	Angle	Class 125	200 PSI	10.00-6600-A-12-US	\$ 21,761	1,200	\$ 822	\$ 395	\$ 230
	6700-D	Globe			10.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	10.00-6600-A-25-US	\$ 25,025	1,300			
	6700-U	Globe			10.00-6700-G-25-US					
12"	6600-D	Angle	Class 125	200 PSI	12.00-6600-A-12-US	\$ 29,418	1,500	\$ 822	\$ 395	\$ 273
	6700-D	Globe			12.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	12.00-6600-A-25-US	\$ 33,831	1,650			
	6700-U	Globe			12.00-6700-G-25-US					
14"	6600-D	Angle	Class 125	150 PSI	14.00-6600-A-12-US	\$ 42,214	1,700	\$ 1,037	\$ 395	\$ 880
	6700-D	Globe			14.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	14.00-6600-A-25-US	\$ 48,546	1,850			
	6700-U	Globe			14.00-6700-G-25-US					
16"	6600-D	Angle	Class 125	150 PSI	16.00-6600-A-12-US	\$ 55,155	2,300	\$ 1,037	\$ 395	\$ 1,030
	6700-D	Globe			16.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	16.00-6600-A-25-US	\$ 63,428	2,500			
	6700-U	Globe			16.00-6700-G-25-US					
18"	6600-D	Angle	Class 125	150 PSI	18.00-6600-A-12-US	POA	3,600	POA	POA	POA
	6700-D	Globe			18.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	18.00-6600-A-25-US	POA	3,850			
	6700-U	Globe			18.00-6700-G-25-US					
20"	6600-D	Angle	Class 125	150 PSI	20.00-6600-A-12-US	POA	3,800	POA	POA	POA
	6700-D	Globe			20.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	20.00-6600-A-25-US	POA	4,100			
	6700-U	Globe			20.00-6700-G-25-US					
24"	6600-D	Angle	Class 125	150 PSI	24.00-6600-A-12-US	POA	6,000	POA	POA	POA
	6700-D	Globe			24.00-6700-G-12-US					
	6600-U	Angle	Class 250	300 PSI	24.00-6600-A-25-US	POA	6,600			
	6700-U	Globe			24.00-6700-G-25-US					

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS).
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 06.00-6600-A-12-US-1S-G1)
- Option 1S is SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- Larger sizes available, consult factory for price

Emergency Cut-In Valves

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze Opening and Closing Pressure Pilots, Closing Speed Control, Wye-Strainer, Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)				
								1S (Note 4)	G1 (Note 5)	G2 (Note 6)	P2 (Note 7)	SC
3"	1450-D	Globe	Class 125	200 PSI	03.00-1450-G-12-US	\$ 7,873	160	\$ 822	\$ 395	\$ 790	\$ 137	\$ 430
	1450-U	Globe	Class 250	300 PSI	03.00-1450-G-25-US	\$ 8,783	170					
4"	1450-D	Globe	Class 125	200 PSI	04.00-1450-G-12-US	\$ 8,809	200	\$ 822	\$ 395	\$ 790	\$ 137	\$ 1,071
	1450-U	Globe	Class 250	300 PSI	04.00-1450-G-25-US	\$ 9,809	215					
6"	1450-D	Globe	Class 125	200 PSI	06.00-1450-G-12-US	\$ 12,705	350	\$ 822	\$ 395	\$ 790	\$ 162	\$ 1,543
	1450-U	Globe	Class 250	300 PSI	06.00-1450-G-25-US	\$ 14,300	375					
8"	1450-D	Globe	Class 125	200 PSI	08.00-1450-G-12-US	\$ 16,784	700	\$ 822	\$ 395	\$ 790	\$ 182	\$ 2,451
	1450-U	Globe	Class 250	300 PSI	08.00-1450-G-25-US	\$ 19,003	780					
10"	1450-D	Globe	Class 125	200 PSI	10.00-1450-G-12-US	\$ 23,477	1,200	\$ 822	\$ 395	\$ 790	\$ 230	\$ 3,451
	1450-U	Globe	Class 250	300 PSI	10.00-1450-G-25-US	\$ 26,719	1,300					
12"	1450-D	Globe	Class 125	200 PSI	12.00-1450-G-12-US	\$ 34,658	1,500	\$ 822	\$ 395	\$ 790	\$ 273	\$ 4,757
	1450-U	Globe	Class 250	300 PSI	12.00-1450-G-25-US	\$ 39,610	1,650					
14"	1450-D	Globe	Class 125	150 PSI	14.00-1450-G-12-US	\$ 48,156	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880	\$ 8,664
	1450-U	Globe	Class 250	300 PSI	14.00-1450-G-25-US	\$ 54,649	1,850					
16"	1450-D	Globe	Class 125	150 PSI	16.00-1450-G-12-US	\$ 63,834	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030	\$ 11,057
	1450-U	Globe	Class 250	300 PSI	16.00-1450-G-25-US	\$ 72,407	2,500					
18"	1450-D	Globe	Class 125	150 PSI	18.00-1450-G-12-US	POA	3,600	POA	POA	POA	POA	POA
	1450-U	Globe	Class 250	300 PSI	18.00-1450-G-25-US	POA	3,850					
20"	1450-D	Globe	Class 125	150 PSI	20.00-1450-G-12-US	POA	3,800	POA	POA	POA	POA	POA
	1450-U	Globe	Class 250	300 PSI	20.00-1450-G-25-US	POA	4,100					
24"	1450-D	Globe	Class 125	150 PSI	24.00-1450-G-12-US	POA	6,000	POA	POA	POA	POA	POA
	1450-U	Globe	Class 250	300 PSI	24.00-1450-G-25-US	POA	6,600					

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS).
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 06.00-1450-G-12-G2)
- For angle body, suffix "A" to Figure Number (e.g., 1450-UA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-1450-A-12). Globe and angle body valves are the same price.
- Option 1S is SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
- Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- Larger sizes available, consult factory for price
- POA = Price on Application, consult factory for price

Pressure Reducing Valve with Solenoid

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze Reducing Pilot, 120VAC Solenoid, Closing Speed Control, Wye-Strainer,
Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)				
								1S (Note 4)	G1 (Note 5)	G2 (Note 6)	P2 (Note 8)	SC
3"	4050-D	Globe	Class 125	200 PSI	03.00-4050-G-12-US	\$ 9,100	160	\$ 822	\$ 395	\$ 790	\$ 137	\$ 430
	4050-U	Globe	Class 250	300 PSI	03.00-4050-G-25-US	\$ 10,022	170					
4"	4050-D	Globe	Class 125	200 PSI	04.00-4050-G-12-US	\$ 9,678	200	\$ 822	\$ 395	\$ 790	\$ 137	\$ 1,071
	4050-U	Globe	Class 250	300 PSI	04.00-4050-G-25-US	\$ 10,690	215					
6"	4050-D	Globe	Class 125	200 PSI	06.00-4050-G-12-US	\$ 13,496	350	\$ 822	\$ 395	\$ 790	\$ 162	\$ 1,543
	4050-U	Globe	Class 250	300 PSI	06.00-4050-G-25-US	\$ 15,070	375					
8"	4050-D	Globe	Class 125	200 PSI	08.00-4050-G-12-US	\$ 17,498	700	\$ 822	\$ 395	\$ 790	\$ 182	\$ 2,451
	4050-U	Globe	Class 250	300 PSI	08.00-4050-G-25-US	\$ 19,688	780					
10"	4050-D	Globe	Class 125	200 PSI	10.00-4050-G-12-US	\$ 25,018	1,200	\$ 822	\$ 395	\$ 790	\$ 230	\$ 3,451
	4050-U	Globe	Class 250	300 PSI	10.00-4050-G-25-US	\$ 28,219	1,300					
12"	4050-D	Globe	Class 125	200 PSI	12.00-4050-G-12-US	\$ 36,416	1,500	\$ 822	\$ 395	\$ 790	\$ 273	\$ 4,757
	4050-U	Globe	Class 250	300 PSI	12.00-4050-G-25-US	\$ 41,179	1,650					
14"	4050-D	Globe	Class 125	150 PSI	14.00-4050-G-12-US	\$ 46,962	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880	\$ 8,664
	4050-U	Globe	Class 250	300 PSI	14.00-4050-G-25-US	\$ 40,009	1,850					
16"	4050-D	Globe	Class 125	150 PSI	16.00-4050-G-12-US	\$ 60,247	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030	\$ 11,057
	4050-U	Globe	Class 250	300 PSI	16.00-4050-G-25-US	\$ 69,301	2,500					
18"	4050-D	Globe	Class 125	150 PSI	18.00-4050-G-12-US	POA	3,600	POA	POA	POA	POA	POA
	4050-U	Globe	Class 250	300 PSI	18.00-4050-G-25-US	POA	3,850					
20"	4050-D	Globe	Class 125	150 PSI	20.00-4050-G-12-US	POA	3,800	POA	POA	POA	POA	POA
	4050-U	Globe	Class 250	300 PSI	20.00-4050-G-25-US	POA	4,100					
24"	4050-D	Globe	Class 125	150 PSI	24.00-4050-G-12-US	POA	6,000	POA	POA	POA	POA	POA
	4050-U	Globe	Class 250	300 PSI	24.00-4050-G-25-US	POA	6,600					

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS).
- For angle body, suffix "A" to Figure Number (e.g., 4050-UA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-4050-A-12). Globe and angle body valves are the same price.
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 04.00-4050-G-12-US-P2)
- Option 1S is NEMA 1, 4, 13 Rated SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
- Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
- Standard solenoid is 120VAC Watertight, Append "NC" or "NO" to base model number to indicate if main valve closes when solenoid is de-energized (NC) or energized (NO)
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- Larger sizes available, consult factory for price

Pressure Reducing Valve

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze Reducing Pilot, Closing Speed Control, Wye-Strainer, Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)			
								1S (Note 4)	G1 (Note 5)	G2 (Note 6)	P2 (Note 7)
3"	4500-D	Globe	Class 125	200 PSI	03.00-4500-G-12-US	\$ 6,062	160	\$ 822	\$ 395	\$ 790	\$ 137
	4500-U	Globe	Class 250	300 PSI	03.00-4500-G-25-US	\$ 6,972	170				
4"	4500-D	Globe	Class 125	200 PSI	04.00-4500-G-12-US	\$ 6,664	200	\$ 822	\$ 395	\$ 790	\$ 137
	4500-U	Globe	Class 250	300 PSI	04.00-4500-G-25-US	\$ 7,663	215				
6"	4500-D	Globe	Class 125	200 PSI	06.00-4500-G-12-US	\$ 10,633	350	\$ 822	\$ 395	\$ 790	\$ 162
	4500-U	Globe	Class 250	300 PSI	06.00-4500-G-25-US	\$ 12,227	375				
8"	4500-D	Globe	Class 125	200 PSI	08.00-4500-G-12-US	\$ 14,795	700	\$ 822	\$ 395	\$ 790	\$ 182
	4500-U	Globe	Class 250	300 PSI	08.00-4500-G-25-US	\$ 17,014	780				
10"	4500-D	Globe	Class 125	200 PSI	10.00-4500-G-12-US	\$ 21,617	1,200	\$ 822	\$ 395	\$ 790	\$ 230
	4500-U	Globe	Class 250	300 PSI	10.00-4500-G-25-US	\$ 24,860	1,300				
12"	4500-D	Globe	Class 125	200 PSI	12.00-4500-G-12-US	\$ 33,016	1,500	\$ 822	\$ 395	\$ 790	\$ 273
	4500-U	Globe	Class 250	300 PSI	12.00-4500-G-25-US	\$ 37,968	1,650				
14"	4500-D	Globe	Class 125	150 PSI	14.00-4500-G-12-US	\$ 43,287	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880
	4500-U	Globe	Class 250	300 PSI	14.00-4500-G-25-US	\$ 49,779	1,850				
16"	4500-D	Globe	Class 125	150 PSI	16.00-4500-G-12-US	\$ 57,152	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030
	4500-U	Globe	Class 250	300 PSI	16.00-4500-G-25-US	\$ 65,725	2,500				
18"	4500-D	Globe	Class 125	150 PSI	18.00-4500-G-12-US	POA	3,600	POA	POA	POA	POA
	4500-U	Globe	Class 250	300 PSI	18.00-4500-G-25-US	POA	3,850				
20"	4500-D	Globe	Class 125	150 PSI	20.00-4500-G-12-US	POA	3,800	POA	POA	POA	POA
	4500-U	Globe	Class 250	300 PSI	20.00-4500-G-25-US	POA	4,100				
24"	4500-D	Globe	Class 125	150 PSI	24.00-4500-G-12-US	POA	6,000	POA	POA	POA	POA
	4500-U	Globe	Class 250	300 PSI	24.00-4500-G-25-US	POA	6,600				

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS).
- For angle body, suffix "A" to Figure Number (e.g., 4500-UA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-4500-A-12). Globe and angle body valves are the same price.
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 05.00-4500-G-12-US-G2-P2)
- Option 1S is SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
- Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316S
- Larger sizes available, consult factory for price

Direct Acting Pressure Reducing Valves

Lead Free Bronze Body, Stainless Steel Internals, Buna-N Seat, Aluminum Spring Chamber,
Zinc Plated Steel External Fasteners

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight, Lbs.
½"	43-D	Globe	NPT	150 PSI	00.50-43D-G-00-US	\$ 1,750	15
	43-U	Globe	NPT	300 PSI	00.50-43U-G-00-US	\$ 1,837	
1"	43-D	Globe	NPT	150 PSI	01.00-43D-G-00-US	\$ 2,577	35
	43-U	Globe	NPT	300 PSI	01.00-43U-G-00-US	\$ 2,704	
2"	43-D	Globe	NPT	150 PSI	02.00-43D-G-00-US	\$ 3,901	55
	43-U	Globe	NPT	300 PSI	02.00-43U-G-00-US	\$ 4,053	

Pressure Reducing and Sustaining Valve

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze Reducing and Sustaining Pilots, Closing Speed Control, Wye-Strainer,
Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)				
								1S (Note 4)	G1 (Note 5)	G2 (Note 6)	P2 (Note 7)	SC
3"	4700-D	Globe	Class 125	200 PSI	03.00-4700-G-12-US	\$ 7,873	160	\$ 822	\$ 395	\$ 790	\$ 137	\$ 430
	4700-U	Globe	Class 250	300 PSI	03.00-4700-G-25-US	\$ 8,783	170					
4"	4700-D	Globe	Class 125	200 PSI	04.00-4700-G-12-US	\$ 8,809	200	\$ 822	\$ 395	\$ 790	\$ 137	\$ 1,071
	4700-U	Globe	Class 250	300 PSI	04.00-4700-G-25-US	\$ 9,809	215					
6"	4700-D	Globe	Class 125	200 PSI	06.00-4700-G-12-US	\$ 12,705	350	\$ 822	\$ 395	\$ 790	\$ 162	\$ 1,543
	4700-U	Globe	Class 250	300 PSI	06.00-4700-G-25-US	\$ 14,300	375					
8"	4700-D	Globe	Class 125	200 PSI	08.00-4700-G-12-US	\$ 16,784	700	\$ 822	\$ 395	\$ 790	\$ 182	\$ 2,451
	4700-U	Globe	Class 250	300 PSI	08.00-4700-G-25-US	\$ 19,003	780					
10"	4700-D	Globe	Class 125	200 PSI	10.00-4700-G-12-US	\$ 23,477	1,200	\$ 822	\$ 395	\$ 790	\$ 230	\$ 3,451
	4700-U	Globe	Class 250	300 PSI	10.00-4700-G-25-US	\$ 26,719	1,300					
12"	4700-D	Globe	Class 125	200 PSI	12.00-4700-G-12-US	\$ 34,658	1,500	\$ 822	\$ 395	\$ 790	\$ 273	\$ 4,757
	4700-U	Globe	Class 250	300 PSI	12.00-4700-G-25-US	\$ 39,610	1,650					
14"	4700-D	Globe	Class 125	150 PSI	14.00-4700-G-12-US	\$ 48,156	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880	\$ 8,664
	4700-U	Globe	Class 250	300 PSI	14.00-4700-G-25-US	\$ 54,649	1,850					
16"	4700-D	Globe	Class 125	150 PSI	16.00-4700-G-12-US	\$ 63,834	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030	\$ 11,057
	4700-U	Globe	Class 250	300 PSI	16.00-4700-G-25-US	\$ 72,407	2,500					
18"	4700-D	Globe	Class 125	150 PSI	18.00-4700-G-12-US	POA	3,600	POA	POA	POA	POA	POA
	4700-U	Globe	Class 250	300 PSI	18.00-4700-G-25-US	POA	3,850					
20"	4700-D	Globe	Class 125	150 PSI	20.00-4700-G-12-US	POA	3,800	POA	POA	POA	POA	POA
	4700-U	Globe	Class 250	300 PSI	20.00-4700-G-25-US	POA	4,100					
24"	4700-D	Globe	Class 125	150 PSI	24.00-4700-G-12-US	POA	6,000	POA	POA	POA	POA	POA
	4700-U	Globe	Class 250	300 PSI	24.00-4700-G-25-US	POA	6,600					

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- For angle body, suffix "A" to Figure Number (e.g., 4700-UA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-4700-A-12). Globe and angle body valves are the same price.
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 08.00-4700-G-12-US-G2-P2)
- Option 1S is SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
- Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- Larger sizes available, consult factory for price
- POA = Price on Application, consult factory for price

OCWUT 36-24

Pressure Reducing and Check Valve

Cast Iron Body, Lead Free Bronze Internals with Stop-Check Piston, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze Reducing Pilot, Closing Speed Control, Wye-Strainer, Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)			
								1S (Note 4)	G1 (Note 5)	G2 (Note 6)	P2 (Note 7)
3"	4900-D	Globe	Class 125	200 PSI	03.00-4900-G-12-US	\$ 6,553	160	\$ 822	\$ 395	\$ 790	\$ 137
	4900-U	Globe	Class 250	300 PSI	03.00-4900-G-25-US	\$ 7,462	170				
4"	4900-D	Globe	Class 125	200 PSI	04.00-4900-G-12-US	\$ 7,735	200	\$ 822	\$ 395	\$ 790	\$ 137
	4900-U	Globe	Class 250	300 PSI	04.00-4900-G-25-US	\$ 8,735	215				
6"	4900-D	Globe	Class 125	200 PSI	06.00-4900-G-12-US	\$ 12,175	350	\$ 822	\$ 395	\$ 790	\$ 162
	4900-U	Globe	Class 250	300 PSI	06.00-4900-G-25-US	\$ 13,770	375				
8"	4900-D	Globe	Class 125	200 PSI	08.00-4900-G-12-US	\$ 17,246	700	\$ 822	\$ 395	\$ 790	\$ 182
	4900-U	Globe	Class 250	300 PSI	08.00-4900-G-25-US	\$ 19,465	780				
10"	4900-D	Globe	Class 125	200 PSI	10.00-4900-G-12-US	\$ 25,068	1,200	\$ 822	\$ 395	\$ 790	\$ 230
	4900-U	Globe	Class 250	300 PSI	10.00-4900-G-25-US	\$ 28,311	1,300				
12"	4900-D	Globe	Class 125	200 PSI	12.00-4900-G-12-US	\$ 37,772	1,500	\$ 822	\$ 395	\$ 790	\$ 273
	4900-U	Globe	Class 250	300 PSI	12.00-4900-G-25-US	\$ 42,725	1,650				
14"	4900-D	Globe	Class 125	150 PSI	14.00-4900-G-12-US	\$ 51,950	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880
	4900-U	Globe	Class 250	300 PSI	14.00-4900-G-25-US	\$ 58,443	1,850				
16"	4900-D	Globe	Class 125	150 PSI	16.00-4900-G-12-US	\$ 68,210	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030
	4900-U	Globe	Class 250	300 PSI	16.00-4900-G-25-US	\$ 76,782	2,500				
18"	4900-D	Globe	Class 125	150 PSI	18.00-4900-G-12-US	POA	3,600	POA	POA	POA	POA
	4900-U	Globe	Class 250	300 PSI	18.00-4900-G-25-US	POA	3,850				
20"	4900-D	Globe	Class 125	150 PSI	20.00-4900-G-12-US	POA	3,800	POA	POA	POA	POA
	4900-U	Globe	Class 250	300 PSI	20.00-4900-G-25-US	POA	4,100				
24"	4900-D	Globe	Class 125	150 PSI	24.00-4900-G-12-US	POA	6,000	POA	POA	POA	POA
	4900-U	Globe	Class 250	300 PSI	24.00-4900-G-25-US	POA	6,600				

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- For angle body, suffix "A" to Figure Number (e.g., 4700-UA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-4900-A-12). Globe and angle body valves are the same price.
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 08.00-4900-G-12-US-G2-P2)
- Option 1S is SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
- Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- Larger sizes available, consult factory for price
- POA = Price on Application, consult factory for price

Back Pressure Sustaining Valve

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze Sustaining Pilot, Closing Speed Control, Wye-Strainer, Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)				
								1S (Note 4)	G1 (Note 5)	G2 (Note 6)	P2 (Note 7)	SC
3"	6700-DR	Globe	Class 125	200 PSI	03.00-6700R-G-12-US	\$ 6,062	160	\$ 822	\$ 395	\$ 790	\$ 137	\$ 430
	6700-UR	Globe	Class 250	300 PSI	03.00-6700R-G-25-US	\$ 6,972	170					
4"	6700-DR	Globe	Class 125	200 PSI	04.00-6700R-G-12-US	\$ 6,664	200	\$ 822	\$ 395	\$ 790	\$ 137	\$ 1,071
	6700-UR	Globe	Class 250	300 PSI	04.00-6700R-G-25-US	\$ 7,663	215					
6"	6700-DR	Globe	Class 125	200 PSI	06.00-6700R-G-12-US	\$ 10,633	350	\$ 822	\$ 395	\$ 790	\$ 162	\$ 1,543
	6700-UR	Globe	Class 250	300 PSI	06.00-6700R-G-25-US	\$ 12,227	375					
8"	6700-DR	Globe	Class 125	200 PSI	08.00-6700R-G-12-US	\$ 14,795	700	\$ 822	\$ 395	\$ 790	\$ 182	\$ 2,451
	6700-UR	Globe	Class 250	300 PSI	08.00-6700R-G-25-US	\$ 17,014	780					
10"	6700-DR	Globe	Class 125	200 PSI	10.00-6700R-G-12-US	\$ 21,617	1,200	\$ 822	\$ 395	\$ 790	\$ 230	\$ 3,451
	6700-UR	Globe	Class 250	300 PSI	10.00-6700R-G-25-US	\$ 24,860	1,300					
12"	6700-DR	Globe	Class 125	200 PSI	12.00-6700R-G-12-US	\$ 33,016	1,500	\$ 822	\$ 395	\$ 790	\$ 273	\$ 4,757
	6700-UR	Globe	Class 250	300 PSI	12.00-6700R-G-25-US	\$ 37,968	1,650					
14"	6700-DR	Globe	Class 125	150 PSI	14.00-6700R-G-12-US	\$ 43,287	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880	\$ 8,664
	6700-UR	Globe	Class 250	300 PSI	14.00-6700R-G-25-US	\$ 49,779	1,850					
16"	6700-DR	Globe	Class 125	150 PSI	16.00-6700R-G-12-US	\$ 57,152	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030	\$ 11,057
	6700-UR	Globe	Class 250	300 PSI	16.00-6700R-G-25-US	\$ 65,725	2,500					
18"	6700-DR	Globe	Class 125	150 PSI	18.00-6700R-G-12-US	POA	3,600	POA	POA	POA	POA	POA
	6700-UR	Globe	Class 250	300 PSI	18.00-6700R-G-25-US	POA	3,850					
20"	6700-DR	Globe	Class 125	150 PSI	20.00-6700R-G-12-US	POA	3,800	POA	POA	POA	POA	POA
	6700-UR	Globe	Class 250	300 PSI	20.00-6700R-G-25-US	POA	4,100					
24"	6700-DR	Globe	Class 125	150 PSI	24.00-6700R-G-12-US	POA	6,000	POA	POA	POA	POA	POA
	6700-UR	Globe	Class 250	300 PSI	24.00-6700R-G-25-US	POA	6,600					

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- For angle body, suffix "A" to Figure Number (e.g., 6700R-UA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-6700R-A-12). Globe and angle body valves are the same price.
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 08.00-6700R-G-12-US-G2-P2)
- Option 1S is SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
- Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- Larger sizes available, consult factory for price
- POA = Price on Application, consult factory for price

SINGLE ACTING (ONE WAY FLOW) ALTITUDE VALVE

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze/Stainless Steel Altitude Pilot, Closing Speed Control, Wye-Strainer,
Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)			
								1S (Note 5)	G1 (Note 6)	G2 (Note 7)	P2 (Note 8)
3"	3200-D	Globe	Class 125	200 PSI	03.00-3200-G-12-US	\$ 9,060	160	\$ 822	\$ 395	\$ 790	\$ 137
	3200-U	Globe	Class 250	300 PSI	03.00-3200-G-25-US	\$ 9,969	170				
4"	3200-D	Globe	Class 125	200 PSI	04.00-3200-G-12-US	\$ 10,172	200	\$ 822	\$ 395	\$ 790	\$ 137
	3200-U	Globe	Class 250	300 PSI	04.00-3200-G-25-US	\$ 11,172	215				
6"	3200-D	Globe	Class 125	200 PSI	06.00-3200-G-12-US	\$ 13,709	350	\$ 822	\$ 395	\$ 790	\$ 162
	3200-U	Globe	Class 250	300 PSI	06.00-3200-G-25-US	\$ 15,304	375				
8"	3200-D	Globe	Class 125	200 PSI	08.00-3200-G-12-US	\$ 19,096	700	\$ 822	\$ 395	\$ 790	\$ 182
	3200-U	Globe	Class 250	300 PSI	08.00-3200-G-25-US	\$ 21,315	780				
10"	3200-D	Globe	Class 125	200 PSI	10.00-3200-G-12-US	\$ 24,779	1,200	\$ 822	\$ 395	\$ 790	\$ 230
	3200-U	Globe	Class 250	300 PSI	10.00-3200-G-25-US	\$ 28,022	1,300				
12"	3200-D	Globe	Class 125	200 PSI	12.00-3200-G-12-US	\$ 32,846	1,500	\$ 822	\$ 395	\$ 790	\$ 273
	3200-U	Globe	Class 250	300 PSI	12.00-3200-G-25-US	\$ 37,798	1,650				
14"	3200-D	Globe	Class 125	150 PSI	14.00-3200-G-12-US	\$ 51,284	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880
	3200-U	Globe	Class 250	300 PSI	14.00-3200-G-25-US	\$ 57,777	1,850				
16"	3200-D	Globe	Class 125	150 PSI	16.00-3200-G-12-US	\$ 69,894	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030
	3200-U	Globe	Class 250	300 PSI	16.00-3200-G-25-US	\$ 78,466	2,500				
18"	3200-D	Globe	Class 125	150 PSI	18.00-3200-G-12-US	POA	3,600	POA	POA	POA	POA
	3200-U	Globe	Class 250	300 PSI	18.00-3200-G-25-US	POA	3,850				
20"	3200-D	Globe	Class 125	150 PSI	20.00-3200-G-12-US	POA	3,800	POA	POA	POA	POA
	3200-U	Globe	Class 250	300 PSI	20.00-3200-G-25-US	POA	4,100				
24"	3200-D	Globe	Class 125	150 PSI	24.00-3200-G-12-US	POA	6,000	POA	POA	POA	POA
	3200-U	Globe	Class 250	300 PSI	24.00-3200-G-25-US	POA	6,600				

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- For angle body, suffix "A" to Figure Number (e.g., 3200-UA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-3200-A-12). Globe and angle body valves are the same price.
- For Differential Level (Delayed Opening) feature, suffix "E" to Figure Number (e.g., 3200-DE), add "E" to Base Valve Model Number (e.g., 12.00-3200E-G-12) and \$1,897 to the Base Valve List Price.
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 16.00-3200-G-12-US-1S-P2)
- Option 1S is SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
- Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- Larger sizes available, consult factory for price

DOUBLE ACTING (TWO WAY FLOW) ALTITUDE VALVE

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze/Stainless Steel Altitude Pilot, Closing Speed Control, Wye-Strainer,
Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)			
								1S (Note 4)	G1 (Note 5)	G2 (Note 6)	P2 (Note 7)
3"	3300-D	Globe	Class 125	200 PSI	03.00-3300-G-12-US	\$ 9,060	160	\$ 822	\$ 395	\$ 790	\$ 137
	3300-U	Globe	Class 250	300 PSI	03.00-3300-G-25-US	\$ 9,969	170				
4"	3300-D	Globe	Class 125	200 PSI	04.00-3300-G-12-US	\$ 10,172	200	\$ 822	\$ 395	\$ 790	\$ 137
	3300-U	Globe	Class 250	300 PSI	04.00-3300-G-25-US	\$ 11,172	215				
6"	3300-D	Globe	Class 125	200 PSI	06.00-3300-G-12-US	\$ 13,709	350	\$ 822	\$ 395	\$ 790	\$ 162
	3300-U	Globe	Class 250	300 PSI	06.00-3300-G-25-US	\$ 15,304	375				
8"	3300-D	Globe	Class 125	200 PSI	08.00-3300-G-12-US	\$ 19,096	700	\$ 822	\$ 395	\$ 790	\$ 182
	3300-U	Globe	Class 250	300 PSI	08.00-3300-G-25-US	\$ 21,315	780				
10"	3300-D	Globe	Class 125	200 PSI	10.00-3300-G-12-US	\$ 24,779	1,200	\$ 822	\$ 395	\$ 790	\$ 230
	3300-U	Globe	Class 250	300 PSI	10.00-3300-G-25-US	\$ 28,022	1,300				
12"	3300-D	Globe	Class 125	200 PSI	12.00-3300-G-12-US	\$ 32,846	1,500	\$ 822	\$ 395	\$ 790	\$ 273
	3300-U	Globe	Class 250	300 PSI	12.00-3300-G-25-US	\$ 37,798	1,650				
14"	3300-D	Globe	Class 125	150 PSI	14.00-3300-G-12-US	\$ 51,284	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880
	3300-U	Globe	Class 250	300 PSI	14.00-3300-G-25-US	\$ 57,777	1,850				
16"	3300-D	Globe	Class 125	150 PSI	16.00-3300-G-12-US	\$ 69,894	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030
	3300-U	Globe	Class 250	300 PSI	16.00-3300-G-25-US	\$ 78,466	2,500				
18"	3300-D	Globe	Class 125	150 PSI	18.00-3300-G-12-US	POA	3,600	POA	POA	POA	POA
	3300-U	Globe	Class 250	300 PSI	18.00-3300-G-25-US	POA	3,850				
20"	3300-D	Globe	Class 125	150 PSI	20.00-3300-G-12-US	POA	3,800	POA	POA	POA	POA
	3300-U	Globe	Class 250	300 PSI	20.00-3300-G-25-US	POA	4,100				
24"	3300-D	Globe	Class 125	150 PSI	24.00-3300-G-12-US	POA	6,000	POA	POA	POA	POA
	3300-U	Globe	Class 250	300 PSI	24.00-3300-G-25-US	POA	6,600				

NOTES

1. "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
2. For angle body, suffix "A" to Figure Number (e.g., 3300-UA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-3300-A-12). Globe and angle body valves are the same price.
3. See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 16.00-3300-G-12-US-1S-P2)
4. Option 1S is SPDT limit switch set to actuate when valve is closed.
5. Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
6. Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
7. Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
8. Larger sizes available, consult factory for price
9. POA = Price on Application, consult factory for price

SINGLE ACTING (ONE WAY FLOW) ALTITUDE VALVE with CHECK FEATURE

Cast Iron Body, Lead Free Bronze Internals with Stop-Check Piston, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze/Stainless Steel Altitude Pilot, Closing Speed Control, Wye-Strainer,
Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)			
								1S (Note 5)	G1 (Note 6)	G2 (Note 7)	P2 (Note 8)
3"	3400-D	Globe	Class 125	200 PSI	03.00-3400-G-12-US	\$ 9,550	160	\$ 822	\$ 395	\$ 790	\$ 137
	3400-U	Globe	Class 250	300 PSI	03.00-3400-G-25-US	\$ 10,459	170				
4"	3400-D	Globe	Class 125	200 PSI	04.00-3400-G-12-US	\$ 11,243	200	\$ 822	\$ 395	\$ 790	\$ 137
	3400-U	Globe	Class 250	300 PSI	04.00-3400-G-25-US	\$ 12,243	215				
6"	3400-D	Globe	Class 125	200 PSI	06.00-3400-G-12-US	\$ 15,252	350	\$ 822	\$ 395	\$ 790	\$ 162
	3400-U	Globe	Class 250	300 PSI	06.00-3400-G-25-US	\$ 16,847	375				
8"	3400-D	Globe	Class 125	200 PSI	08.00-3400-G-12-US	\$ 21,547	700	\$ 822	\$ 395	\$ 790	\$ 182
	3400-U	Globe	Class 250	300 PSI	08.00-3400-G-25-US	\$ 23,766	780				
10"	3400-D	Globe	Class 125	200 PSI	10.00-3400-G-12-US	\$ 28,230	1,200	\$ 822	\$ 395	\$ 790	\$ 230
	3400-U	Globe	Class 250	300 PSI	10.00-3400-G-25-US	\$ 31,473	1,300				
12"	3400-D	Globe	Class 125	200 PSI	12.00-3400-G-12-US	\$ 37,602	1,500	\$ 822	\$ 395	\$ 790	\$ 273
	3400-U	Globe	Class 250	300 PSI	12.00-3400-G-25-US	\$ 42,555	1,650				
14"	3400-D	Globe	Class 125	150 PSI	14.00-3400-G-12-US	\$ 59,948	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880
	3400-U	Globe	Class 250	300 PSI	14.00-3400-G-25-US	\$ 66,441	1,850				
16"	3400-D	Globe	Class 125	150 PSI	16.00-3400-G-12-US	\$ 80,951	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030
	3400-U	Globe	Class 250	300 PSI	16.00-3400-G-25-US	\$ 89,524	2,500				
18"	3400-D	Globe	Class 125	150 PSI	18.00-3400-G-12-US	POA	3,600	POA	POA	POA	POA
	3400-U	Globe	Class 250	300 PSI	18.00-3400-G-25-US	POA	3,850				
20"	3400-D	Globe	Class 125	150 PSI	20.00-3400-G-12-US	POA	3,800	POA	POA	POA	POA
	3400-U	Globe	Class 250	300 PSI	20.00-3400-G-25-US	POA	4,100				
24"	3400-D	Globe	Class 125	150 PSI	24.00-3400-G-12-US	POA	6,000	POA	POA	POA	POA
	3400-U	Globe	Class 250	300 PSI	24.00-3400-G-25-US	POA	6,600				

NOTES

1. "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
2. For angle body, suffix "A" to Figure Number (e.g., 3400-UA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-3400-A-12). Globe and angle body valves are the same price.
3. For Differential Level (Delayed Opening) feature, suffix "E" to Figure Number (e.g., 3400-DE), add "E" to Base Valve Model Number (e.g., 12.00-3400E-G-12) and \$1,897 to the Base Valve List Price.
4. See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 12.00-3400-G-12-US-1S-P2)
5. Option 1S is SPDT limit switch set to actuate when valve is closed.
6. Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
7. Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
8. Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
9. Larger sizes available, consult factory for price

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SINGLE ACTING (ONE WAY FLOW) ALTITUDE VALVE with BACKPRESSURE SUSTAINING

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze/Stainless Steel Altitude Pilot, Lead Free Bronze Sustaining Pilot, Closing Speed Control, Wye-Strainer, Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)			
								1S (Note 6)	G1 (Note 7)	G2 (Note 8)	P2 (Note 9)
3"	3670-DR	Globe	Class 125	200 PSI	03.00-3670-G-12-US	\$ 10,803	160	\$ 822	\$ 395	\$ 790	\$ 137
	3670-UR	Globe	Class 250	300 PSI	03.00-3670-G-25-US	\$ 11,713	170				
4"	3670-DR	Globe	Class 125	200 PSI	04.00-3670-G-12-US	\$ 11,967	200	\$ 822	\$ 395	\$ 790	\$ 137
	3670-UR	Globe	Class 250	300 PSI	04.00-3670-G-25-US	\$ 12,967	215				
6"	3670-DR	Globe	Class 125	200 PSI	06.00-3670-G-12-US	\$ 15,653	350	\$ 822	\$ 395	\$ 790	\$ 162
	3670-UR	Globe	Class 250	300 PSI	06.00-3670-G-25-US	\$ 17,247	375				
8"	3670-DR	Globe	Class 125	200 PSI	08.00-3670-G-12-US	\$ 21,675	700	\$ 822	\$ 395	\$ 790	\$ 182
	3670-UR	Globe	Class 250	300 PSI	08.00-3670-G-25-US	\$ 23,894	780				
10"	3670-DR	Globe	Class 125	200 PSI	10.00-3670-G-12-US	\$ 27,766	1,200	\$ 822	\$ 395	\$ 790	\$ 230
	3670-UR	Globe	Class 250	300 PSI	10.00-3670-G-25-US	\$ 31,008	1,300				
12"	3670-DR	Globe	Class 125	200 PSI	12.00-3670-G-12-US	\$ 36,172	1,500	\$ 822	\$ 395	\$ 790	\$ 273
	3670-UR	Globe	Class 250	300 PSI	12.00-3670-G-25-US	\$ 41,124	1,650				
14"	3670-DR	Globe	Class 125	150 PSI	14.00-3670-G-12-US	\$ 52,909	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880
	3670-UR	Globe	Class 250	300 PSI	14.00-3670-G-25-US	\$ 59,402	1,850				
16"	3670-DR	Globe	Class 125	150 PSI	16.00-3670-G-12-US	\$ 72,205	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030
	3670-UR	Globe	Class 250	300 PSI	16.00-3670-G-25-US	\$ 80,778	2,500				
18"	3670-DR	Globe	Class 125	150 PSI	18.00-3670-G-12-US	POA	3,600	POA	POA	POA	POA
	3670-UR	Globe	Class 250	300 PSI	18.00-3670-G-25-US	POA	3,850				
20"	3670-DR	Globe	Class 125	150 PSI	20.00-3670-G-12-US	POA	3,800	POA	POA	POA	POA
	3670-UR	Globe	Class 250	300 PSI	20.00-3670-G-25-US	POA	4,100				
24"	3670-DR	Globe	Class 125	150 PSI	24.00-3670-G-12-US	POA	6,000	POA	POA	POA	POA
	3670-UR	Globe	Class 250	300 PSI	24.00-3670-G-25-US	POA	6,600				

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- For angle body, suffix "A" to Figure Number (e.g., 3670-DRA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-3670-A-12). Globe and angle body valves are the same price.
- For Differential Level (Delayed Opening) feature, suffix "E" to Figure Number (e.g., 3670-DRE), add "E" to Base Valve Model Number (e.g., 12.00-3670E-G-12) and \$1,984 to the Base Valve List Price.
- To add optional Solenoid Shutoff feature, suffix "S" to Figure Number (e.g., 3670-DRS, 3670-DRES), add "S" to Base Valve Model Number (e.g., 12.00-3670S-G-12) and add \$873 to the Base Valve List Price. Append "NC" or "NO" to base model number to indicate if main valve closes when solenoid is de-energized (NC) or energized (NO)
- See Page 22 for model numbering system, option code definitions and availability. String options separated by a hyphen (e.g., 20.00-3670-G-12-US-1S-G1-P2)
- Option 1S is SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
- Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- Larger sizes available, consult factory for price

SINGLE ACTING (ONE WAY FLOW) ALTITUDE VALVE with SOLENOID SHUTOFF

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze/Stainless Steel Altitude Pilot, 120VAC Solenoid, Closing Speed Control, Wye-Strainer, Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)				
								1S (Note 7)	G1 (Note 8)	G2 (Note 9)	P2 (Note 10)	SC (Note 5)
3"	3800-D	Globe	Class 125	200 PSI	03.00-3800-G-12-US	\$ 12,565	160	\$ 822	\$ 395	\$ 790	\$ 137	\$ 430
	3800-U	Globe	Class 250	300 PSI	03.00-3800-G-25-US	\$ 13,474	170					
4"	3800-D	Globe	Class 125	200 PSI	04.00-3800-G-12-US	\$ 13,678	200	\$ 822	\$ 395	\$ 790	\$ 137	\$ 1,071
	3800-U	Globe	Class 250	300 PSI	04.00-3800-G-25-US	\$ 14,677	215					
6"	3800-D	Globe	Class 125	200 PSI	06.00-3800-G-12-US	\$ 17,193	350	\$ 822	\$ 395	\$ 790	\$ 162	\$ 1,543
	3800-U	Globe	Class 250	300 PSI	06.00-3800-G-25-US	\$ 18,787	375					
8"	3800-D	Globe	Class 125	200 PSI	08.00-3800-G-12-US	\$ 22,468	700	\$ 822	\$ 395	\$ 790	\$ 182	\$ 2,451
	3800-U	Globe	Class 250	300 PSI	08.00-3800-G-25-US	\$ 24,687	780					
10"	3800-D	Globe	Class 125	200 PSI	10.00-3800-G-12-US	\$ 28,262	1,200	\$ 822	\$ 395	\$ 790	\$ 230	\$ 3,451
	3800-U	Globe	Class 250	300 PSI	10.00-3800-G-25-US	\$ 31,505	1,300					
12"	3800-D	Globe	Class 125	200 PSI	12.00-3800-G-12-US	\$ 36,218	1,500	\$ 822	\$ 395	\$ 790	\$ 273	\$ 4,757
	3800-U	Globe	Class 250	300 PSI	12.00-3800-G-25-US	\$ 41,171	1,650					
14"	3800-D	Globe	Class 125	150 PSI	14.00-3800-G-12-US	\$ 54,656	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880	\$ 8,664
	3800-U	Globe	Class 250	300 PSI	14.00-3800-G-25-US	\$ 61,149	1,850					
16"	3800-D	Globe	Class 125	150 PSI	16.00-3800-G-12-US	\$ 73,266	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030	\$ 11,057
	3800-U	Globe	Class 250	300 PSI	16.00-3800-G-25-US	\$ 81,839	2,500					
18"	3800-D	Globe	Class 125	150 PSI	18.00-3800-G-12-US	POA	3,600	POA	POA	POA	POA	POA
	3800-U	Globe	Class 250	300 PSI	18.00-3800-G-25-US	POA	3,850					
20"	3800-D	Globe	Class 125	150 PSI	20.00-3800-G-12-US	POA	3,800	POA	POA	POA	POA	POA
	3800-U	Globe	Class 250	300 PSI	20.00-3800-G-25-US	POA	4,100					
24"	3800-D	Globe	Class 125	150 PSI	24.00-3800-G-12-US	POA	6,000	POA	POA	POA	POA	POA
	3800-U	Globe	Class 250	300 PSI	24.00-3800-G-25-US	POA	6,600					

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- For angle body, suffix "A" to Figure Number (e.g., 3800-DA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-3800-A-12-US). Globe and angle body valves are the same price.
- For Differential Level (Delayed Opening) feature, suffix "E" to Figure Number (e.g., 3800-DE), add "E" to Base Valve Model Number (e.g., 12.00-3800E-G-12-US) and \$1,897 to the Base Valve List Price.
- See Page 22 for model numbering system, option definitions and availability. String options separated by a hyphen (e.g., 12.00-3800-G-12-US-1S-NO-P2)
- For "Stop-Check Piston" feature, suffix "C" to Figure Number (e.g., 3800-DC) and append Option SC to Base Model Number (e.g., 08.00-3800-G-12-US-SC)
- Append "NC" or "NO" to base model number to indicate if main valve closes when solenoid is de-energized (NC) or energized (NO)
- Option 1S is SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
- Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- Larger sizes available, consult factory for price
- POA = Price on Application, consult factory for price

SINGLE ACTING (TWO WAY FLOW) ALTITUDE VALVE with SOLENOID SHUTOFF

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners

Includes Visual Position Indicator, Lead Free Brass/Bronze/Stainless Steel Altitude Pilot, 120VAC Solenoid, Closing Speed Control, Wye-Strainer, Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)			
								1S (Note 5)	G1 (Note 6)	G2 (Note 7)	P2 (Note 8)
3"	3900-D	Globe	Class 125	200 PSI	03.00-3900-G-12-US	\$ 13,886	160	\$ 822	\$ 395	\$ 790	\$ 137
	3900-U	Globe	Class 250	300 PSI	03.00-3900-G-25-US	\$ 14,796	170				
4"	3900-D	Globe	Class 125	200 PSI	04.00-3900-G-12-US	\$ 14,999	200	\$ 822	\$ 395	\$ 790	\$ 137
	3900-U	Globe	Class 250	300 PSI	04.00-3900-G-25-US	\$ 15,999	215				
6"	3900-D	Globe	Class 125	200 PSI	06.00-3900-G-12-US	\$ 18,506	350	\$ 822	\$ 395	\$ 790	\$ 162
	3900-U	Globe	Class 250	300 PSI	06.00-3900-G-25-US	\$ 20,101	375				
8"	3900-D	Globe	Class 125	200 PSI	08.00-3900-G-12-US	\$ 23,740	700	\$ 822	\$ 395	\$ 790	\$ 182
	3900-U	Globe	Class 250	300 PSI	08.00-3900-G-25-US	\$ 25,959	780				
10"	3900-D	Globe	Class 125	200 PSI	10.00-3800-G-12-US	\$ 29,699	1,200	\$ 822	\$ 395	\$ 790	\$ 230
	3900-U	Globe	Class 250	300 PSI	10.00-3900-G-25-US	\$ 32,942	1,300				
12"	3900-D	Globe	Class 125	200 PSI	12.00-3900-G-12-US	\$ 37,490	1,500	\$ 822	\$ 395	\$ 790	\$ 273
	3900-U	Globe	Class 250	300 PSI	12.00-3900-G-25-US	\$ 42,442	1,650				
14"	3900-D	Globe	Class 125	150 PSI	14.00-3900-G-12-US	\$ 55,928	1,700	\$ 1,037	\$ 395	\$ 790	\$ 880
	3900-U	Globe	Class 250	300 PSI	14.00-3900-G-25-US	\$ 62,421	1,850				
16"	3900-D	Globe	Class 125	150 PSI	16.00-3900-G-12-US	\$ 74,537	2,300	\$ 1,037	\$ 395	\$ 790	\$ 1,030
	3900-U	Globe	Class 250	300 PSI	16.00-3900-G-25-US	\$ 83,110	2,500				
18"	3900-D	Globe	Class 125	150 PSI	18.00-3900-G-12-US	POA	3,600	POA	POA	POA	POA
	3900-U	Globe	Class 250	300 PSI	18.00-3900-G-25-US	POA	3,850				
20"	3900-D	Globe	Class 125	150 PSI	20.00-3900-G-12-US	POA	3,800	POA	POA	POA	POA
	3900-U	Globe	Class 250	300 PSI	20.00-3900-G-25-US	POA	4,100				
24"	3900-D	Globe	Class 125	150 PSI	24.00-3900-G-12-US	POA	6,000	POA	POA	POA	POA
	3900-U	Globe	Class 250	300 PSI	24.00-3900-G-25-US	POA	6,600				

NOTES

- "US" in Base Model Number Indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- For angle body, suffix "A" to Figure Number (e.g., 3900-DA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-3900-A-12-US). Globe and angle body valves are the same price.
- See Page 22 for model numbering system, option definitions and availability. String options separated by a hyphen (e.g., 12.00-3900-G-12-US-1S-NO-P2)
- Append "NC" or "NO" to base model number to indicate if main valve closes when solenoid is de-energized (NC) or energized (NO)
- Option 1S is SPDT limit switch set to actuate when valve is closed.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve, installed on outlet side of valve
- Option G2 is 2½" glycerin filled pressure gauge with isolating valve, installed on inlet and outlet side of valve
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- Larger sizes available, consult factory for price
- POA = Price on Application, consult factory for price

OPEN/CLOSE (ON/OFF) SOLENOID VALVES

Cast Iron Body, Lead Free Bronze Internals, Buna-N Seat, Zinc Plated Steel External Fasteners
Includes Visual Position Indicator, 120VAC Solenoid, Opening and Closing Speed Controls, Lead Free Brass/Bronze Wye-Strainer,
Pilot Isolating Valves and Control Piping

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)					
								1S (Note 5)	2S (Note 5)	G1 (Note 6)	MO (Note 7)	P2 (Note 8)	SC (Note 9)
3"	7100-D	Globe	Class 125	200 PSI	03.00-7100-G-12-US	\$ 6,287	260	\$ 822	\$ 1,425	\$ 395	\$ 318	\$ 137	\$ 490
	7300-D				03.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	03.00-7100-G-25-US	\$ 7,361	270						
	7300-U				03.00-7300-G-25-US								
4"	7100-D	Globe	Class 125	200 PSI	04.00-7100-G-12-US	\$ 7,457	300	\$ 822	\$ 1,425	\$ 395	\$ 318	\$ 137	\$ 1,071
	7300-D				04.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	04.00-7100-G-25-US	\$ 8,506	315						
	7300-U				04.00-7300-G-25-US								
6"	7100-D	Globe	Class 125	200 PSI	06.00-7100-G-12-US	\$ 11,282	450	\$ 822	\$ 1,425	\$ 395	\$ 318	\$ 162	\$ 1,543
	7300-D				06.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	06.00-7100-G-25-US	\$ 12,631	475						
	7300-U				06.00-7300-G-25-US								
8"	7100-D	Globe	Class 125	200 PSI	08.00-7100-G-12-US	\$ 17,651	800	\$ 822	\$ 1,425	\$ 395	\$ 318	\$ 182	\$ 2,451
	7300-D				08.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	08.00-7100-G-25-US	\$ 20,213	880						
	7300-U				08.00-7300-G-25-US								
10"	7100-D	Globe	Class 125	200 PSI	10.00-7100-G-12-US	\$ 23,012	1,300	\$ 822	\$ 1,425	\$ 395	\$ 318	\$ 230	\$ 3,541
	7300-D				10.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	10.00-7100-G-25-US	\$ 26,053	1,400						
	7300-U				10.00-7300-G-25-US								
12"	7100-D	Globe	Class 125	200 PSI	12.00-7100-G-12-US	\$ 32,709	1,600	\$ 822	\$ 1,425	\$ 395	\$ 318	\$ 273	\$ 4,757
	7300-D				12.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	12.00-7100-G-25-US	\$ 36,819	1,750						
	7300-U				12.00-7300-G-25-US								
14"	7100-D	Globe	Class 125	150 PSI	14.00-7100-G-12-US	\$ 55,155	1,800	\$ 1,037	\$ 1,691	\$ 395	\$ 712	\$ 880	\$ 8,664
	7300-D				14.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	14.00-7100-G-25-US	\$ 61,054	1,950						
	7300-U				14.00-7300-G-25-US								
16"	7100-D	Globe	Class 125	150 PSI	16.00-7100-G-12-US	\$ 76,353	2,400	\$ 1,037	\$ 1,691	\$ 395	\$ 712	\$ 1,030	\$ 11,057
	7300-D				16.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	16.00-7100-G-25-US	\$ 84,060	2,600						
	7300-U				16.00-7300-G-25-US								
18"	7100-D	Globe	Class 125	150 PSI	18.00-7100-G-12-US	POA	3,700	POA	POA	POA	POA	POA	POA
	7300-D				18.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	18.00-7100-G-25-US	POA	3,950						
	7300-U				18.00-7300-G-25-US								
20"	7100-D	Globe	Class 125	150 PSI	20.00-7100-G-12-US	POA	3,900	POA	POA	POA	POA	POA	POA
	7300-D				20.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	20.00-7100-G-25-US	POA	4,200						
	7300-U				20.00-7300-G-25-US								
24"	7100-D	Globe	Class 125	150 PSI	24.00-7100-G-12-US	POA	6,000	POA	POA	POA	POA	POA	POA
	7300-D				24.00-7300-G-12-US								
	7100-U	Globe	Class 250	300 PSI	24.00-7100-G-25-US	POA	6,600						
	7300-U				24.00-7300-G-25-US								

NOTES

- Figure 7100-D/-U are "normally open" (energize to close) and Figure 7300-D/-U are "normally closed" (energize to open)
- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- For angle body, suffix "A" to Figure Number (e.g., 7300-DA) and change "G" to "A" in Base Valve Model Number (e.g., 12.00-7300-A-12).
Globe and angle body valves are the same price.
- See Page 22 for model numbering system, option code definition and availability. String options separated by a hyphen (e.g., 04.00-7300-G-12-US-2S-G1-P2)
- Option 1S is single SPDT limit switch to actuate when valve is closed. Option 2S adds a second "full open" limit switch.
- Option G1 is 2½" glycerin filled pressure gauge with isolating valve installed on inlet side of valve
- Option MO is manual operator on the solenoid, allows operation without power
- Standard coating is minimum 6 mil interior/exterior NSF-61 Certified 2-part epoxy. Option P2 upgrades external fasteners to 316SS
- For "Stop-Check Piston" feature, suffix "C" to Figure Number (e.g., 7300-DC), append "SC" to Base Model Number (e.g., 06.00-7300-G-12-US-SC) and add to List Price
- Larger sizes available, consult factory for price

TWO-STAGE OIL-CONTROLLED CLOSING SWING CHECK VALVES

Cast Iron Body, Steel Cover, 316SS Body Seat, Ductile Iron Disc Arm, Cast Iron Disc, Composition Seat, 303SS Shaft, Single Lever & Weight, Side-Mounted Oil Hydraulic System and Zinc Plated Steel External Fasteners

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)		
								1D (Note 4)	S3 (Note 5)	P2 (Note 6)
3"	25-DXH	Globe	Class 125	150 PSI	03.00-25XH-G-12-US	\$ 12,219	150	\$ 1,055	\$ 384	\$ 343
4"	25-DXH	Globe	Class 125	150 PSI	04.00-25XH-G-12-US	\$ 12,467	200	\$ 1,055	\$ 404	\$ 369
6"	25-DXH	Globe	Class 125	150 PSI	06.00-25XH-G-12-US	\$ 14,608	300	\$ 1,158	\$ 574	\$ 401
8"	25-DXH	Globe	Class 125	150 PSI	08.00-25XH-G-12-US	\$ 16,410	400	\$ 1,158	\$ 653	\$ 462
10"	25-DXH	Globe	Class 125	150 PSI	10.00-25XH-G-12-US	\$ 25,641	550	\$ 1,158	\$ 718	\$ 564
12"	25-DXH	Globe	Class 125	150 PSI	12.00-25XH-G-12-US	\$ 28,948	1,100	\$ 1,367	\$ 871	\$ 740
14"	25-DXH	Globe	Class 125	125 PSI	14.00-25XH-G-12-US-FS	\$ 66,579	1,650	\$ 1,367	\$ 1,026	\$ 864
16"	25-DXH	Globe	Class 125	125 PSI	16.00-25XH-G-12-US-FS	\$ 72,840	1,950	\$ 1,789	\$ 1,397	\$ 1,010
18"	25-DXH	Globe	Class 125	100 PSI	18.00-25XH-G-12-US-FS	\$ 79,544	3,150	\$ 1,789	\$ 1,974	\$ 1,273
20"	25-DXH	Globe	Class 125	100 PSI	20.00-25XH-G-12-US-FS	\$ 89,519	3,450	\$ 1,926	\$ 2,434	\$ 1,526
24"	25-DXH	Globe	Class 125	50 PSI	24.00-25XH-G-12-US-FS	\$ 119,023	6,800	\$ 2,626	\$ 3,147	\$ 2,210

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- For counterweight mounted on left side instead of standard right side of valve looking at the inlet, suffix "LH" to the Base Model Number (e.g., 06.00-25XH-G-12-LH). Hydraulic system is mounted on opposite side of valve from counterweight. There is no additional cost for LH option
- For valves configured for installation in a vertical pipe, suffix "VI" to the Base Model Number (e.g., 04.00-25XH-G-12-US-VI). There is no additional cost for the VI Option.
- Option 1D is DPDT limit switch is NEMA 1, 3, 4, 4X, 6 & 13 rated and factory installed so switch contacts transfer when valve is closed.
- Option S3 is 316SS hinge shaft in lieu of standard 303SS
- Standard coating is enamel primer on exterior surfaces, uncoated interior surfaces through 16" size. Larger sizes standard with minimum 6 mil DFT 2-part NSF-61 epoxy on internal and external ferrous surfaces. Option P2 is 2-part NSF-61 internal and external epoxy coating and 316SS external fasteners
- See Page 23 for explanation of the model number system, additional options, option definitions and availability
- String multiple options separated by a hyphen (e.g., 10.00-25XH-G-12-US-1D-LH-VI)

TILTING DISC CHECK VALVES

Iron Body, Aluminum Bronze Body Seat, Ductile Iron Disc, Aluminum Bronze Disc Seat , 303SS Pins, Zinc Plated Steel External Fasteners. Note: Sizes 6" to 18" Have Solid Aluminum Bronze Disc

Size	Figure Number	Body Style	Ends	MWP	Base Model Number	Base Model List Price	Approx Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)				
								B (Note 2)	T (Note 3)	PI (Note 4)	1D (Note 5)	2D (Note 6)
6"	7125-D	Globe	Class 125	150 PSI	06.00-7125-G-12-US	\$ 8,432	250	\$ 7,979	\$ 14,777	\$ 1,537	\$ 2,589	\$ 2,911
	7125-U		Class 250	300 PSI	06.00-7125-G-25-US	\$ 10,540	290					
8"	7125-D	Globe	Class 125	200 PSI	08.00-7125-G-12-US	\$ 9,128	290	\$ 8,094	\$ 15,081	\$ 1,537	\$ 2,589	\$ 2,911
	7125-U		Class 250	300 PSI	08.00-7125-G-25-US	\$ 11,410	340					
10"	7125-D	Globe	Class 125	200 PSI	10.00-7125-G-12-US	\$ 12,052	460	\$ 8,221	\$ 15,448	\$ 1,537	\$ 2,589	\$ 2,911
	7125-U		Class 250	300 PSI	10.00-7125-G-25-US	\$ 15,065	545					
12"	7125-D	Globe	Class 125	200 PSI	12.00-7125-G-12-US	\$ 15,148	19075.5	\$ 8,538	\$ 15,802	\$ 1,537	\$ 2,589	\$ 2,911
	7125-U		Class 250	300 PSI	12.00-7125-G-25-US	\$ 18,935	760					
14"	7125-D	Globe	Class 125	150 PSI	14.00-7125-G-12-US	\$ 18,322	810	\$ 9,172	\$ 16,544	\$ 1,537	\$ 2,589	\$ 2,911
	7125-U		Class 250	300 PSI	14.00-7125-G-25-US	\$ 22,903	1,000					
16"	7125-D	Globe	Class 125	150 PSI	16.00-7125-G-12-US	\$ 26,266	943	\$ 11,101	\$ 21,388	\$ 1,537	\$ 2,589	\$ 2,911
	7125-U		Class 250	300 PSI	16.00-7125-G-25-US	\$ 32,832	1,148					
18"	7125-D	Globe	Class 125	150 PSI	18.00-7125-G-12-US	\$ 35,624	1,671	\$ 11,182	\$ 21,498	\$ 1,537	\$ 2,589	\$ 2,911
	7125-U		Class 250	300 PSI	18.00-7125-G-25-US	\$ 44,530	2,000					
20"	7125-D	Globe	Class 125	150 PSI	20.00-7125-G-12-US	\$ 45,279	1,850	\$ 11,761	\$ 22,754	\$ 1,537	\$ 2,589	\$ 2,911
	7125-U		Class 250	300 PSI	20.00-7125-G-25-US	\$ 56,598	2,150					
24"	7125-D	Globe	Class 125	150 PSI	24.00-7125-G-12-US	\$ 58,965	2,615	\$ 12,620	\$ 23,434	\$ 1,537	\$ 2,589	\$ 2,911
	7125-U		Class 250	300 PSI	24.00-7125-G-25-US	\$ 73,706	3,200					
30"	7125-D	Globe	Class 125	150 PSI	30.00-7125-G-12-US	POA	5,642	POA	POA	POA	POA	POA
	7125-U		Class 250	300 PSI	30.00-7125-G-25-US	POA	6,350					
36"	7125-D	Globe	Class 125	150 PSI	36.00-7125-G-12-US	POA	7,291	POA	POA	POA	POA	POA
	7125-U		Class 250	300 PSI	36.00-7125-G-25-US	POA	8,000					

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- Option B is Tilting Disc Check with "Bottom Buffer." Change Figure Number to 7125B-D or 7125B-U, insert "B" in Base Model Number (e.g., 12.00-7125B-G-12-US) and add cost to Base Model List Price.
- Option T is Tilting Disc Check Valve with "Top Mounted Hydraulic Dashpot." Change Figure Number to 7125T-D or 7125T-U, insert "T" in Base Model Number (e.g., 16.00-7125T-G-25-US) and add cost to Base Model List Price
- Option PI is visual position indicator
- Option 1D is single NEMA 1, 3, 4, 4X, 6 & 13 rated DPDT limit switch factory installed so switch contacts transfer when valve is closed. Includes Option PI.
- Option 2D is dual NEMA 1, 3, 4, 4X, 6 & 13 rated DPDT limit switches factory installed so switch contacts transfer when valve is fully open and closed. Includes Option PI.
- Standard coating is minimum 6 mil DFT 2-part NSF-61 epoxy on internal and external ferrous surfaces.
- See Page 23 for explanation of the model number system, additional options, option definitions and availability
- String multiple options separated by a hyphen (e.g., 10.00-7125B-G-25-US-PI)
- Larger sizes available, consult factory for price

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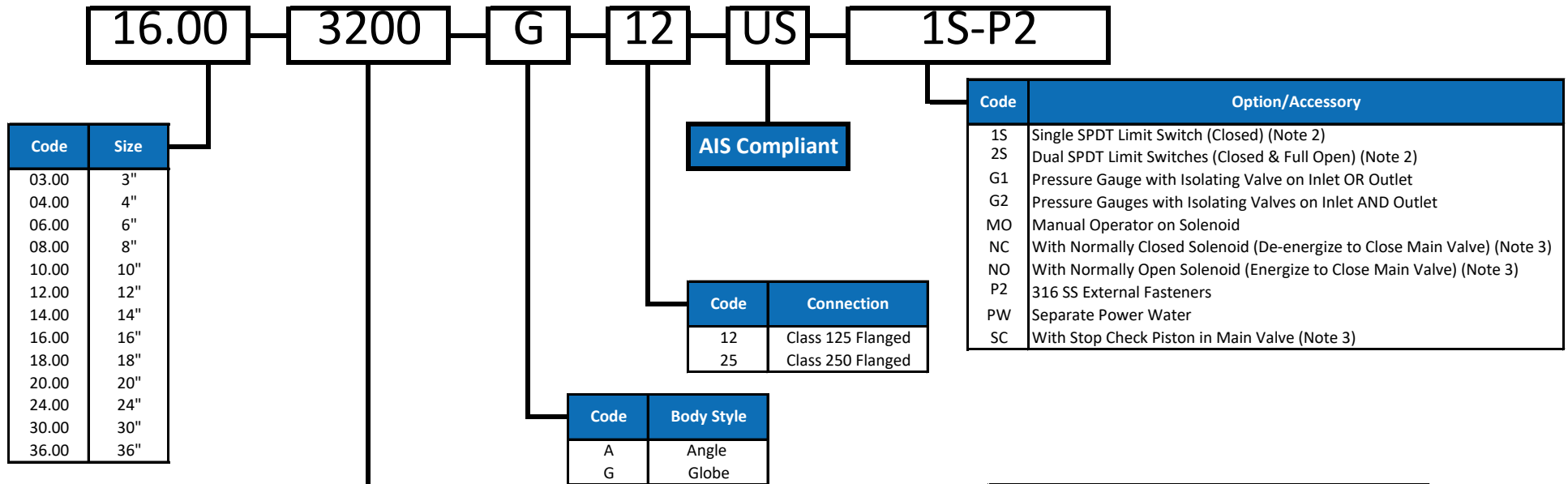
SURGE RELIEF VALVES FOR SEWAGE & WASTEWATER

Cast Iron Body, 316 Stainless Steel Body Seat, Ductile Iron Disc, Resilient Disc Seat, Self-Contained Oil Hydraulic Closing Speed Control System, Zinc Plated Steel External Fasteners.

Size	Figure Number	Body Style (Note 1)	Ends	Maximum Relief Pressure	Base Model Number	Base Model List Price	Approx. Weight Lbs.	OPTION CODE (Append to Base Model Number and Add to List Price)	
								1S (Note 2)	P2
2"	525-RD	Globe	Class 125	150 PSI	02.00-525-G-12-US	\$ 7,717	210	\$ 966	\$ 98
	625-D	LRE	Class 125	175 PSI	02.00-625-E-12-US	\$ 9,558	205	\$ 1,244	
	626-D	WYE	Class 125		02.00-626-Y-12-US				
2½"	525-RD	Globe	Class 125	100 PSI	02.50-525-G-12-US	\$ 9,349	200	\$ 966	\$ 98
	625-D	LRE	Class 125	175 PSI	02.50-625-E-12-US	\$ 9,741	260	\$ 1,244	
	626-D	WYE	Class 125		02.50-626-Y-12-US				
3"	525-RD	Globe	Class 125	100 PSI	03.00-525-G-12-US	\$ 9,471	300	\$ 966	\$ 98
	625-D	LRE	Class 125	175 PSI	03.00-625-E-12-US	\$ 9,841	270	\$ 1,244	
	626-D	WYE	Class 125		03.00-626-Y-12-US				
4"	525-RD	Globe	Class 125	70 PSI	04.00-525-G-12-US	\$ 9,790	450	\$ 966	\$ 98
	625-D	LRE	Class 125	175 PSI	04.00-625-E-12-US	\$ 10,227	375	\$ 1,244	
	626-D	WYE	Class 125		04.00-626-Y-12-US				
6"	525-RD	Globe	Class 125	30 PSI	06.00-525-G-12-US	\$ 10,953	500	\$ 966	\$ 115
	625-D	LRE	Class 125	175 PSI	06.00-625-E-12-US	\$ 13,729	405	\$ 1,244	
	626-D	WYE	Class 125		06.00-626-Y-12-US				
8"	625-D	LRE	Class 125	140 PSI	08.00-625-E-12-US	\$ 16,129	500	\$ 1,244	\$ 130
	626-D	WYE	Class 125		08.00-626-Y-12-US				
10"	624-D	LRE	Class 125	125 PSI	10.00-624-E-12-US	POA	685	POA	POA
	626-D	WYE	Class 125		10.00-626-Y-12-US				
	624-D	LRE	Class 125	175 PSI	10.00-624HP1-E-12-US	POA	685		
	626-D	WYE	Class 125		10.00-626HP1-Y-12-US				
12"	624-D	LRE	Class 125	90 PSI	12.00-624-E-12-US	POA	1,170	POA	POA
	626-D	WYE	Class 125		12.00-626-Y-12-US				
	624-D	LRE	Class 125	125 PSI	12.00-624HP1-E-12-US	POA	1,300		
	626-D	WYE	Class 125		12.00-626HP1-Y-12-US				
	624-D	LRE	Class 125	160 PSI	12.00-624HP2-E-12-US	POA	1,400		
	626-D	WYE	Class 125		12.00-626HP2-Y-12-US				
14"	624-D	LRE	Class 125	65 PSI	14.00-624-E-12-US	POA	1,450	POA	POA
	626-D	WYE	Class 125		14.00-626-Y-12-US				
	624-D	LRE	Class 125	100 PSI	14.00-624HP1-E-12-US	POA	1,550		
	626-D	WYE	Class 125		14.00-626HP1-Y-12-US				
16"	624-D	LRE	Class 125	50 PSI	16.00-624-E-12-US	POA	1,170	POA	POA
	626-D	WYE	Class 125		16.00-626-Y-12-US				
	624-D	LRE	Class 125	125 PSI	16.00-624HP1-E-12-US	POA	1,300		
	626-D	WYE	Class 125		16.00-626HP1-Y-12-US				
	624-D	LRE	Class 125	160 PSI	16.00-624HP2-E-12-US	POA	1,400		
	626-D	WYE	Class 125		16.00-626HP2-Y-12-US				

NOTES

- "US" in Base Model Number indicates standard valves comply with the requirements of American Iron & Steel (AIS)
- Globe body is weight loaded design. LRE (Long Radius Elbow) and WYE (Wye) body are spring loaded designs
- Option 1S is single NEMA 1, 3, 4, 4X, 6 and 13 rated SPDT limit switch factory installed so switch contacts transfer when valve is closed.
- Standard coating is minimum 6 mil DFT 2-part NSF-61 epoxy on internal and external ferrous surfaces. Option P2 upgrades external fasteners to 316 Stainless Steel
- String multiple options separated by a hyphen (e.g., 02.00-525-G-12-1D-P2)



Notes

- All valves meet the requirements of American Iron & Steel (AIS)
- Figures 1730, 1740, 11730 and 11740 include single limit switch. Append Option 2S for second "full open" limit switch.
- Solenoid included with Figures 3800, 3900, 4050, 6050, 7100 and 7300, select and append "NC" or "NO."
- Stop Check Piston included in Figures 3400 and 4900, optional as indicated. Available to 20", consult factory for larger sizes
- String Option/Accessory Codes Separated by a Hyphen

Figure Number	Type	Availability										
		Option/Accessory										
		1S	2S	G1	G2	MO	NC	NO	P2	PW	SC	US
1450	Emergency Cut In	•		•	•				•	◊	•	•
1730/1740	Electric Check (Globe/Angle)	•	◊	•	•	•			•	◊	•	•
11730/11740	Backpressure Sustaining Electric Check (Globe/Angle)	•		•	•	•			•	◊	•	•
3200	Single Acting Altitude	•	◊	•	•				•	◊		•
3200E	Single Acting Altitude, Differential Level	•	◊	•	•				•	◊	•	•
3300	Double Acting Altitude	•	◊	•	•				•	◊		•
3300E	Double Acting Altitude, Differential Level	•	◊	•	•				•	◊		•
3400	Single Acting Altitude, Stop Check	•	◊	•	•				•	◊	•	•
3670	Single Acting Altitude, Backpressure Sustaining	•	◊	•	•				•	◊	•	•
3800	Single Acting Altitude, Solenoid Shutoff	•	◊	•	•	•	•	•	•	◊	•	•
3900	Double Acting Altitude, Solenoid Shutoff	•	◊	•	•	•	•	•	•	◊		•
4050	Pressure Reducing & Solenoid	•		•	•	•	•	•	•	◊	•	•
4500	Pressure Reducing	•		•	•				•	◊		•
4700	Pressure Reducing & Sustaining	•		•	•				•	◊		•
4900	Pressure Reducing & Check	•		•	•				•	◊	•	•
5001R	Surge Sentinel Electronically Controlled Surge Anticipator	•		•					•	◊		•
6050	Surge Relief & Solenoid	•		•		•	•	•	•	◊		•
6600/6700	Surge Relief (Angle/Globe)	•		•					•	◊		•
6700R	Backpressure Sustaining Valve	•		•	•				•	◊	•	•
7100	Normally Open Solenoid	•	•	•	•	•		•	•	◊	•	•
7300	Normally Closed Solenoid	•	•	•	•	•	•		•	◊	•	•

☒ Standard

☒ Available, See Price List

☒ Available, POA ☐ Not Available
POA = Price on Application, consult factory



Code	Size
03.00	3"
04.00	4"
06.00	6"
08.00	8"
10.00	10"
12.00	12"
14.00	14"
16.00	16"
18.00	18"
20.00	20"
24.00	24"
30.00	30"
36.00	36"
42.00	42"
48.00	48"

Code	Body Style
G	Globe

Code	End Connection
12	Class 125 Flanged
25	Class 250 Flanged

AIS Compliant

Code	Option/Accessory
1D	Single DPDT Limit Switch, NEMA 1, 4, 13 Rated (Closed)
2D	Dual DPDT Limit Switch, NEMA 1, 4, 13 Rated (Closed/Full Open)
GF	Grease Fittings on Shaft Bearings
LH	Closure Device Mounted on Left Hand Side
PI	Visual Position Indicator
S3	316SS Hinge Shaft (Included in Option P3)
SV	Stop Valve in Cover (See Note 2)
VI	Vertical Installation

Figure Number	Description	Ends		Availability Option/Accessory										
		12	25	1D	2D	GF	LH	MM	P2	PI	S3	SV	US	VI
25-DXH	Oil-Controlled Closing Swing Check	•		•		◊	•		•		•	◊	•	•
7125	Tilting Disc Check Valve	•	•	•	•	◊		•		•			•	
7125B	Bottom Buffer Tilting Disc Check Valve	•	•	•	•	◊		•		•			•	
7125T	Top Mounted Dashpot Tilting Disc Check Valve	•	•	•	•	◊		•		•			•	

• Standard
 • Available, See Price List
 ◊ Available, POA
 Not Available

Notes

POA = Price on Application, consult factory

- All valves meet the requirements of American Iron & Steel (AIS)
- Stop valve is 1/2" NPT bronze ball valve
- Option P-3 internal/external 2-part epoxy, 316SS external fasteners, disc center pin, lock nut & washer, shaft end plate and air cushion chamber links & pins.
- Option LH left hand side looking at inlet instead of standard right side
- Option US (AIS Compliant) is standard on all but requirement must be stipulated at time of order
- String codes for options and/or accessories separated by a hyphen (e.g., 12.00-250-G-12-1D-S3-US)



AIR RELEASE VALVE PRICE LIST

POTABLE + WASTERWATER

Prices Effective May 13th, 2022

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CRISPIN AIR RELEASE VALVE INFORMATION

Valve Casting	- Consist of body, flange and top, being cast iron, (A126 Class B).
Floats	- All valves are supplied with stainless steel (ASTM A240) floats.
Trim	- The internal parts are stainless steel (ASTM A276, ASTM A582, ASTM A240), or bronze (ASTM B62). For materials other than standard, consult factory.
Valve Outlets	- All valves have NPT outlets as standard, except when steel hoods are provided. - Protectops are available in valve sizes 3" thru 4", at no extra charge if requested. Steel hoods are available in valve sizes 6" thru 16" at no extra charge if requested. - Flanged outlets are available on all valves having 3" inlet sizes and above. Call factory for pricing.
Coating	- All valves are coated externally with a Red Phenolic Oxide Primer. Other coatings are available please consult factory for pricing.
Testing	- All Crispin Air Release Valves are Hydrostatically and Pneumatically tested for leakage and valve function prior to shipping, per AWWA C512.
Valve Design	- All valve castings are designed for a cold water working pressure of 300 psig, per AWWA C512. - The STANDARD OPERATING PRESSURE for all valves in the price list is 20 - 150 psig, except the models listed with ANSI Class 250 lbs. flanged inlets which have an operating pressure of 151 - 300 psig. - Valves with LOW OPERATING PRESSURES have a max. operating pressure of 40 psig to a low of 1 - 2 psig which requires soft seating material. When ordering valves with low pressures add the letter "L" to the model number. Example: Model No. AL10-L - HIGH OPERATING PRESSURE VALVES having a threaded inlet and a range of working pressure of 151 - 300 psig can be ordered by adding the letter "H" to the model number. Example: Model No. AL10-H. Valves having ANSI Class 250lbs. flanged inlets are rated at 151 - 300 psig only and their model numbers do not change. Example: AL42 - Valves with OPERATING PRESSURES EXCEEDING 300 PSIG are available. Please consult factory for pricing, delivery, and materials of construction.
Special Castings	- Valves are available in ductile iron, bronze, carbon steel, and 316 stainless steel, etc. on all models listed in the price list. Please consult factory for pricing and delivery.
O&M Manuals	- Are listed in the Crispin Catalog and are available on the Crispin website at www.crispinvalve.com . • SPECIFICATION AND PRICES SUBJECT TO CHANGE WITHOUT NOTICE. •

TERMS AND CONDITIONS

Payment terms:	1% 10 days; Net 30 days from date of invoice, with approved credit.
All prices:	f.o.b. Berwick, Pennsylvania and are exclusive of any taxes, with approved credit.
FREIGHT TERMS:	Freight Terms = f.o.b. Berwick, Pennsylvania for all orders. For Stocking Representatives Only - Full freight allowance within the United States for -ARV, -CV, -SWL orders ONLY over \$10,000 Net For ANY Orders containing -BFV, -PV, including COMBINED orders, Freight Allowance = 10,000bs. Gross Wt
Orders:	Orders accepted by the factory may not be cancelled, or shipment deferred without advance written consent of the factory and shall be subject to cancellation charges.
Valve returns:	Valves will only be accepted by the factory if the shipping label states a return authorization number issued by the factory. A restocking charge shall apply to all returns.
Special materials of Construction:	For pricing and delivery information of valves to be manufactured of special material of construction, consult the factory. Valves manufactured with special materials can not be returned or the order cancelled.
Export Shipments:	Valves to be packaged for export shipment will carry an additional charge. Consult factory.
Delivery:	All valves to be shipped as quickly as possible from the factory upon receipt of the customer's Purchase Order or when possible, on the date specified by the customer. M.M.CO. will not be responsible for delays in shipping due to conditions beyond our control.
Claims:	Any claims for shortages or damaged products must be made in writing within 5 days of receipt of shipment.

WARRANTY

The Manufacturer warrants the workmanship and materials to be free from defect for a period of one (1) year from the date of shipment from the factory. The Manufacturer shall replace any parts deemed defective during the said time period, provided that the product has been properly applied and used for the purpose intended. The Manufacturer must be notified of the alleged defect and provided with the proper data as to the application. The Manufacturer at its discretion will repair or replace the product, f.o.b. factory. The Manufacturer shall not be liable to the Buyer or others for any consequential or incidental damage. The Buyer agrees that the Manufacturer shall not be liable for any loss, cost, expenses, damages, from the product, its uses, installation or replacement, instructions, labeling, technical data, description of the product, its 5/9/2024 or warnings or lack of any of the foregoing. NO OTHER WARRANTIES WRITTEN OR ORAL, EXPRESSED OR IMPLIED, SHALL APPLY. These products are not manufactured, sold, or intended for personal family or household use.

AIR AND VACUUM VALVES

MODEL NO.	INLET SIZE*	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
A5	1/2" NPT	Cast iron body, S/S trim	8	\$ 469
AL10	1" NPT	Cast iron body, S/S trim	16	398
AL20	2" NPT	Cast iron body, S/S trim	44	682
AL21	2" 125# flanged	Cast iron body, S/S trim	46	743
AL22	2" 250# flanged	Cast iron body, S/S trim	49	802
AL30	3" NPT	Cast iron body, S/S trim	75	966
AL31	3" 125# flanged	Cast iron body, S/S trim	89	1,046
AL32	3" 250# flanged	Cast iron body, S/S trim	95	1,064
AL40	4" NPT	Cast iron body, S/S trim	154	1,834
AL41	4" 125# flanged	Cast iron body, S/S trim	170	1,779
AL42	4" 250# flanged	Cast iron body, S/S trim	181	2,110
AL61	6" 125# flanged	Cast iron body, S/S trim	174	2,475
AL62	6" 250# flanged	Cast iron body, S/S trim	197	3,209
AL81	8" 125# flanged	Cast iron body, S/S trim	265	4,446
AL82	8" 250# flanged	Cast iron body, S/S trim	295	4,702
AL101	10" 125# flanged	Cast iron body, S/S trim	500	P.O.A.
AL102	10" 250# flanged	Cast iron body, S/S trim	550	P.O.A.
AL121	12" 125# flanged	Cast iron body, S/S trim	725	P.O.A.
AL122	12" 250# flanged	Cast iron body, S/S trim	778	P.O.A.
AL141	14" 125# flanged	Cast iron body, S/S trim	970	P.O.A.
AL142	14" 250# flanged	Cast iron body, S/S trim	1157	P.O.A.
AL161	16" 125# flanged	Cast iron body, S/S trim	1093	P.O.A.
AL162	16" 250# flanged	Cast iron body, S/S trim	1276	P.O.A.

* AVAILABLE IN SIZES UP TO 24"

AIR AND VACUUM VALVES WITH WATER DIFFUSER

MODEL NO.	INLET SIZE*	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
A5-D	1/2" NPT	Cast iron body, S/S trim	9	\$ 437
AL10-D	1" NPT	Cast iron body, S/S trim	18	493
AL20-D	2" NPT	Cast iron body, S/S trim	46	758
AL21-D	2" 125# flanged	Cast iron body, S/S trim	48	870
AL22-D	2" 250# flanged	Cast iron body, S/S trim	51	1,036
AL30-D	3" NPT	Cast iron body, S/S trim	77	1,070
AL31-D	3" 125# flanged	Cast iron body, S/S trim	91	1,157
AL32-D	3" 250# flanged	Cast iron body, S/S trim	99	1,200
AL40-D	4" NPT	Cast iron body, S/S trim	156	3,061
AL41-D	4" 125# flanged	Cast iron body, S/S trim	172	3,127
AL42-D	4" 250# flanged	Cast iron body, S/S trim	183	3,696

* AVAILABLE IN SIZES UP TO 24"

DEEP WELL AIR VALVES WITH THROTTLING DEVICE

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
D5	1/2" NPT	Cast iron body, S/S trim	8	\$ 555
DL10	1" NPT	Cast iron body, S/S trim	18	648
DL20	2" NPT	Cast iron body, S/S trim	50	928
DL21	2" 125# flanged	Cast iron body, S/S trim	53	1,008
DL22	2" 250# flanged	Cast iron body, S/S trim	56	1,080
DL30	3" NPT	Cast iron body, S/S trim	92	1,518
DL31	3" 125# flanged	Cast iron body, S/S trim	109	1,621
DL32	3" 250# flanged	Cast iron body, S/S trim	116	1,677
DL40	4" NPT	Cast iron body, S/S trim	187	3,454
DL41	4" 125# flanged	Cast iron body, S/S trim	206	3,556
DL42	4" 250# flanged	Cast iron body, S/S trim	224	4,077
DL61	6" 125# flanged	Cast iron body, S/S trim	295	6,055
DL62	6" 250# flanged	Cast iron body, S/S trim	318	6,910

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

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SURGE CHECK VALVES

MODEL NO.	INLET SIZE*	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
SC31	3" 125# flanged	Cast iron body, S/S trim & S/S spring	29	\$ 906
SC32	3" 250# flanged	Cast iron body, S/S trim & S/S spring	37	1,157
SC41	4" 125# flanged	Cast iron body, S/S trim & S/S spring	44	1,020
SC42	4" 250# flanged	Cast iron body, S/S trim & S/S spring	60	1,399
SC61	6" 125# flanged	Cast iron body, S/S trim & S/S spring	72	1,669
SC62	6" 250# flanged	Cast iron body, S/S trim & S/S spring	103	2,372
SC81	8" 125# flanged	Cast iron body, S/S trim & S/S spring	126	2,417
SC82	8" 250# flanged	Cast iron body, S/S trim & S/S spring	181	3,294
SC101	10" 125# flanged	Cast iron body, S/S trim & S/S spring	185	P.O.A.
SC102	10" 250# flanged	Cast iron body, S/S trim & S/S spring	254	P.O.A.
SC121	12" 125# flanged	Cast iron body, S/S trim & S/S spring	308	P.O.A.
SC122	12" 250# flanged	Cast iron body, S/S trim & S/S spring	403	P.O.A.
SC141	14" 125# flanged	Cast iron body, S/S trim & S/S spring	380	P.O.A.
SC142	14" 250# flanged	Cast iron body, S/S trim & S/S spring	511	P.O.A.
SC161	16" 125# flanged	Cast iron body, S/S trim & S/S spring	525	P.O.A.
SC162	16" 250# flanged	Cast iron body, S/S trim & S/S spring	725	P.O.A.

* AVAILABLE IN SIZES UP TO 24"

NOTE: STAINLESS STEEL TRIM AVAILABLE, CONSULT FACTORY.**AL41/SC**

SLOW CLOSING AIR & VACUUM VALVE (AIR & VACUUM VALVE W / SURGE CHECK VALVES)

MODEL NO.	INLET SIZE*	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
AL31/SC	3" 125# flanged	Cast iron body, S/S trim & S/S spring	118	\$1,880
AL32/SC	3" 250# flanged	Cast iron body, S/S trim & S/S spring	132	1,999
AL41/SC	4" 125# flanged	Cast iron body, S/S trim & S/S spring	222	2,701
AL42/SC	4" 250# flanged	Cast iron body, S/S trim & S/S spring	244	3,708
AL61/SC	6" 125# flanged	Cast iron body, S/S trim & S/S spring	259	4,188
AL62/SC	6" 250# flanged	Cast iron body, S/S trim & S/S spring	308	5,834
AL81/SC	8" 125# flanged	Cast iron body, S/S trim & S/S spring	400	6,864
AL82/SC	8" 250# flanged	Cast iron body, S/S trim & S/S spring	480	8,766
AL101/SC	10" 125# flanged	Cast iron body, S/S trim & S/S spring	685	P.O.A.
AL102/SC	10" 250# flanged	Cast iron body, S/S trim & S/S spring	804	P.O.A.
AL121/SC	12" 125# flanged	Cast iron body, S/S trim & S/S spring	1035	P.O.A.
AL122/SC	12" 250# flanged	Cast iron body, S/S trim & S/S spring	1185	P.O.A.
AL141/SC	14" 125# flanged	Cast iron body, S/S trim & S/S spring	1375	P.O.A.
AL142/SC	14" 250# flanged	Cast iron body, S/S trim & S/S spring	1635	P.O.A.
AL161/SC	16" 125# flanged	Cast iron body, S/S trim & S/S spring	1609	P.O.A.
AL162/SC	16" 250# flanged	Cast iron body, S/S trim & S/S spring	1991	P.O.A.

* AVAILABLE IN SIZES UP TO 24"

NOTE: STAINLESS STEEL TRIM AVAILABLE, CONSULT FACTORY.

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

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SLOW CLOSING AIR & VACUUM VALVE WITH PRESSURE AIR RELEASE VALVE

MODEL NO.	INLET SIZE*	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
AL31/SC/M5	3" 125# flanged	Cast iron body, S/S trim & S/S spring	126	\$2,210
AL32/SC/M5	3" 250# flanged	Cast iron body, S/S trim & S/S spring	140	2,375
AL41/SC/PL10	4" 125# flanged	Cast iron body, S/S trim & S/S spring	245	3,185
AL42/SC/PL10	4" 250# flanged	Cast iron body, S/S trim & S/S spring	266	4,009
AL61/SC/PL10	6" 125# flanged	Cast iron body, S/S trim & S/S spring	282	4,594
AL62/SC/PL10	6" 250# flanged	Cast iron body, S/S trim & S/S spring	332	5,908
AL81/SC/PL10	8" 125# flanged	Cast iron body, S/S trim & S/S spring	424	7,431
AL82/SC/PL10	8" 250# flanged	Cast iron body, S/S trim & S/S spring	504	8,905
AL101/SC/PL10	10" 125# flanged	Cast iron body, S/S trim & S/S spring	709	P.O.A.
AL102/SC/PL10	10" 250# flanged	Cast iron body, S/S trim & S/S spring	828	P.O.A.
AL101/SC/PL20	10" 125# flanged	Cast iron body, S/S trim & S/S spring	730	P.O.A.
AL102/SC/PL20	10" 250# flanged	Cast iron body, S/S trim & S/S spring	852	P.O.A.
AL121/SC/PL10	12" 125# flanged	Cast iron body, S/S trim & S/S spring	1097	P.O.A.
AL122/SC/PL10	12" 250# flanged	Cast iron body, S/S trim & S/S spring	1230	P.O.A.
AL121/SC/PL20	12" 125# flanged	Cast iron body, S/S trim & S/S spring	1120	P.O.A.
AL122/SC/PL20	12" 250# flanged	Cast iron body, S/S trim & S/S spring	1255	P.O.A.
AL141/SC/PL10	14" 125# flanged	Cast iron body, S/S trim & S/S spring	1384	P.O.A.
AL142/SC/PL10	14" 250# flanged	Cast iron body, S/S trim & S/S spring	1569	P.O.A.
AL141/SC/PL20	14" 125# flanged	Cast iron body, S/S trim & S/S spring	1403	P.O.A.
AL142/SC/PL20	14" 250# flanged	Cast iron body, S/S trim & S/S spring	1591	P.O.A.
AL161/SC/PL10	16" 125# flanged	Cast iron body, S/S trim & S/S spring	1635	P.O.A.
AL162/SC/PL10	16" 250# flanged	Cast iron body, S/S trim & S/S spring	2018	P.O.A.
AL161/SC/PL20	16" 125# flanged	Cast iron body, S/S trim & S/S spring	1659	P.O.A.
AL162/SC/PL20	16" 250# flanged	Cast iron body, S/S trim & S/S spring	2046	P.O.A.

* AVAILABLE IN SIZES UP TO 24"



AL31/PL10

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

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VACUUM RELIEF VALVES

MODEL NO.	INLET SIZE*	MATERIAL DESCRIPTION	WEIGHT LBS.	PLIST PRICE
VR10	1" NPT	Bronze Body, Acetal Polymer Trim, S/S spring	1½	\$ 641
VR20	2" NPT	Bronze Body, Acetal Polymer Trim, S/S spring	4½	928
VR251	2½" 125# flanged	Cast iron body, S/S trim, S/S spring	28	938
VR252	2½" 250# flanged	Cast iron body, S/S trim, S/S spring	34	1,023
VR31	3" 125# flanged	Cast iron, S/S trim, S/S spring	40	1,023
VR32	3" 250# flanged	Cast iron, S/S trim, S/S spring	48	1,166
VR41	4" 125# flanged	Cast iron, S/S trim, S/S spring	62	1,295
VR42	4" 250# flanged	Cast iron, S/S trim, S/S spring	78	1,518
VR61	6" 125# flanged	Cast iron, S/S trim, S/S spring	94	1,891
VR62	6" 250# flanged	Cast iron, S/S trim, S/S spring	126	2,183
VR81	8" 125# flanged	Cast iron, S/S trim, S/S spring	158	2,565
VR82	8" 250# flanged	Cast iron, S/S trim, S/S spring	214	3,073
VR101	10" 125# flanged	Cast iron, S/S trim, S/S spring	233	P.O.A.
VR102	10" 250# flanged	Cast iron, S/S trim, S/S spring	304	P.O.A.
VR121	12" 125# flanged	Cast iron, S/S trim, S/S spring	374	P.O.A.
VR122	12" 250# flanged	Cast iron, S/S trim, S/S spring	469	P.O.A.
VR141	14" 125# flanged	Cast iron, S/S trim, S/S spring	475	P.O.A.
VR142	14" 250# flanged	Cast iron, S/S trim, S/S spring	596	P.O.A.
VR161	16" 125# flanged	Cast iron, S/S trim, S/S spring	625	P.O.A.
VR162	16" 250# flanged	Cast iron, S/S trim, S/S spring	827	P.O.A.

* AVAILABLE IN SIZES UP TO 36"

NOTE: STAINLESS STEEL TRIM AVAILABLE ON ABOVE MODELS, PLEASE CONSULT FACTORY**VR61****VACUUM RELIEF VALVES
WITH PRESSURE AIR RELEASE VALVE**

MODEL NO.	INLET SIZE*	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
VR251/M5	2½" 125# flanged	Cast iron body, Bronze trim & S/S spring	38	\$ 1,151
VR252/M5	2½" 250# flanged	Cast iron body, Bronze trim & S/S spring	45	1,274
VR31/M5	3" 125# flanged	Cast iron, S/S trim, S/S spring, S/S trim	49	1,208
VR32/M5	3" 250# flanged	Cast iron, S/S trim, S/S spring, S/S trim	57	1,396
VR41/M5	4" 125# flanged	Cast iron, S/S trim, S/S spring, S/S trim	71	1,597
VR42/M5	4" 250# flanged	Cast iron, S/S trim, S/S spring, S/S trim	87	1,834
VR61/PL10	6" 125# flanged	Cast iron, S/S trim, S/S spring, S/S trim	110	2,256
VR62/PL10	6" 250# flanged	Cast iron, S/S trim, S/S spring, S/S trim	144	2,577
VR81/PL10	8" 125# flanged	Cast iron, S/S trim, S/S spring, S/S trim	176	2,948
VR82/PL10	8" 250# flanged	Cast iron, S/S trim, S/S spring, S/S trim	232	3,465
VR101/PL10	10" 125# flanged	Cast iron, S/S trim, S/S spring, S/S trim	251	P.O.A.
VR102/PL10	10" 250# flanged	Cast iron, S/S trim, S/S spring, S/S trim	322	P.O.A.
VR121/PL20	12" 125# flanged	Cast iron, S/S trim, S/S spring, S/S trim	424	P.O.A.
VR122/PL20	12" 250# flanged	Cast iron, S/S trim, S/S spring, S/S trim	519	P.O.A.
VR141/PL20	14" 125# flanged	Cast iron, S/S trim, S/S spring, S/S trim	525	P.O.A.
VR142/PL20	14" 250# flanged	Cast iron, S/S trim, S/S spring, S/S trim	646	P.O.A.
VR161/PL20	16" 125# flanged	Cast iron, S/S trim, S/S spring, S/S trim	675	P.O.A.
VR162/PL20	16" 250# flanged	Cast iron, S/S trim, S/S spring, S/S trim	877	P.O.A.

* AVAILABLE IN SIZES UP TO 36"

NOTE: ABOVE MODELS AVAILABLE WITH COMPLETE STAINLESS STEEL TRIM, CONSULT FACTORY.

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

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PRESSURE AIR RELEASE VALVES**“AR” SERIES — AIR RELEASE VALVE**

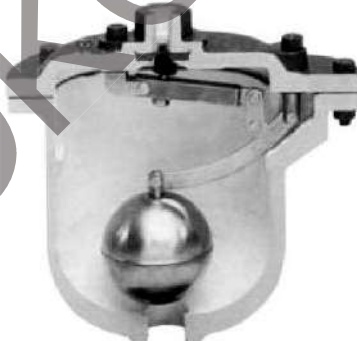
MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
AR5	1/2" NPT	Cast iron body, S/S trim	5	\$ 135
AR8	3/4" NPT	Cast iron body, S/S trim	5	135
AR10	1" NPT	Cast iron body, S/S trim	5	142

NOTE: If a Vacuum Check is required, add \$10.00 to the above pricing and VC to model number (Vacuum Ball Check).

MIDGET SERIES — AIR RELEASE VALVE

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
M3	3/8" NPT	Cast iron body, S/S trim	6	\$ 219
M5	1/2" NPT	Cast iron body, S/S trim	7	219
M8	3/4" NPT	Cast iron body, S/S trim	7	314
M10	1" NPT	Cast iron body, S/S trim	8	342

NOTE: If a Vacuum Check is required, add \$10.00 to the above pricing and VC to model number (Vacuum Ball Check).

**AR10****M10****PL10****PRESSURE AIR RELEASE VALVE**

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
PL10	1" NPT	Cast iron body, S/S trim	22	\$ 391
PL10A	2" NPT	Same as PL10 but with a 2" inlet	23	419
PL20	2" NPT	Cast iron body, S/S trim	45	770
PL21	2" 125# flanged	Cast iron body, S/S trim	52	835
PL22	2" 250# flanged	Cast iron body, S/S trim	56	906
P250	2-1/2" NPT	Cast iron body, Bronze & S/S trim	58	P.O.A.
P251	2-1/2" 125# flanged	Cast iron body, Bronze & S/S trim	68	P.O.A.
P252	2-1/2" 250# flanged	Cast iron body, Bronze & S/S trim	70	P.O.A.
PL20A	3" NPT	Same as PL20 but having a 3" inlet	48	P.O.A.
P30	3" NPT	Cast iron body, Bronze & S/S trim	87	P.O.A.
P31	3" 125# flanged	Cast iron body, Bronze & S/S trim	100	P.O.A.
P32	3" 250# flanged	Cast iron body, Bronze & S/S trim	103	P.O.A.
P40	4" NPT	Cast iron body, Bronze & S/S trim	132	P.O.A.
P41	4" 125# flanged	Cast iron body, Bronze & S/S trim	147	P.O.A.
P42	4" 250# flanged	Cast iron body, Bronze & S/S trim	158	P.O.A.

NOTE: VACUUM CHECKS AVAILABLE FOR ABOVE MODEL, REFER TO PAGE 10.

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

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CRISPIN COMBINATION AIR RELEASE VALVES

UNIVERSAL AIR RELEASE VALVE (SINGLE BODY TYPE)

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
UL10.1	1" NPT	Cast iron body, Bronze & S/S trim	27	\$ 556
UL10	1" NPT	Cast iron body, S/S trim	27	604
UL20.1	2" NPT	Cast iron body, Bronze & S/S trim	68	852
UL20	2" NPT	Cast iron body, S/S trim	68	918
UL21.1	2" 125# flanged	Cast iron body, Bronze & S/S trim	78	934
UL21	2" 125# flanged	Cast iron body, S/S trim	78	1,012
UL22.1	2" 250# flanged	Cast iron body, Bronze & S/S trim	79	996
UL22	2" 250# flanged	Cast iron body, S/S trim	79	1,017
UL30.1	3" NPT	Cast iron body, Bronze & S/S trim	114	1,672
UL30	3" NPT	Cast iron body, S/S trim	114	1,878
UL31.1	3" 125# flanged	Cast iron body, Bronze & S/S trim	125	1,752
UL31	3" 125# flanged	Cast iron body, S/S trim	125	1,921
UL32.1	3" 250# flanged	Cast iron body, Bronze & S/S trim	131	1,838
UL32	3" 250# flanged	Cast iron body, S/S trim	131	1,991
UL40.1	4" NPT	Cast iron body, Bronze & S/S trim	162	2,377
UL40	4" NPT	Cast iron body, S/S trim	162	2,559
UL41.1	4" 125# flanged	Cast iron body, Bronze & S/S trim	177	2,460
UL41	4" 125# flanged	Cast iron body, S/S trim	177	2,575
UL42.1	4" 250# flanged	Cast iron body, Bronze & S/S trim	188	2,554
UL42	4" 250# flanged	Cast iron body, S/S trim	188	2,671
C61	6" 125# flanged	Cast iron body, S/S trim	215	3,844
C62	6" 250# flanged	Cast iron body, S/S trim	225	4,046
C81	8" 125# flanged	Cast iron body, S/S trim	293	5,113
C82	8" 250# flanged	Cast iron body, S/S trim	323	5,356



C41

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

DUAL AIR RELEASE VALVE (TWO VALVES PIPED TOGETHER)

MODEL NO.	INLET SIZE*	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
AL10/M5	1" NPT	Air & Vacuum Valve with 1/2" Air Release Valve	24	\$ 660
AL20/M5	2" NPT	Air & Vacuum Valve with 1/2" Air Release Valve	53	959
AL21/M5	2" 125# flanged	Air & Vacuum Valve with 1/2" Air Release Valve	54	1,000
AL22/M5	2" 250# flanged	Air & Vacuum Valve with 1/2" Air Release Valve	57	1,040
AL30/M5	3" NPT	Air & Vacuum Valve with 1/2" Air Release Valve	83	1,264
AL31/M5	3" 125# flanged	Air & Vacuum Valve with 1/2" Air Release Valve	97	1,305
AL32/M5	3" 250# flanged	Air & Vacuum Valve with 1/2" Air Release Valve	103	1,493
AL40/PL10	4" NPT	Air & Vacuum Valve with 1" Air Release Valve	178	2,324
AL41/PL10	4" 125# flanged	Air & Vacuum Valve with 1" Air Release Valve	194	2,344
AL42/PL10	4" 250# flanged	Air & Vacuum Valve with 1" Air Release Valve	205	2,723
AL61/PL10	6" 125# flanged	Air & Vacuum Valve with 1" Air Release Valve	198	3,080
AL62/PL10	6" 250# flanged	Air & Vacuum Valve with 1" Air Release Valve	221	3,691
AL81/PL10	8" 125# flanged	Air & Vacuum Valve with 1" Air Release Valve	289	4,800
AL82/PL10	8" 250# flanged	Air & Vacuum Valve with 1" Air Release Valve	319	5,384
AL101/PL10	10" 125# flanged	Air & Vacuum Valve with 1" Air Release Valve	524	P.O.A.
AL102/PL10	10" 250# flanged	Air & Vacuum Valve with 1" Air Release Valve	574	P.O.A.
AL101/PL20	10" 125# flanged	Air & Vacuum Valve with 2" Air Release Valve	544	P.O.A.
AL102/PL20	10" 250# flanged	Air & Vacuum Valve with 2" Air Release Valve	594	P.O.A.
AL121/PL10	12" 125# flanged	Air & Vacuum Valve with 1" Air Release Valve	753	P.O.A.
AL122/PL10	12" 250# flanged	Air & Vacuum Valve with 1" Air Release Valve	806	P.O.A.
AL121/PL20	12" 125# flanged	Air & Vacuum Valve with 2" Air Release Valve	775	P.O.A.
AL122/PL20	12" 250# flanged	Air & Vacuum Valve with 2" Air Release Valve	828	P.O.A.
AL141/PL10	14" 125# flanged	Air & Vacuum Valve with 1" Air Release Valve	1001	P.O.A.
AL142/PL10	14" 250# flanged	Air & Vacuum Valve with 1" Air Release Valve	1188	P.O.A.
AL141/PL20	14" 125# flanged	Air & Vacuum Valve with 2" Air Release Valve	1023	P.O.A.
AL142/PL20	14" 250# flanged	Air & Vacuum Valve with 2" Air Release Valve	1210	P.O.A.
AL161/PL10	16" 125# flanged	Air & Vacuum Valve with 1" Air Release Valve	1121	P.O.A.
AL162/PL10	16" 250# flanged	Air & Vacuum Valve with 1" Air Release Valve	1304	P.O.A.
AL161/PL20	16" 125# flanged	Air & Vacuum Valve with 2" Air Release Valve	1143	P.O.A.
AL162/PL20	16" 250# flanged	Air & Vacuum Valve with 2" Air Release Valve	1326	P.O.A.

* AVAILABLE IN SIZES UP TO 24". NOTE: If a larger or smaller size Air Release Valve is required, with an Air & Vacuum Valve, simply deduct the price for the Air Release Valve shown and add the price for the valve required. Remember to correct the model number.

AL31/PL10

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

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**C41**

COMBINATION AIR RELEASE VALVE (TWO VALVES WITH ONE INTEGRAL CASTING)

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
C5	1/2" NPT	Cast iron body, S/S trim	13	\$ 807
C10	1" NPT	Cast iron body, S/S trim	21	1,114
C20	2" NPT	Cast iron body, S/S trim	64	1,536
C21	2" 125# flanged	Cast iron body, S/S trim	73	1,675
C22	2" 250# flanged	Cast iron body, S/S trim	77	1,721
C30	3" NPT	Cast iron body, S/S trim	108	1,857
C31	3" 125# flanged	Cast iron body, S/S trim	125	1,931
C32	3" 250# flanged	Cast iron body, S/S trim	130	2,014
C40	4" NPT	Cast iron body, S/S trim	190	2,472
C41	4" 125# flanged	Cast iron body, S/S trim	203	2,589
C42	4" 250# flanged	Cast iron body, S/S trim	214	2,645
C61	6" 125# flanged	Cast iron body, S/S trim	215	3,842
C62	6" 250# flanged	Cast iron body, S/S trim	225	4,046
C81	8" 125# flanged	Cast iron body, S/S trim	293	5,023
C82	8" 250# flanged	Cast iron body, S/S trim	323	5,356
C101	10" 125# flanged	Cast iron body, S/S trim	528	P.O.A.
C102	10" 250# flanged	Cast iron body, S/S trim	578	P.O.A.
C121	12" 125# flanged	Cast iron body, S/S trim	757	P.O.A.
C122	12" 250# flanged	Cast iron body, S/S trim	810	P.O.A.
C141	14" 125# flanged	Cast iron body, S/S trim	1005	P.O.A.
C142	14" 250# flanged	Cast iron body, S/S trim	1192	P.O.A.
C161	16" 125# flanged	Cast iron body, S/S trim	1125	P.O.A.
C162	16" 250# flanged	Cast iron body, S/S trim	1308	P.O.A.

**N20**

NEGATIVE PRESSURE VALVES

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
N5	1/2" NPT	Cast iron body, S/S trim	12	\$ P.O.A.
N10	1" NPT	Cast iron body, S/S trim	29	P.O.A.
N20	2" NPT	Cast iron body, S/S trim	66	P.O.A.
N30	3" NPT	Cast iron body, S/S trim	127	P.O.A.
N40	4" NPT	Cast iron body, S/S trim	232	P.O.A.

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

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CRISPIN AIR AND VACUUM SEWER VALVES

MODEL NO.	INLET SIZE	OUTLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
SL20A	2" NPT	1" NPT	Cast iron body, S/S trim	49	\$ 707
SL20AB	2" NPT	1" NPT	With backflush attachments	60	1,215
S10AS	2" NPT	1" NPT	Cast iron body, S/S trim, Short body	54	707
S10ASB	2" NPT	1" NPT	With backflush attachments	66	1,215
S20A	2" NPT	2" NPT	Cast iron body, S/S trim	90	1,481
S20AB	2" NPT	2" NPT	With backflush attachments	100	1,977
S20AS	2" NPT	2" NPT	Cast iron body, S/S trim, Short body	54	1,533
S20ASB	2" NPT	2" NPT	With backflush attachments	66	2,047
S21A	2" 125# flanged	2" NPT	Cast iron body, S/S trim	95	1,732
S21AB	2" 125# flanged	2" NPT	With backflush attachments	131	2,626
S30A	3" NPT	3" NPT	Cast iron body, S/S trim	100	1,979
S30AB	3" NPT	3" NPT	With backflush attachments	115	2,803
S31A	3" 125# flanged	3" NPT	Cast iron body, S/S trim	110	2,192
S31AB	3" 125# flanged	3" NPT	With backflush attachments	160	2,765
S40A	4" NPT	4" NPT	Cast iron body, S/S trim	120	2,334
S40AB	4" NPT	4" NPT	With backflush attachments	127	3,633
S41A	4" 125# flanged	4" NPT	Cast iron body, S/S trim	135	2,737
S41AB	4" 125# flanged	4" NPT	With backflush attachments	215	3,953
S61A	6" 125# flanged	6" NPT	Cast iron body, S/S trim	210	4,313
S61AB	6" 125# flanged	6" NPT	With backflush attachments	350	5,902
S81A	8" 125# flanged	8" NPT	Cast iron body, S/S trim	335	P.O.A.
S81AB	8" 125# flanged	8" NPT	With backflush attachments	550	P.O.A.
S101A	10" 125# flanged	10" NPT	Cast iron body, S/S trim	500	P.O.A.
S101AB	10" 125# flanged	10" NPT	With backflush attachments	780	P.O.A.



SL20B



SL20AB

PRESSURE AIR RELEASE SEWER VALVES

STANDARD CAPACITY SERIES

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
SL20	2" NPT	Cast iron body, S/S trim	49	\$ 783
SL20B	2" NPT	With backflush attachments	60	1,375
S20S	2" NPT	Cast iron body, S/S trim, Short body	54	783
S20SB	2" NPT	With backflush attachments	66	1,375
SL30	3" NPT	Cast iron body, S/S trim	49	924
SL30B	3" NPT	With backflush attachments	66	1,771
SL40	4" NPT	Cast iron body, S/S trim	49	1,107
SL40B	4" NPT	With backflush attachments	73	2,599

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

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PRESSURE AIR RELEASE SEWER VALVES**HIGH CAPACITY SERIES**

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
S20	2" NPT	Cast iron body, S/S trim	93	\$ 1,057
S20B	2" NPT	With backflush attachments	105	1,524
S21	2" 125# flanged	Cast iron body, S/S trim	106	1,174
S21B	2" 125# flanged	With backflush attachments	131	1,835
S30	3" NPT	Cast iron body, S/S trim	95	1,215
S30B	3" NPT	With backflush attachments	110	1,906
S31	3" 125# flanged	Cast iron body, S/S trim	102	1,396
S31B	3" 125# flanged	With backflush attachments	158	1,488
S40	4" NPT	Cast iron body, S/S trim	95	1,360
S40B	4" NPT	With backflush attachments	115	2,850
S41	4" 125# flanged	Cast iron body, S/S trim	105	1,609
S41B	4" 125# flanged	With backflush attachments	185	3,287
S61	6" 125# flanged	Cast iron body, S/S trim	115	2,776
S61B	6" 125# flanged	With backflush attachments	255	5,110

**US20****COMBINATION SEWER VALVES****UNIVERSAL SEWER AIR RELEASE VALVE (SINGLE BODY TYPE)**

MODEL NO.	INLET SIZE	OUTLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
US10S	2" NPT	1" NPT	Cast iron body, S/S trim	49	\$ 1,498
US10SB	2" NPT	1" NPT	With backflush attachments	60	2,047
USL20	2" NPT	1" NPT	Cast iron body, S/S trim	50	1,557
USL20B	2" NPT	1" NPT	With backflush attachments	62	2,087
US20S	2" NPT	2" NPT	Cast iron body, S/S trim	60	2,236
US20SB	2" NPT	2" NPT	With backflush attachments	68	2,565
US20	2" NPT	2" NPT	Cast iron body, S/S trim	93	2,310
US20B	2" NPT	2" NPT	With backflush attachments	105	2,571
US21	2" 125# flanged	2" NPT	Cast iron body, S/S trim	106	2,445
US21B	2" 125# flanged	2" NPT	With backflush attachments	136	1,569
US30	3" NPT	3" NPT	Cast iron body, S/S trim	127	2,902
US30B	3" NPT	3" NPT	With backflush attachments	144	3,756
US31	3" 125# flanged	3" NPT	Cast iron body, S/S trim	137	2,987
US31B	3" 125# flanged	3" NPT	With backflush attachments	190	4,014
US40	4" NPT	4" NPT	Cast iron body, S/S trim	135	3,562
US40B	4" NPT	4" NPT	With backflush attachments	159	4,702
US41	4" 125# flanged	4" NPT	Cast iron body, S/S trim	149	3,613
US41B	4" 125# flanged	4" NPT	With backflush attachments	226	4,974
US61	6" 125# flanged	6" NPT	Cast iron body, S/S trim	210	6,178
US61B	6" 125# flanged	6" NPT	With backflush attachments	360	8,304

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

its Trusts

COMBINATION SEWER VALVES WITH STANDARD CAPACITY SEWAGE AIR RELEASE VALVES

MODEL NO.	INLET SIZE	OUTLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
SL20A/SL20	2" NPT	1" NPT	Cast iron body, S/S trim	110	\$ 1,923
SL20AB/SL20B	2" NPT	1" NPT	With backflush attachments	130	2,895
S10AS/S20S	2" NPT	1" NPT	Cast iron body, S/S trim, Short body	130	1,923
S10ASB/S20SB	2" NPT	1" NPT	With backflush attachments	146	2,895
S20A/SL20	2" NPT	2" NPT	Cast iron body, S/S trim	145	2,830
S20AB/SL20B	2" NPT	2" NPT	With backflush attachments	172	3,499
S20AS/S20S	2" NPT	2" NPT	Cast iron body, S/S trim, Short body	132	2,830
S20ASB/S20SB	2" NPT	2" NPT	With backflush attachments	146	3,499
S21A/SL20	2" 125# flanged	2" NPT	Cast iron body, S/S trim	150	2,929
S21AB/SL20B	2" 125# flanged	2" NPT	With backflush attachments	195	3,579
S30A/SL20	3" NPT	3" NPT	Cast iron body, S/S trim	155	3,342
S30AB/SL20B	3" NPT	3" NPT	With backflush attachments	180	5,019
S31A/SL20	3" 125# flanged	3" NPT	Cast iron body, S/S trim	165	3,780
S31AB/SL20B	3" 125# flanged	3" NPT	With backflush attachments	225	5,113
S40A/SL20	4" NPT	4" NPT	Cast iron body, S/S trim	174	4,399
S40AB/SL20B	4" NPT	4" NPT	With backflush attachments	192	6,342
S41A/SL20	4" 125# flanged	4" NPT	Cast iron body, S/S trim	189	4,501
S41AB/SL20B	4" 125# flanged	4" NPT	With backflush attachments	280	6,448
S61A/SL20	6" 125# flanged	6" NPT	Cast iron body, S/S trim	264	5,942
S61AB/SL20B	6" 125# flanged	6" NPT	With backflush attachments	420	7,573
S81A/SL20	8" 125# flanged	8" NPT	Cast iron body, S/S trim	390	P.O.A.
S81AB/SL20B	8" 125# flanged	8" NPT	With backflush attachments	615	P.O.A.
S101A/SL20	10" 125# flanged	10" NPT	Cast iron body, S/S trim	555	P.O.A.
S101AB/SL20B	10" 125# flanged	10" NPT	With backflush attachments	835	P.O.A.



SL20B/SL20AB

COMBINATION SEWER VALVES WITH HIGH CAPACITY SEWAGE AIR RELEASE VALVE

MODEL NO.	INLET SIZE	OUTLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
S20A/S20	2" NPT	2" NPT	Cast iron body, S/S trim	189	\$ 3,084
S20AB/S20B	2" NPT	2" NPT	With backflush attachments	212	3,847
S30A/S20	3" NPT	3" NPT	Cast iron body, S/S trim	197	3,778
S30AB/S20B	3" NPT	3" NPT	With backflush attachments	225	5,473
S40A/S20	4" NPT	4" NPT	Cast iron body, S/S trim	218	3,010
S40AB/S20B	4" NPT	4" NPT	With backflush attachments	237	6,075
S41A/S20	4" 125# flanged	4" NPT	Cast iron body, S/S trim	235	4,649
S41AB/S20B	4" 125# flanged	4" NPT	With backflush attachments	325	6,280
S61A/S20	6" 125# flanged	6" NPT	Cast iron body, S/S trim	308	6,222
S61AB/S20B	6" 125# flanged	6" NPT	With backflush attachments	460	8,226
S81A/S20	8" 125# flanged	8" NPT	Cast iron body, S/S trim	433	P.O.A.
S81AB/S20B	8" 125# flanged	8" NPT	With backflush attachments	660	P.O.A.
S101A/S20	10" 125# flanged	10" NPT	Cast iron body, S/S trim	600	P.O.A.
S101AB/S20B	10" 125# flanged	10" NPT	With backflush attachments	880	P.O.A.

When ordering Crispin Air Release Valves, please refer to the Valve Design section to determine the correct modification of the model numbers for valves having **Low Pressure** and **High Pressure** applications.

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X-SERIES STAINLESS STEEL AIR RELEASE VALVES**“UX” SERIES — SS COMBINATION AIR RELEASE VALVE**

MODEL NO.	INLET x OUTLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
UX10	1" x 1" NPT	SS body, S/S trim	31	\$ 3,122
UX20	2" x 1" NPT	SS body, S/S trim	30	3,044
UX20-2	1" NPT	SS body, S/S trim	40	4,135
UX31	3" x 3" NPT	SS body, S/S trim	102	9,277

“AX” SERIES — SS AIR & VACUUM AIR RELEASE VALVE

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
AX10	1" x 1" NPT	SS body, S/S trim	31	\$ 3,122
AX20	2" x 1" NPT	SS body, S/S trim	30	3,044
AX20-2	1" NPT	SS body, S/S trim	40	4,135
AX31	3" x 3" NPT	SS body, S/S trim	102	9,277

“PX” SERIES — SS PRESSURE AIR RELEASE VALVE

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
PX10	1" x 1" NPT	SS body, S/S trim	31	\$ 3,122
PX20	2" x 1" NPT	SS body, S/S trim	30	3,044
PX20-2	1" NPT	SS body, S/S trim	40	4,135
PX31	3" x 3" NPT	SS body, S/S trim	102	9,277

THERMALLY ACTIVATED VALVES

MODEL NO.	INLET SIZE	SET POINTS	MATERIAL DESCRIPTION	WEIGHT	LIST PRICE
TAV5 Freeze Protection	1/2" NPT	35F	S/S Body, Teflon Seat & Brass	12 oz.	\$ 575
TAV5 Steam Application	1/2" NPT	100F, 120F, 180F 210F, 240F	S/S Body, Teflon Seat & Brass	12 oz.	595
TAV5 Scald Protection	1/2" NPT	95F, 115F	S/S Body, Teflon Seat & Brass	12 oz.	615

VACUUM CHECKS (MOUNTING NIPPLE INCLUDED)

MODEL NO.	INLET SIZE	MATERIAL DESCRIPTION	WEIGHT LBS.	LIST PRICE
V3	3/8" NPT	Bronze Body, Brass trim	2	\$ 92
V5	1/2" NPT	Bronze Body, Brass trim	3	128
V10	1" NPT	Bronze Body, Brass trim	4	203

NOTE: Vacuum Checks are added to the outlet of Pressure Air Release Valves, to prevent air from re-entering the valve.

For pricing information on our VP Vacuum Priming Valves, AE Air Eliminators, and FS Fuel Service Air Valves, please contact your area Crispin representative, or call our factory directly at (800) 247-VALV.



Crispin

Since 1905

CHECK VALVE PRICE LIST

Globe Check + Wafer Check + Foot Valve + Rubber

Flapper Prices Effective May 13th, 2022

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TERMS AND CONDITIONS

Payment Terms:	1% 10 days; Net 30 days from date of invoice, with approved credit.
All prices:	f.o.b. Berwick, Pennsylvania and are exclusive of any taxes.
FREIGHT TERMS:	<u>Freight Terms</u> = f.o.b. Berwick, Pennsylvania for all orders. <u>For Stocking Representatives Only</u> - Full freight allowance within the United States for -ARV, -CV, -SWL orders ONLY over \$10,000 Net For ANY Orders containing -BFV, -PV, including COMBINED orders, Freight Allowance = 10,000bs. Gross Wt
Orders:	Orders accepted by the factory may not be cancelled, or shipment deferred without advance written consent of the factory and shall be subject to cancellation charges.
Valve returns:	Valves will only be accepted by the factory if the shipping label states a return authorization number issued by the factory. A restocking charge shall apply to all returns.
Special materials of Construction:	For pricing and delivery information of valves to be manufactured of special material of construction, consult the factory. Valves manufactured with special materials can not be returned or the order cancelled.
Export Shipments:	Valves to be packaged for export shipment will carry an additional charge. Consult factory.
Delivery:	All valves to be shipped as quickly as possible from the factory upon receipt of the customer's Purchase Order or when possible, on the date specified by the customer. M.M.CO. will not be responsible for delays in shipping due to conditions beyond our control.
Claims:	Any claims for shortages or damaged products must be made in writing within 5 days of receipt of shipment.

WARRANTY

The Manufacturer warrants the workmanship and materials to be free from defect for a period of one (1) year from the date of shipment from the factory. The Manufacturer shall replace any parts deemed defective during the said time period, provided that the product has been properly applied and used for the purpose intended. The Manufacturer must be notified of the alleged defect and provided with the proper data as to the application. The Manufacturer at its discretion will repair or replace the product, f.o.b. factory. The Manufacturer shall not be liable to the Buyer or others for any consequential or incidental damage. The Buyer agrees that the Manufacturer shall not be liable for any loss, cost, expenses, damages, from the product, its uses, installation or replacement, instructions, labeling, technical data, description of the product, its uses or warnings or lack of any of the foregoing. NO OTHER WARRANTIES WRITTEN OR ORAL, EXPRESSED OR IMPLIED SHALL APPLY. These products are not manufactured, sold, or intended for personal family or household use.

GLOBE STYLE SILENT CHECK VALVES

(DUCTILE IRON BODY — S/S TRIM & SPRING)

MODEL NUMBER	SIZE (AVAILABLE UP TO 36")	WEIGHT	LIST PRICE	RESILIENT SEAT LIST PRICE
GC31	3" 125# Flanged	30 lbs.	\$597	\$ 700
GC32	3" 250# Flanged	38 lbs.	831	947
GC41	4" 125# Flanged	46 lbs.	773	920
GC42	4" 250# Flanged	62 lbs.	1,087	1,249
GC51	5" 125# Flanged	62 lbs.	1,150	1,338
GC52	5" 250# Flanged	77 lbs.	1,536	1,826
GC61	6" 125# Flanged	80 lbs.	1,281	1,510
GC62	6" 250# Flanged	110 lbs.	1,794	2,095
GC81	8" 125# Flanged	152 lbs.	1,991	2,306
GC82	8" 250# Flanged	180 lbs.	3,068	3,428
GC101	10" 125# Flanged	234 lbs.	2,874	3,285
GC102	10" 250# Flanged	239 lbs.	4,412	4,895
GC121	12" 125# Flanged	335 lbs.	4,604	4,813
GC122	12" 250# Flanged	417 lbs.	6,815	7,466
GC141	14" 125# Flanged	380 lbs.	6,721	7,286
GC142	14" 250# Flanged	511 lbs.	9,677	10,396
GC161	16" 125# Flanged	501 lbs.	9,199	10,153
GC162	16" 250# Flanged	697 lbs.	13,530	14,646

***NOTE:** WHEN ORDERING THE MODELS ABOVE AND BELOW WITH RESILIENT SEATS, PLEASE ADD AN "R" TO THE END OF THE MODEL NUMBER. EXAMPLE: GC31.R

WAFER STYLE SILENT CHECK VALVES

(CAST IRON BODY — S/S TRIM AND S/S SPRING)

MODEL NUMBER	SIZE	PRESSURE CLASS	WEIGHT	LIST PRICE	RESILIENT*SEAT LIST PRICE
WC20	2"	125, 250	6 lbs.	\$ 622	\$ 710
WC250	2½"	125, 250	8 lbs.	688	811
WC30	3"	125, 250	12 lbs.	1,020	1,144
WC40	4"	125, 250	19 lbs.	1,326	1,513
WC50	5"	125, 250	28 lbs.	1,780	1,903
WC60	6"	125, 250	38 lbs.	1,942	2,235
WC801	8"	125	86 lbs.	P.O.A.	P.O.A.
WC802	8"	250	90 lbs.	P.O.A.	P.O.A.
WC1001	10"	125	137 lbs.	P.O.A.	P.O.A.
WC1002	10"	250	145 lbs.	P.O.A.	P.O.A.

***NOTE:** WHEN ORDERING THE ABOVE MODELS WITH RESILIENT SEATS, PLEASE ADD AN "R" TO THE END OF THE MODEL NUMBER. EXAMPLE: WC20.R

FOOT VALVES (CAST IRON BODY / DELRIN & S/S TRIM - POLYETHYLENE STRAINER)			
MODEL NUMBER	SIZE (AVAILABLE UP TO 36")	WEIGHT	LIST PRICE
FV20	2" Threaded	5 lbs.	\$ 144
FV30	3" Threaded	10 lbs.	383
FV40	4" Threaded	18 lbs.	445

FOOT VALVES (CAST IRON BODY, S/S TRIM, BUNA-N SEATING, S/S SPRING & STRAINER)			
MODEL NUMBER	SIZE	WEIGHT	LIST PRICE
FV31	3" 125# Flanged	48 lbs.	\$ 1,199
FV41	4" 125# Flanged	63 lbs.	1,424
FV51	5" 125# Flanged	87 lbs.	1,960
FV61	6" 125# Flanged	107 lbs.	2,137
FV81	8" 125# Flanged	172 lbs.	3,015
FV101	10" 125# Flanged	275 lbs.	4,399
FV121	12" 125# Flanged	410 lbs.	6,142
FV141	14" 125# Flanged	527 lbs.	10,866
FV161	16" 125# Flanged	664 lbs.	12,654

NOTE: Stainless Steel bolts & nuts available on all Foot Valves, Consult Factory.

OCWUT 00034

RUBBER FLAPPER CHECK VALVES**(Class 150 Specifications)**

MODEL NUMBER	SIZE	WEIGHT	LIST PRICE	WEIGHT WITH BACKFLOW	LIST PRICE WITH BACKFLOW
RF 21	2"	24 lbs.	\$ 611	n/a	n/a
RF 31	3"	37 lbs.	710	39 lbs.	\$ 1,045
RF 41	4"	67 lbs.	827	71 lbs.	1,230
RF 61	6"	120 lbs.	1,309	126 lbs.	1,856
RF 81	8"	219 lbs.	2,095	230 lbs.	2,954
RF 101	10"	360 lbs.	3,749	378 lbs.	4,744
RF 121	12"	503 lbs.	5,692	528 lbs.	7,218
RF 141	14"	680 lbs.	8,309	714 lbs.	9,977
RF 161	16"	975 lbs.	11,254	1024 lbs.	13,026
RF 181	18"	1325 lbs.	POA	1392 lbs.	POA
RF 201	20"	1650 lbs.	POA	1733 lbs.	POA
RF 241	24"	2125 lbs.	POA	2232 lbs.	POA

For pricing information on our Tilting Disc and SWC + SWL Swing Check Valves,
please contact your area Crispin representative, or call our factory directly at (800) 247-VALV.



Crispin

Since 1905

SWL SWING CHECK VALVE PRICE LIST

Lever & Weight + Lever & Spring + Air Cushion

Prices Effective May13th, 2022

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CONFIGURATION NOTES

Coatings:	All models are standard with 2 part Epoxy In/Out. Discounts offered for Primed Exterior Only.
Working Press:	All models are rated for a maximum 250 psig wworking pressure.
Alternate Materials:	Alternate materials such as 316 s/s for Shafts and Trim are available. Please consult factory for pricing.

TERMS AND CONDITIONS

Payment terms:	1% 10 days; Net 30 days from date of invoice, with approved credit.
All prices:	f.o.b. Berwick, Pennsylvania and are exclusive of any taxes.
Freight Terms:	Freight Terms = f.o.b. Berwick, Pennsylvania for all orders. For Stocking Representatives Only - Full freight allowance within the United States for -ARV, -CV, -SWL orders ONLY over \$10,000 Net For ANY Orders containing -BFV, -PV, including COMBINED orders, Freight Allowance = 10,000bs. Gross Wt
Orders:	Orders accepted by the factory may not be cancelled, or shipment deferred without advance written consent of the factory and shall be subject to cancellation charges.
Valve returns:	Valves will only be accepted by the factory if the shipping label states a return authorization number issued by the factory. A restocking charge shall apply to all returns.
Special materials of Construction:	For pricing and delivery information of valves to be manufactured of special material of construction, consult the factory. Valves manufactured with special materials can not be returned or the order cancelled.
Export Shipments:	Valves to be packaged for export shipment will carry an additional charge. Consult factory.
Delivery:	All valves to be shipped as quickly as possible from the factory upon receipt of the customer's Purchase Order or when possible, on the date specified by the customer. M.M.CO. will not be responsible for delays in shipping due to conditions beyond our control.
Claims:	Any claims for shortages or damaged products must be made in writing within 5 days of receipt of shipment.

WARRANTY

The Manufacturer warrants the workmanship and materials to be free from defect for a period of one (1) year from the date of shipment from the factory. The Manufacturer shall replace any parts deemed defective during the said time period, provided that the product has been properly applied and used for the purpose intended. The Manufacturer must be notified of the alleged defect and provided with the proper data as to the application. The Manufacturer at it's discretion will repair or replace the product, f.o.b. factory. The Manufacturer shall not be liable to the Buyer or others for any consequential or incidental damage. The Buyer agrees that the Manufacturer shall not be liable for any loss, cost, expenses, damages, from the product, its uses, installation or replacement, instructions, labeling, technical data, description of the product, its uses or warnings or lack of any of the foregoing. NO OTHER WARRANTIES WRITTEN OR ORAL, EXPRESSED OR IMPLIED SHALL APPLY. These products are not manufactured, sold, or intended for personal family or household use.

SWL SWING CHECK VALVES**w/ Lever & Weight (-LW) or Lever & Spring (-LS)****DUCTILE IRON BODY, 316S/S SEAT, 304 S/S SHAFT, BRONZE+S/S TRIM**

MODEL NUMBER	SIZE (AVAILABLE UP TO 36")	WEIGHT	Lever&Wt (-LW) LIST PRICE	Lever&Spring (-LS) LIST PRICE
SWL31-LW (-LS)	3" 150# Flanged	72 lbs.	\$ 1,493	\$ 1,493
SWL41-LW (-LS)	4" 150# Flanged	97 lbs.	1,791	1,791
SWL61-LW (-LS)	6" 150# Flanged	180 lbs.	2,507	2,507
SWL81-LW (-LS)	8" 150# Flanged	300 lbs.	3,722	3,722
SWL101-LW (-LS)	10" 150# Flanged	500 lbs.	5,273	5,273
SWL121-LW (-LS)	12" 150# Flanged	700 lbs.	9,132	9,132
SWL141-LW (-LS)	14" 150# Flanged	1030 lbs.	14,263	14,263
SWL161-LW (-LS)	16" 150# Flanged	1375 lbs.	17,045	17,045
SWL181-LW (-LS)	18" 150# Flanged	1850 lbs.	19,401	19,401
SWL201-LW (-LS)	20" 150# Flanged	2200 lbs.	21,839	21,839
SWL241-LW (-LS)	24" 150# Flanged	3450 lbs.	35,378	35,378
SWL301-LW (-LS)	30" 150# Flanged	6250 lbs.	P.O.A.	P.O.A.
SWL361-LW (-LS)	36" 150# Flanged	9135 lbs.	P.O.A.	P.O.A.

SWL SWING CHECK VALVES**w/ Air Cushion (-LW-AC)****DUCTILE IRON BODY, 316S/S SEAT, 304 S/S SHAFT, BRONZE+S/S TRIM,
ALUMINUM AIR CYLINDER**

MODEL NUMBER	SIZE (AVAILABLE UP TO 36")	WEIGHT	Air Cushion (-LW-AC) LIST PRICE
SWL31-LW-AC	3" 150# Flanged	76 lbs.	\$ 3,212
SWL41-LW-AC	4" 150# Flanged	102 lbs.	3,619
SWL61-LW-AC	6" 150# Flanged	190 lbs.	4,106
SWL81-LW-AC	8" 150# Flanged	325 lbs.	5,396
SWL101-LW-AC	10" 150# Flanged	515 lbs.	7,558
SWL121-LW-AC	12" 150# Flanged	720 lbs.	11,101
SWL141-LW-AC	14" 150# Flanged	1080 lbs.	15,543
SWL161-LW-AC	16" 150# Flanged	1425 lbs.	17,941
SWL181-LW-AC	18" 150# Flanged	1900 lbs.	21,336
SWL201-LW-AC	20" 150# Flanged	2270 lbs.	24,043
SWL241-LW-AC	24" 150# Flanged	3550 lbs.	37,201
SWL301-LW-AC	30" 150# Flanged	6360 lbs.	P.O.A.
SWL361-LW-AC	36" 150# Flanged	9360 lbs.	P.O.A.

For pricing information on our SWL Swing Check Valves with Bronze Air Cushions,
please contact your area Crispin representative, or call our factory directly at (800) 247-VALV.



Crispin

Since 1905

SERIES 800, 900, & 700 PLUG VALVE PRICE LIST

SERIES 800 ROUND PORT 2.5" THRU 12" SERIES

SERIES 900 RECTANGULAR PORT 14" THRU 48"

SERIES 700 100% RECTANGULAR PORT 14" THRU 48"

Prices Effective May 13th, 2022

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CONFIGURATION NOTES

Coatings:	All models are standard with 2 part Epoxy In/Out Only.
Working Press:	All models are rated for a maximum 150 psig wworking pressure.
Alternate Materials:	Alternate materials such as Ductile Bodies & Viton Plugs, etc. are available. Consult factory for pricing.

TERMS AND CONDITIONS

Payment All prices:	1% 10 days; Net 30 days from date of invoice, with approved credit. f.o.b. Berwick, Pennsylvania and are exclusive of any taxes.
FREIGHT TERMS:	<u>Freight Terms</u> = f.o.b. Berwick, Pennsylvania for all orders. <u>For Stocking Representatives Only</u> - Full freight allowance within the United States for -ARV, -CV, -SWL orders ONLY over \$10,000 Net For ANY Orders containing -BFV, -PV, including COMBINED orders. Freight Allowance = 10,000bs. Gross Wt
Orders:	Orders accepted by the factory may not be cancelled, or shipment deferred without advance written consent of the factory and shall be subject to cancellation charges.
Valve returns:	Valves will only be accepted by the factory if the shipping label states a return authorization number issued by the factory. A restocking charge shall apply to all returns.
Special materials of Construction:	For pricing and delivery information of valves to be manufactured of special material of construction, consult the factory. Valves manufactured with special materials can not be returned or the order cancelled.
Export Shipments:	Valves to be packaged for export shipment will carry an additional charge. Consult factory.
Delivery:	All valves to be shipped as quickly as possible from the factory upon receipt of the customer's Purchase Order or when possible, on the date specified by the customer. CRISPIN. will not be responsible for delays in shipping due to conditions beyond our control.
Claims:	Any claims for shortages or damaged products must be made in writing within 5 days of receipt of shipment.

WARRANTY

The Manufacturer warrants the workmanship and materials to be free from defect for a period of one (1) year from the date of shipment from the factory. The Manufacturer shall replace any parts deemed defective during the said time period, provided that the product has been properly applied and used for the purpose intended. The Manufacturer must be notified of the alleged defect and provided with the proper data as to the application. The Manufacturer at it's discretion will repair or replace the product, f.o.b. factory. The Manufacturer shall not be liable to the Buyer or others for any consequential or incidental damage. The Buyer agrees that the Manufacturer shall not be liable for any loss, cost, expenses, damages, from the product, its uses, installation or replacement, instructions, labeling, technical data, description of the product, its uses or warnings or lack of any of the foregoing. NO OTHER WARRANTIES WRITTEN OR ORAL, EXPRESSED OR IMPLIED SHALL APPLY. These products are not manufactured, sold, or intended for personal family or household use.

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SERIES 800 PLUG VALVES
w/ 2" DIRECT DRIVE NUT
150# FLxFL and MJxMJ

CAST IRON BODY, DUCTILE/BUNA PLUG, S/S BOLTS/NUTS, EPOXY IN/OUT
A= ABOVE GROUND, 1= BURIED SERVICE

MODEL NUMBER	FLANGED SIZE	WEIGHT	LIST PRICE	MODEL NUMBER	MJ SIZE	WEIGHT	LIST PRICE
KG02584A	2.5"	37 lbs.	\$771.00	KG03861	3"	50 lbs.	\$878.00
KG0384A	3"	42 lbs.	771.00	KG04861	4"	88 lbs.	1,077.00
KG0484A	4"	78 lbs.	961.00	KG06861	6"	128 lbs.	1,591.00
KG0584A	5"	106 lbs.	1,444.00	KG08861	8"	234 lbs.	2,334.00
KG0684A	6"	117 lbs.	1,479.00				
KG0884A	8"	210 lbs.	2,056.00				

SERIES 800 PLUG VALVES
w/ WORM GEAR and Hand Wheel
150# FLxFL and MJxMJ

CAST IRON BODY, DUCTILE/BUNA PLUG, S/S BOLTS/NUTS, EPOXY IN/OUT

MODEL NUMBER	FLANGED SIZE	WEIGHT	LIST PRICE	MODEL NUMBER	MJ SIZE	WEIGHT	LIST PRICE
KG025842	2.5"	47 lbs.	\$1,174.00	KG03862	3"	86 lbs.	\$1,282.00
KG03842	3"	52 lbs.	\$1,174.00	KG04862	4"	99 lbs.	\$1,680.00
KG04842	4"	89 lbs.	\$1,565.00	KG06862	6"	128 lbs.	\$2,086.00
KG05842	5"	123 lbs.	\$1,864.00	KG08862	8"	250 lbs.	\$2,953.00
KG06842	6"	134 lbs.	\$1,975.00	KG10862	10"	362 lbs.	\$3,515.00
KG08842	8"	225 lbs.	\$2,675.00	KG12862	12"	504 lbs.	\$4,289.00
KG10842	10"	324 lbs.	\$3,064.00				
KG12842	12"	466 lbs.	\$3,788.00				

SERIES 800 PLUG VALVES
w/ WORM GEAR and 2" Nut for Buried Service
150# FLxFL and MJxMJ

CAST IRON BODY, DUCTILE/BUNA PLUG, S/S BOLTS/NUTS, EPOXY IN/OUT

MODEL NUMBER	FLANGED SIZE	WEIGHT	LIST PRICE	MODEL NUMBER	MJ SIZE	WEIGHT	LIST PRICE
KG025843	2.5"	53 lbs.	\$1,614.00	KG03863	3"	92 lbs.	\$1,721.00
KG03843	3"	58 lbs.	\$1,614.00	KG04863	4"	103 lbs.	\$2,183.00
KG04843	4"	92 lbs.	\$2,068.00	KG06863	6"	142 lbs.	\$2,589.00
KG05843	5"	120 lbs.	\$2,477.00	KG08863	8"	243 lbs.	\$3,246.00
KG06843	6"	131 lbs.	\$2,477.00	KG10863	10"	356 lbs.	\$3,941.00
KG08843	8"	219 lbs.	\$3,147.00	KG12863	12"	495 lbs.	\$4,762.00
KG10843	10"	317 lbs.	\$3,537.00				
KG12843	12"	457 lbs.	\$4,260.00				

For pricing information on our Series 900, 30" and Larger Plug Valves,
 please contact your area Crispin representative, or call our factory directly at (800) 247-VALV.

SERIES 900 PLUG VALVES
w/ WORM GEAR and Hand Wheel or 2" NUT
for Above Ground Service
150# FLxFL

CAST IRON BODY, DUCTILE/BUNA PLUG, S/S BOLTS/NUTS, EPOXY IN/OUT

w/ Hand Wheel

w/ 2" Nut

MODEL NUMBER	FLANGED SIZE	WEIGHT	LIST PRICE	MODEL NUMBER	FLANGED SIZE	WEIGHT	LIST PRICE
KG14942	14"	693 lbs.	\$6,895.00	KG14943A	14"	683 lbs.	\$7,487.00
KG16942	16"	816 lbs.	\$8,065.00	KG16943A	16"	806 lbs.	\$8,649.00
KG18942	18"	1,076 lbs.	\$9,685.00	KG18943A	18"	1,065 lbs.	\$10,426.00
KG20942	20"	1,435 lbs.	\$12,278.00	KG20943A	20"	1,424 lbs.	\$12,899.00
KG24942	24"	2,689 lbs.	\$23,740.00	KG24943A	24"	2,679 lbs.	\$23,230.00
KG30942	30"		POA	KG30943A	30"		POA
KG36942	36"		POA	KG36943A	36"		POA
KG42942	42"		POA	KG42943A	42"		POA
KG48942	48"		POA	KG48943A	48"		POA

SERIES 900 PLUG VALVES
w/ WORM GEAR and 2" Nut for Buried Service
150# FLxFL and MJxMJ

CAST IRON BODY, DUCTILE/BUNA PLUG, S/S BOLTS/NUTS, EPOXY IN/OUT

MODEL NUMBER	FLANGED SIZE	WEIGHT	LIST PRICE	MODEL NUMBER	MJ SIZE	WEIGHT	LIST PRICE
KG14943	14"	683 lbs.	\$7,614.00	KG14963	14"	744 lbs.	\$8,206.00
KG16943	16"	806 lbs.	\$8,783.00	KG16963	16"	956 lbs.	\$9,368.00
KG18943	18"	1,065 lbs.	\$10,402.00	KG18963	18"	1,112 lbs.	\$11,144.00
KG20943	20"	1,424 lbs.	\$12,995.00	KG20963	20"	1,520 lbs.	\$13,616.00
KG24943	24"	2,679 lbs.	\$24,022.00	KG24963	24"	2,563 lbs.	\$24,532.00
KG30943	30"		POA	KG30963	30"		POA
KG36943	36"		POA	KG36963	36"		POA
KG42943	42"		POA	KG42963	42"		POA
KG48943	48"		POA	KG48963	48"		POA

For pricing information on our Series 900, 30" and Larger Plug Valves, please contact your area Crispin representative, or call our factory directly at (800) 247-VALV.

SERIES 700 (100% PORT) PLUG VALVES
w/ WORM GEAR and Hand Wheel or 2" NUT
for Above Ground Service
150# FLxFL

CAST IRON BODY, DUCTILE/BUNA PLUG, S/S BOLTS/NUTS, EPOXY IN/OUT

w/ Hand Wheel

w/ 2" Nut

MODEL NUMBER	FLANGED SIZE	WEIGHT	LIST PRICE	MODEL NUMBER	FLANGED SIZE	WEIGHT	LIST PRICE
KG14742	14"	765 lbs.	\$10,043.00	KG14743A	14"	756 lbs.	\$10,671.00
KG16742	16"	989 lbs.	\$10,649.00	KG16743A	16"	980lbs.	\$11,269.00
KG18742	18"	1,295 lbs.	\$13,592.00	KG18743A	18"	1,283 lbs.	\$14,379.00
KG20742	20"	1,602lbs.	\$19,480.00	KG20743A	20"	1,593 lbs.	\$20,138.00
KG24742	24"	2,640 lbs.	\$37,922	KG24743A	24"	2,633 lbs.	\$38,463.00
KG30742	30"		POA	KG30743A	30"		POA
KG36742	36"		POA	KG36743A	36"		POA
KG42742	42"		POA	KG42743A	42"		POA
KG48742	48"		POA	KG48743A	48"		POA

SERIES 700 (100% PORT) PLUG VALVES
w/ WORM GEAR and 2" Nut for Buried Service
150# FLxFL and MJxMJ

CAST IRON BODY, DUCTILE/BUNA PLUG, S/S BOLTS/NUTS, EPOXY IN/OUT

MODEL NUMBER	FLANGED SIZE	WEIGHT	LIST PRICE	MODEL NUMBER	MJ SIZE	WEIGHT	LIST PRICE
KG14743	14"	756 lbs.	\$10,540.00	KG14763	14"	823 lbs.	\$11,168.00
KG16743	16"	980 lbs.	\$11,414.00	KG16763	16"	1,172 lbs.	\$12,034.00
KG18743	18"	1,283 lbs.	\$14,017.00	KG18763	18"	1,481 lbs.	\$14,804.00
KG20743	20"	1,593 lbs.	\$20,034.00	KG20763	20"	1,655 lbs.	\$20,692.00
KG24743	24"	2,633 lbs.	\$38,151.00	KG24763	24"	2,491 lbs.	\$38,701.00
KG30743	30"		POA	KG30763	30"		POA
KG36743	36"		POA	KG36763	36"		POA
KG42743	42"		POA	KG42763	42"		POA
KG48743	48"		POA	KG48763	48"		POA

For pricing information on our Series 900 & 700, 30" and Larger Plug Valves, please contact your area Crispin representative, or call our factory directly at (800) 247-VALV.

Crispin Valve

600 Fowler Ave
Berwick PA 18603
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F: (570) 752-4962
W: www.crispinvalve.com
E: sales@crispinvalve.com



OCWUT 36-24

List KF105-22-r0; Effective May 13th, 2022

MASTER REPRESENTATIVE PRICE LIST FOR KFLO BUTTERFLY VALVES

CLASS 150 VALVES

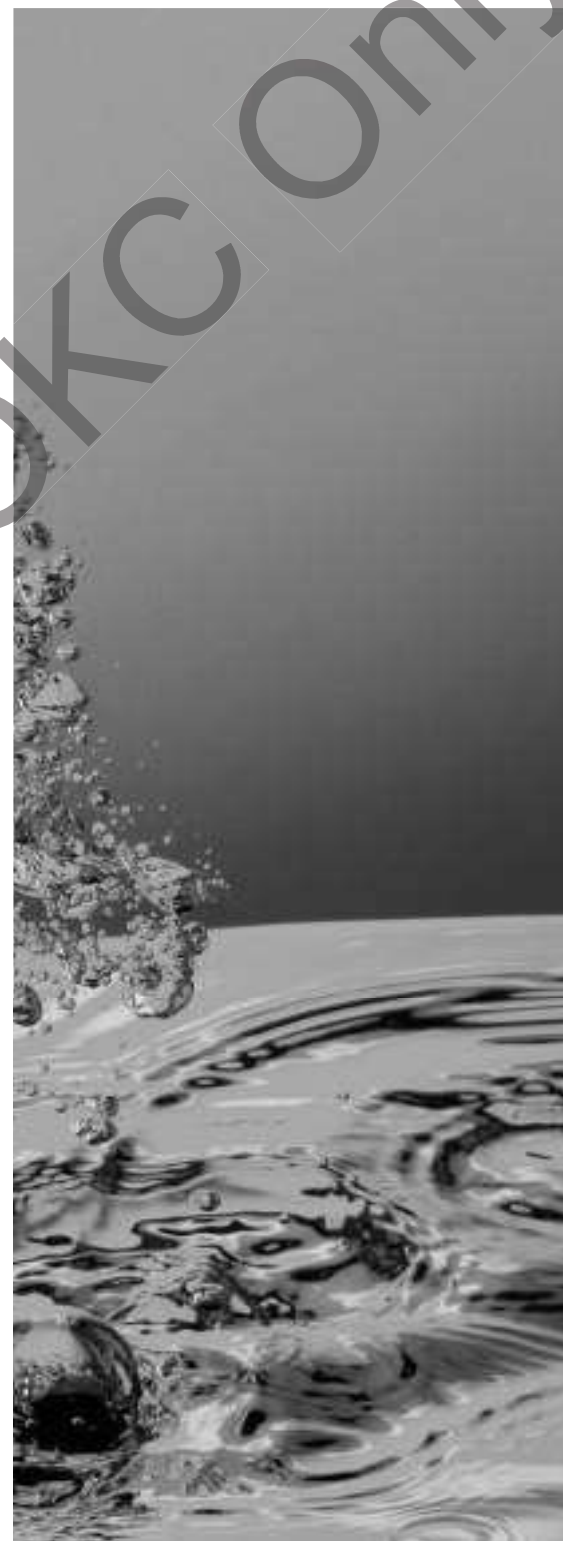
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OCWUT 00034



K-FLO SERIES 500: SIZES 3"-20"

504 - 150B FLG x FLG						
Cast Iron Body w/ 304 shaft - 125# drilling						
	Lever Operated		Buried Service Nut		Handwheel Actuated	
SIZE	Part #	List Price	Part #	List Price	Part #	List Price
3"	KK03112112011	\$ 1,002	KK03112112013	\$ 1,352	KK03112112012	\$ 1,419
4"	KK04112112011	\$ 1,025	KK04112112013	\$ 1,372	KK04112112012	\$ 1,441
6"	KK06112112011	\$ 1,290	KK06112112013	\$ 1,638	KK06112112012	\$ 1,705
8"	KK08112112011	\$ 1,431	KK08112112013	\$ 1,851	KK08112112012	\$ 1,919
10"			KK10111112113	\$ 2,512	KK10111112112	\$ 2,584
12"			KK12111112113	\$ 2,821	KK12111112112	\$ 2,949
14"			KK14111112113	\$ 3,954	KK14111112112	\$ 3,693
16"			KK16111112113	\$ 4,475	KK16111112112	\$ 4,562
18"			KK18111112113	\$ 5,743	KK18111112112	\$ 5,829
20"			KK20111112113	\$ 6,670	KK20111112112	\$ 6,757

MATERIALS OF CONSTRUCTION:

- ♦ Cast Iron Body
- ♦ 3"-8": solid 316 Stainless Steel disc
- ♦ 10" and above: Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ♦ 304 Stainless Steel Shaft
- ♦ Buna-N or EPDM Seat
- ♦ Traveling Nut Actuator (rated @ 450# input torque)
- ♦ 125# Flange Drilling
- ♦ Working Pressure: 150 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Traveling Nut operators
Standard on sizes 20" & down.

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext. epoxy (2-part epoxy)



K-FLO SERIES 500: SIZES 3"-20"

504 (150B+) - 200 PSI 150B FLG x FLG

Ductile Iron body w/ 304 shaft - 125# Flange drilling

SIZE	Lever Operated		Buried Service Nut		Handwheel Actuated	
	Part #	List Price	Part #	List Price	Part #	List Price
3"	KK03122122031	\$ 1,009	KK03122122033	\$ 1,359	KK03122122032	\$ 1,426
4"	KK04122122031	\$ 1,073	KK04122122033	\$ 1,419	KK04122122032	\$ 1,488
6"	KK06122122031	\$ 1,372	KK06122122033	\$ 1,720	KK06122122032	\$ 1,787
8"	KK08122122031	\$ 1,585	KK08122112033	\$ 2,006	KK08122122032	\$ 2,073
10"			KK10121112133	\$ 2,694	KK10121112132	\$ 2,766
12"			KK12121112133	\$ 3,003	KK12121112132	\$ 3,131
14"			KK14121112133	\$ 4,209	KK14121112132	\$ 4,241
16"			KK16121112133	\$ 4,841	KK16121112132	\$ 4,929
18"			KK18121112133	\$ 6,133	KK18121112132	\$ 6,218
20"			KK20121112133	\$ 7,319	KK20121112132	\$ 7,406

MATERIALS OF CONSTRUCTION:

- ♦ Ductile Iron Body
- ♦ 3"-8": solid 316 Stainless Steel disc
- ♦ 10" and above: Ductile Iron Disc
w/316 Stainless Steel Disc Edge
- ♦ 304 Stainless Steel Shaft
- ♦ Buna-N or EPDM Seat
- ♦ Traveling Nut Actuator (rated @ 450# input torque)
- ♦ 150# Flange Drilling
- ♦ Working Pressure: 200 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior

(Add "AV" to Part # ie. KK0373AV)

Open Right Operation

(Add "R" to Part # like KK0372R)

Traveling Nut operators

Standard on sizes 24" & down.

Standard coatings:

3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)

**K-FLO SERIES 500: SIZES 3"-20"**

506 (Class 150), 150B, MJ x MJ				
Cast Iron body w/ 304 shaft				
	Buried Service Nut		Handwheel Actuated	
SIZE	Part #	List Price	Part #	List Price
6"	KK06212112113	\$ 1,638	KK06212112112	\$ 1,705
8"	KK08212112113	\$ 1,851	KK08212112112	\$ 1,919
10"	KK10211112113	\$ 2,512	KK10211112112	\$ 2,584
12"	KK12211112113	\$ 2,821	KK12211112112	\$ 2,949
14"	KK14211112113	\$ 3,954	KK14211112112	\$ 3,693
16"	KK16211112113	\$ 4,475	KK16211112112	\$ 4,562
18"	KK18211112113	\$ 5,743	KK18211112112	\$ 5,829
20"	KK20211112113	\$ 6,670	KK20211112112	\$ 6,757

MATERIALS OF CONSTRUCTION:

- ♦ Cast Iron Body
- ♦ 3"-8": solid 316 Stainless Steel disc
- ♦ 10" and above: Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ♦ 304 Stainless Steel Shaft
- ♦ Buna-N Seat
- ♦ Traveling Nut Actuator (rated @ 450# input torque)
- ♦ Working Pressure: 150 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Traveling Nut operators
Standard on sizes 20" & down.

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext. epoxy (2-part epoxy)



K-FLO SERIES 500: SIZES 3"-20"

506 (150B+) - 200 PSI 150B MJ x MJ						
Ductile Iron body w/ 304 shaft						
	Lever Operated		Buried Service Nut		Handwheel Actuated	
SIZE	Part #	List Price	Part #	List Price	Part #	List Price
6"	KK06222112031	\$ 1,372	KK06222112033	\$ 1,720	KK06222112032	\$ 1,787
8"	KK08222112031	\$ 1,585	KK08222112033	\$ 2,006	KK08222112032	\$ 2,073
10"			KK10221112133	\$ 2,694	KK10221112132	\$ 2,766
12"			KK12221112133	\$ 3,003	KK12221112132	\$ 3,131
14"			KK14221112133	\$ 4,209	KK14221112132	\$ 3,948
16"			KK16221112133	\$ 4,841	KK16221112132	\$ 4,928
18"			KK18221112133	\$ 6,133	KK18221112132	\$ 6,218
20"			KK20221112133	\$ 7,319	KK20221112132	\$ 7,406

MATERIALS OF CONSTRUCTION

- ◆ Ductile Iron Body
- ◆ 3"-8": solid 316 Stainless Steel disc
- ◆ 10" and above: Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ◆ 304 Stainless Steel Shaft
- ◆ Buna-N or EPDM Seat
- ◆ Traveling Nut Actuator (rated @ 450# input torque)
- ◆ 125# Flange Drilling
- ◆ Working Pressure: 200 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior

(Add "Av" to Part # ie. KK0373Av)

Open Right operation

(Add "r" to Part # like KK0372r)

Traveling Nut Operators

Standard on sizes 24" & down.

Standard Coatings:

3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext. epoxy (2-part epoxy)

Crispin Valve

600 Fowler Ave
Berwick PA 18603
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E: sales@crispinvalve.com

City of Oklahoma City and

OCWUT 36-24



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K-FLO SERIES 500: SIZES 3"-20"

509 (150B+) - 200 PSI 150B FLG x MJ		
Ductile Iron body w/ 304 shaft - 150# Flange x MJ End		
	Buried Service Nut	
SIZE	Part #	List Price
6"	KK06422122033	\$ 1,720
8"	KK08422112033	\$ 2,006
12"	KK12421112133	\$ 3,003
16"	KK16421112133	\$ 4,841

MATERIALS OF CONSTRUCTION:

- ♦ Ductile Iron Body
- ♦ 6"-8": solid 316 Stainless Steel disc
- ♦ 10" and above: Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ♦ 304 Stainless Steel Shaft
- ♦ Buna-N or EPDM Seat
- ♦ Traveling Nut Actuator (rated @ 450# input torque)
- ♦ 150# Flange Drilling
- ♦ Working Pressure: 200 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Traveling Nut operators
Standard on sizes 24" & down.

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)



K-FLO SERIES 47: SIZES 24"-168"

473 (Class 150) 150B FLG x FLG				
Cast Iron body w/ 304 shaft				
	Buried Service Nut		Handwheel Actuated	
SIZE	Part #	List Price	Part #	List Price
24"	KK24511112113	\$ 10,645	KK24511112112	\$ 10,645
30"	KK30511112113	\$ 21,496	KK30511112112	\$ 21,496
36"	KK36511112113	\$ 24,902	KK36511112112	\$ 24,902
42"	KK42511112113	\$ 34,977	KK42511112112	\$ 34,977
48"	KK48511112113	\$ 42,327	KK48511112112	\$ 42,327
54"	KK54511112113	\$ 81,330	KK54511112112	\$ 81,330
60"	KK60511112113	\$ 104,275	KK60511112112	\$ 104,275
66"	KK66511112113	\$ 117,715	KK66511112112	\$ 117,715
72"	KK72511112113	\$ 149,340	KK72511112112	\$ 149,340

MATERIALS OF CONSTRUCTION:

- ♦Cast Iron Body
- ♦Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ♦304 Stainless Steel Shaft
- ♦Buna-N Seat
- ♦24" and smaller-Traveling Nut Actuator (rated @ 450 lb input)
- ♦30" and larger-Wormgear Actuator (rated @ 300lb input)
- ♦125# Flange Drilling
- ♦Working Pressure: 150 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior

(Add "AV" to Part # ie. KK0373AV)

Open Right Operation

(Add "R" to Part # like KK0372R)

Wormgear operators

Standard on sizes 30" & up. Call for other sizes

Standard coatings:

3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)

**K-FLO SERIES 47: SIZES 24"-168"**

473 (150B+) - 200 PSI 150B FLG x FLG				
Ductile Iron body w/ 304 shaft - 150# drilling				
SIZE	Buried Service Nut		Handwheel Actuated	
	Part #	List Price	Part #	List Price
24"	KK24521112133	\$ 11,473	KK24521112132	\$ 11,473
30"	KK30521112133	\$ 22,891	KK30521112132	\$ 22,891
36"	KK36521112133	\$ 26,801	KK36521112132	\$ 26,801
42"	KK42521112133	\$ 37,443	KK42521112132	\$ 37,443
48"	KK48521112133	\$ 44,832	KK48521112132	\$ 43,327
54"	KK54521112133	\$ 85,955	KK54521112132	\$ 82,330
60"	KK60521112133	\$ 105,182	KK60521112132	\$ 104,275
66"	KK66521112133	\$ 120,015	KK66521112132	\$ 118,715
72"	KK72521112133	\$ 149,340	KK72521112132	\$ 149,340

MATERIALS OF CONSTRUCTION:

- ◆ Ductile Iron Body
- ◆ Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ◆ 304 Stainless Steel Shaft
- ◆ Buna-N Seat
- ◆ 24" and smaller-Traveling Nut Actuator (rated @ 450 lb input)
- ◆ 30" and larger-Wormgear Actuator (rated @ 300lb input)
- ◆ 150# Flange Drilling
- ◆ Working Pressure: 200 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Wormgear operators
Standard on sizes 30" & up. Call for other sizes

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8
MILS int. & ext.epoxy (2-part epoxy)

**K-FLO SERIES 47: SIZES 24"-168"****476 (Class 150) 150B, MJ x MJ****Cast Iron body w/ 304 shaft**

SIZE	Buried Service Nut		Handwheel Actuated	
	Part #	List Price	List Price	List Price
24"	KK24811112113	\$ 10,645	KK24811112112	\$ 10,645
30"	KK30811112113	\$ 21,496	KK30811112112	\$ 21,496
36"	KK36811112113	\$ 24,902	KK36811112112	\$ 24,902
42"	KK42811112113	\$ 34,977	KK42811112112	\$ 34,977
48"	KK48811112113	\$ 42,327	KK48811112112	\$ 42,327

MATERIALS OF CONSTRUCTION:

- ♦ Cast Iron Body
- ♦ Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ♦ 304 Stainless Steel Shaft
- ♦ Buna-N Seat
- ♦ 24" and smaller-Traveling Nut Actuator (rated @ 450 lb input)
- ♦ 30" and larger-Wormgear Actuator (rated @ 300lb input)
- ♦ 125# Flange Drilling
- ♦ Working Pressure: 150 p.s.i.

ADDITIONAL OPTIONS AVAILABLE**Asphalt Varnish Exterior**

(Add "AV" to Part # ie. KK0373AV)

Open Right Operation

(Add "R" to Part # like KK0372R)

Wormgear operators

Standard on sizes 30" & up. Call for other sizes

Standard coatings:

3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)



K-FLO SERIES 47: SIZES 24"-168"

476 (150B+) - 200 PSI -- MJ Ends				
Ductile Iron body w/ 304 shaft				
	Buried Service Nut		Handwheel Actuated	
SIZE	Part #	List Price	Part #	List Price
24"	KK24821112133	\$ 7,752	KK24821112132	\$ 11,473
30"	KK30821112133	\$ 15,467	KK30821112132	\$ 22,891
36"	KK36821112133	\$ 18,109	KK36821112132	\$ 26,801
42"	KK42821112133	\$ 25,299	KK42821112132	\$ 37,443
48"	KK48821112133	\$ 30,292	KK48821112132	\$ 44,832

MATERIALS OF CONSTRUCTION:

- ♦ Ductile Iron Body
- ♦ Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ♦ 304 Stainless Steel Shaft
- ♦ Buna-N Seat
- ♦ 24" and smaller-Traveling Nut Actuator (rated @ 450 lb input)
- ♦ 30" and larger-Wormgear Actuator (rated @ 300lb input)
- ♦ 150# Flange Drilling
- ♦ Working Pressure: 200 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Wormgear operators
Standard on sizes 30" & up. Call for other sizes

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)

**K-FLO SERIES 500: SIZES 3"-20"**

504HP (250B) - 250 PSI FLG x FLG						
Ductile Iron body w/ 17-4 shaft - 125# flange drilling						
SIZE	Lever Operated		Buried Service Nut		Handwheel Actuated	
	Part #	List Price	Part #	List Price	Part #	List Price
3"	KK03122312021	\$ 1,042	KK03122312023	\$ 1,391	KK03122312022	\$ 1,459
4"	KK04122312021	\$ 1,109	KK04122312023	\$ 1,456	KK04122312022	\$ 1,525
6"	KK06122312021	\$ 1,515	KK06122312023	\$ 1,863	KK06122312022	\$ 1,930
8"	KK08122312021	\$ 1,740	KK08122312023	\$ 2,160	KK08122312022	\$ 2,228
10"			KK10121312123	\$ 2,908	KK10121312122	\$ 2,980
12"			KK12121312123	\$ 3,330	KK12121312122	\$ 3,458
14"			KK14121312123	\$ 4,827	KK14121312122	\$ 4,556
16"			KK16121312123	\$ 5,467	KK16121312122	\$ 5,554
18"			KK18121312123	\$ 7,039	KK18121312122	\$ 7,125
20"			KK20121312123	\$ 8,497	KK20121312122	\$ 8,584

MATERIALS OF CONSTRUCTION:

- ♦ Ductile Iron Body
- ♦ 3"-8": solid 316 Stainless Steel disc
- ♦ 10" and above: Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ♦ 17-4 Stainless Steel Shaft
- ♦ Buna-N or EPDM Seat
- ♦ Traveling Nut Actuator (rated @ 450# input torque)
- ♦ 150# Flange Drilling
- ♦ Working Pressure: 250 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Traveling Nut operators
Standard on sizes 24" & down.

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)

**K-FLO SERIES 500: SIZES 3"-20"**

506 HP (Class 250), MJ x MJ - HP				
Ductile Iron body w/ 17-4 shaft				
Buried Service Nut			Handwheel Actuated	
SIZE	Part #	List Price	Part #	List Price
6"	KK06222312023	\$ 1,814	KK06222312022	\$ 1,881
8"	KK08222312023	\$ 2,099	KK08222312022	\$ 2,167
10"	KK10221312123	\$ 2,831	KK10221312122	\$ 2,903
12"	KK12221312123	\$ 3,218	KK12221312122	\$ 3,346
14"	KK14221312123	\$ 4,503	KK14221312122	\$ 4,242
16"	KK16221312123	\$ 5,250	KK16221312122	\$ 5,337
18"	KK18221312123	\$ 6,735	KK18221312122	\$ 6,821
20"	KK20221312123	\$ 8,094	KK20221312122	\$ 8,181

MATERIALS OF CONSTRUCTION:

- ♦ Ductile Iron Body
- ♦ 3"-8": solid 316 Stainless Steel disc
- ♦ 10" and above: Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ♦ Buna-N or EPDM Seat
- ♦ 17-4 Stainless Steel Shaft

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Traveling Nut operators
Standard on sizes 24" & down.

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)



K-FLO SERIES 500: SIZES 3"-20"

507 - 250B FLG x FLG - List Price						
Ductile Iron body w/ 17-4 stem - Full 250# flanges						
SIZE	Lever Operated		Buried Service Nut		Handwheel Actuated	
	Part #	List Price	Part #	Sell Price	Part #	List Price
4"	KK04322312021	\$ 2,533	KK04322312023	\$ 3,159	KK04322312022	\$ 3,159
6"	KK06322312021	\$ 3,309	KK06322312023	\$ 4,100	KK06322312022	\$ 4,100
8"	KK08322312021	\$ 3,746	KK08322312023	\$ 4,419	KK08322312022	\$ 4,419
10"			KK10321312123	\$ 4,978	KK10321312122	\$ 4,978
12"			KK12321312123	\$ 6,341	KK12321312122	\$ 6,341
14"			KK14321312123	\$ 7,306	KK14321312122	\$ 7,306
16"			KK16321312123	\$ 7,923	KK16321312122	\$ 7,923
18"			KK18321312123	\$ 9,875	KK18321312122	\$ 9,875
20"			KK20321312123	\$ 11,662	KK20321312122	\$ 11,662

MATERIALS OF CONSTRUCTION:

- ♦ Cast or Ductile Iron Body
- ♦ 3"-8": solid 316 Stainless Steel disc
- ♦ 10" and above: Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ♦ 17-4ph Shaft
- ♦ Buna-N or EPDM Seat
- ♦ Traveling Nut Actuator (rated @ 450# input torque)
- ♦ Full 250# Flange Drilling
- ♦ Working Pressure: 250 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Traveling Nut operators
Standard on sizes 20" & down.

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)



K-FLO SERIES 47: SIZES 24"-168"

473HP (250B) - 250 PSI FLG x FLG				
Ductile Iron body w/ 17-4 shaft - Flg drilled 125#				
	Buried Service Nut		Handwheel Actuated	
SIZE	Part #	List Price	Part #	List Price
24"	KK24521312123	\$ 13,246	KK24521312122	\$ 13,246
30"	KK30521312123	\$ 25,992	KK30521312122	\$ 25,992
36"	KK36521312123	\$ 31,823	KK36521312122	\$ 31,823
42"	KK42521312123	\$ 43,942	KK42521312122	\$ 43,942
48"	KK48521312123	\$ 54,878	KK48521312122	\$ 54,878
54"	KK54521312123	\$ 99,693	KK54521312122	\$ 99,693
60"	KK60521312123	\$	KK60521312122	\$
66"	KK66521312123	\$	KK66521312122	\$
72"	KK72521312123	\$	KK72521312122	\$

MATERIALS OF CONSTRUCTION:

- ◆ Ductile Iron Body
- ◆ Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ◆ 17-4 Stainless Steel Shaft
- ◆ Buna-N Seat
- ◆ 473HP All Sizes -Wormgear Actuator (rated @ 300lb input)
- ◆ 150# Flange Drilling
- ◆ Working Pressure: 250 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior

(Add "AV" to Part # ie. KK0373AV)

Open Right Operation

(Add "R" to Part # like KK0372R)

Wormgear operators

Standard on sizes 30" & up. Call for other sizes

Standard coatings:

3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)



K-FLO SERIES 47: SIZES 24"-168"

475 (Class 250) 250B FLG x FLG				
Ductile Iron body w/ 17-4 shaft - Full 250# flg drilling				
	Burried Service Nut		Handwheel Actuated	
SIZE	Part #	List Price	Part #	List Price
24"	KK24721312123	\$ 23,637	KK24721312122	\$ 23,637
30"	KK30721312123	\$ 32,853	KK30721312122	\$ 32,853
36"	KK36721312123	\$ 44,247	KK36721312122	\$ 44,247
42"	KK42721312123	\$ 54,163	KK42721312122	\$ 54,163
48"	KK48721312123	\$ 65,962	KK48721312122	\$ 65,962

MATERIALS OF CONSTRUCTION:

- ♦ Ductile Iron Body
- ♦ Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ♦ 17-4 Stainless Steel Shaft
- ♦ Buna-N Seat
- ♦ 475 All Sizes -Wormgear Actuator (rated @ 300lb input)
- ♦ 250# Flange Drilling
- ♦ Working Pressure: 250 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Wormgear operators
Standard on sizes 24" & up. Call for other sizes

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)

**K-FLO SERIES 47: SIZES 24"-168"**

476HP (250B) - 250 PSI W/ Ductile Iron Body -- MJ Ends				
Ductile Iron body w/ 17-4 shaft				
SIZE	Buried Service Nut		Handwheel Actuated	
	Part #	List Price	Part #	List Price
24"	KK24821312123	\$ 13,246	KK24821312122	\$ 13,246
30"	KK30821312123	\$ 25,992	KK30821312122	\$ 25,992
36"	KK36821312123	\$ 31,823	KK36821312122	\$ 31,823
42"	KK42821312123	\$ 43,942	KK42821312122	\$ 43,942
48"	KK48821312123	\$ 54,878	KK48821312122	\$ 54,878

MATERIALS OF CONSTRUCTION:

- ◆ Ductile Iron Body
- ◆ Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ◆ 17-4 Stainless Steel Shaft
- ◆ Buna-N Seat
- ◆ 476HP All Sizes -Wormgear Actuator (rated @ 300lb input)
- ◆ Working Pressure: 250 p.s.i.

ADDITIONAL OPTIONS AVAILABLE**Asphalt Varnish Exterior**

(Add "AV" to Part # ie. KK0373AV)

Open Right Operation

(Add "R" to Part # like KK0372R)

Wormgear operators

Standard on sizes 30" & up. Call for other sizes

Standard coatings:

3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)



K-FLO SERIES 474: SIZES 24"-54"

474(150B) - 150 PSI FLG x FLG				
Ductile Iron body w/ 304 shaft - Flg drilled 150#--Epoxy Retained Seat				
SIZE	Buried Service Nut		Handwheel Actuated	
	Part #	List Price	Part #	List Price
24"	KK24621112113	\$ 11,177	KK24621112112	\$ 11,177
30"	KK30621112113	\$ 22,572	KK30621112112	\$ 22,572
36"	KK36621112113	\$ 26,148	KK36621112112	\$ 26,148
42"	KK42621112113	\$ 36,726	KK42621112112	\$ 36,726
48"	KK48621112113	\$ 44,443	KK48621112112	\$ 44,443
54"	KK54621112113	\$ 85,396	KK54621112112	\$ 85,396
60"	Consult Factory	\$	Consult Factory	\$
66"	Consult Factory	\$	Consult Factory	\$
72"	Consult Factory	\$	Consult Factory	\$

MATERIALS OF CONSTRUCTION:

- ◆ Ductile Iron Body
- ◆ Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ◆ 304 Stainless Steel Shaft
- ◆ Buna-N Seat
- ◆ 24" and smaller-Traveling Nut Actuator (rated @ 450 lb input)
- ◆ 30" and larger-Wormgear Actuator (rated @ 300lb input)
- ◆ 150# Flange Drilling
- ◆ Working Pressure: 150 p.s.i.

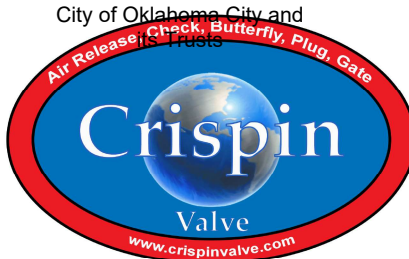
ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Wormgear operators
Standard on sizes 30" & up. Call for other sizes

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)



K-FLO SERIES 477: SIZES 24"-168"

477 150B, MJ x MJ				
Ductile Iron body w/ 304 shaft--Epoxy Retained Seat				
	Buried Service Nut		Handwheel Actuated	
SIZE	Part #	List Price	Part #	List Price
24"	KK24921112113	\$ 11,177	KK24921112112	\$ 11,177
30"	KK30921112113	\$ 22,572	KK30921112112	\$ 22,572
36"	KK36921112113	\$ 26,147	KK36921112112	\$ 26,147
42"	KK4292112113	\$ 36,726	KK42921112112	\$ 36,726
48"	KK48921112113	\$ 44,443	KK48921112112	\$ 44,443

MATERIALS OF CONSTRUCTION:

- Ductile Iron Body
- Ductile Iron Disc w/316 Stainless Steel Disc Edge
- 304 Stainless Steel Shaft
- Buna-N or EPDM Seat
- 24" and smaller-Traveling Nut Actuator (rated @ 450 lb input)
- 30" and larger-Wormgear Actuator (rated @ 300lb input)
- Working Pressure: 150 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior
(Add "AV" to Part # ie. KK0373AV)

Open Right Operation
(Add "R" to Part # like KK0372R)

Wormgear operators
Standard on sizes 30" & up. Call for other sizes

Standard coatings:
3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)



K-FLO SERIES 474HP: SIZES 24"-54"

474HP (250B) - 250 PSI FLG x FLG				
Ductile Iron body w/ 17-4ph shaft - Flg drilled 150#--Epoxy Retained Seat				
SIZE	Buried Service Nut		Handwheel Actuated	
	Part #	List Price	Part #	List Price
24"	KK24621312123	\$ 13,908	KK24621312122	\$ 13,908
30"	KK30621312123	\$ 27,293	KK30621312122	\$ 27,293
36"	KK36621312123	\$ 33,414	KK36621312122	\$ 33,414
42"	KK42621312123	\$ 46,139	KK42621312122	\$ 46,139
48"	KK48621312123	\$ 57,623	KK48621312122	\$ 57,623
54"	KK54621312123	\$ 104,678	KK54621312122	\$ 104,678
60"	Consult Factory	\$	Consult Factory	\$
66"	Consult Factory	\$	Consult Factory	\$
72"	Consult Factory	\$	Consult Factory	\$

MATERIALS OF CONSTRUCTION:

- ◆ Ductile Iron Body
- ◆ Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ◆ 17-4ph Stainless Steel Shaft
- ◆ Buna-N Seat
- ◆ 474HP All Sizes - Wormgear Actuator (rated @ 300# input torque)
- ◆ 150# Flange Drilling
- ◆ Working Pressure: 250 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior

(Add "AV" to Part # ie. KK0373AV)

Open Right Operation

(Add "R" to Part # like KK0372R)

Wormgear operators

Standard on sizes 24" & up. Call for other sizes

Standard coatings:

3"-20": 8 MILS exterior epoxy; 24" & up: 8 MILS int. & ext.epoxy (2-part epoxy)



K-FLO SERIES 477HP: SIZES 24"-168"

477HP 250B, MJ x MJ				
Ductile Iron body w/ 17-4ph shaft--Epoxy Retained Seat				
SIZE	Buried Service Nut		Handwheel Actuated	
	Part #	LIST Price	Part #	LIST Price
24"	KK24921312123	\$ 13,908	KK24921312122	\$ 13,908
30"	KK30921312123	\$ 27,293	KK30921312122	\$ 27,293
36"	KK36921312123	\$ 33,414	KK36921312122	\$ 33,414
42"	KK42921312123	\$ 46,139	KK42921312122	\$ 46,139
48"	KK48921312123	\$ 57,623	KK48921312122	\$ 57,623

MATERIALS OF CONSTRUCTION:

- ◆ Ductile Iron Body
- ◆ Ductile Iron Disc w/316 Stainless Steel Disc Edge
- ◆ 17-4ph Stainless Steel Shaft
- ◆ Buna-N Seat
- ◆ Wormgear Actuator (rated @ 300lb input)
- ◆ Working Pressure: 250 p.s.i.

ADDITIONAL OPTIONS AVAILABLE

Asphalt Varnish Exterior

(Add "AV" to Part # ie. KK0373AV)

Open Right Operation

(Add "R" to Part # like KK0372R)

Wormgear operators

Standard on sizes 30" & up. Call for other sizes

Standard coatings:

3"-8": 8 MILS exterior epoxy; 10" & up: 8 MILS int. & ext.epoxy (2-part epoxy)



ASSEMBLED VALVES WEIGHTS

VALVE SIZE	VALVE WEIGHT	STANDARD GEAR	GEAR WEIGHT	TOTAL WEIGHT
3	29	TNA-B	23	52
4	48	TNA-B	23	71
6	58	TNA-C	32	90
8	96	TNA-C	32	128
10	150	TNA-C	32	182
12	204	TNA-C	32	236
14	267	TNA-D	65	332
16	354	TNA-D	65	419
18	433	TNA-D	65	498
20	586	TNA-D	65	651
24	740	IW6R	150	825
30	1350	IW6R	150	1510
36	2155	IW6R	150	2315
42	2880	IW7R	335	3125
48	4035	IW7R	335	4375
54	5350	IW8R	545	5855
60	7156	IW8R	545	7750
66	8469	IW8R	545	9093
72	10173	IW9R	755	10947
78	12200	IW10R	995	13234
84	16694	IW10R	995	17728
90	22215	IW12R	2650	25180
96	25960	IW12R	2650	28965



Keeping the World Flowing
for Future Generations

Jan 25, 2024

ATT: Alan Johnson / Jeff Adams

C/O: City of Oklahoma City, OK

I hereby confirm that Rotork Controls Inc. is the sole manufacturer of Rotork products in the United States of America, Canada, Mexico and South America.

Environmental Improvements is the sole distributor of Rotork products to any company in the region of Oklahoma.

Environmental Improvements is authorized to commission Rotork products as well as, in conjunction with Rotork Site Services (RSS), service and maintain Rotork products.

The full Rotork service and supply warranty will apply on any product sold through Environmental Improvements and serviced or repaired by RSS.

Kind regards,

A handwritten signature in black ink, appearing to read "Anthony P. Miller".

Anthony P. Miller

Sector Manager – Water & Power US

Tony.miller@rotork.com 414-975-1750

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1811 Brittmoore Rd. Suite 100, Houston, TX, 77494, USA

+1 281 546 1153 kevin.froneman@rotork.com www.rotork.com

Company Registration Information

Supplier: **ENVIRONMENTAL IMPROVEMENTS, INC. (ei2)****OCWUT 36-24 Fire Hydrants, Valves, Repair Kits, & Services****BID FORM A - Technical Questionnaire
(use a separate for each hydrant brand)**

Bidders are to indicate compliance in the appropriate box, if applicable. Bidders should use the comments area for any and all exceptions.

A. Traffic Model Fire Hydrants, Selective Requirements	Compliance
1. Brand and Model of Hydrant	
2. Working Pressure: 150 PSI	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Size of Valve Opening: 5 ¼"	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Direction of Opening: Left (Counter-Clockwise)	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Size & Shape of Operating Nuts: 1 ½" Pentagonal	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Size & Shape of Nozzle Cap Nuts: 1 ½" Pentagonal	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. Hose Nozzle Threads: OKC Standard	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. Pumper Nozzle Threads: OKC Standard	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. Size & Type of Inlet Connection: 6" Mechanical Joint w/All Accessories	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. 2 ½" Hose Nozzle: Two (2) Each	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. 5" Pumper Nozzle: One (1) Each	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. Nozzle Cap Chains are Required	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. Paint: Minimum Two (2) coats of international orange paint, Pittsburgh first line or approved equivalent.	<input type="checkbox"/> Yes <input type="checkbox"/> No
B. Traffic Model Fire Hydrants, Design Requirements	Compliance
1. Weather Bonnet	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. Nozzle Attachment to Barrel: Mechanically Attached (No Lead-in)	<input type="checkbox"/> Yes <input type="checkbox"/> No

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3. Upper Valve Plate Material: Bronze	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Seat Ring Material: Bronze	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Seat Ring Thread Engagement: Bronze to Bronze	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Barrel Drain way: Bronze	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. Shoe Protection: Epoxy Coating	<input type="checkbox"/> Yes <input type="checkbox"/> No

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C. Comments (Indicate item number/name of part and describe exception)	

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Solicitation OCWUT 36-24

Fire Hydrants, Valves, Repair Kits, & Services

Bid Designation: Public



The City of
OKLAHOMA CITY

City of Oklahoma City and its Trusts

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Bid OCWUT 36-24
Fire Hydrants, Valves, Repair Kits, & Services

Bid Number **OCWUT 36-24**
Bid Title **Fire Hydrants, Valves, Repair Kits, & Services**
Expected Expenditure **\$1,200,000.00** (This price is expected - not guaranteed)

Bid Start Date **Mar 27, 2024 7:37:21 AM CDT**
Bid End Date **May 1, 2024 10:00:00 AM CDT**
Question & Answer End Date **Apr 19, 2024 10:00:00 AM CDT**

Bid Contact **Rebecca Cavnar**
rebecca.cavnar@okc.gov

Bid Contact **City Clerk**
cityclerk@okc.gov

Bid Contact **Mark Keesee**
mark.keesee@okc.gov

Bid Contact **Stephen Krausnick**
stephen.krausnick@okc.gov

Contract Duration **3 years**
Contract Renewal **1 annual renewal**
Prices Good for **12 months**

Standard Disclaimer **This site and system is hosted by Oklahoma City through BIDSYNC for use of The City of Oklahoma City and its trusts.**
Certain screens and flags may show the name and/or seal of The City; however, such references do not indicate or change the contracting entity.

Bid Comments **The expected expenditure amount of \$1,200,000 for these commodities is an estimate for a one-year period based on past history and future projections. The quantity of any item when shown in the price schedule as an estimate of an annual requirement is only an estimate based on currently available information. The purchase of any such item or quantity is not guaranteed. Any offer conditioned upon a promise by the Contracting Entity to purchase a minimum or definite quantity of such an item will be rejected. See the specification bid packet for more information.**

Item Response Form

Item **OCWUT 36-24--01-01 - Group 1: Traffic Model Fire Hydrants: Traffic Model Fire Hydrants depth of bury 3 foot**
Quantity **1 each**

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Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--01-02 - Group 1: Traffic Model Fire Hydrants: Traffic Model Fire Hydrants depth of bury 4 foot**
Quantity **1 each**
Percentage
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--01-03 - Group 1: Traffic Model Fire Hydrants: Traffic Model Fire Hydrants depth of bury 4.5 foot**
Quantity **1 each**
Percentage
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--01-04 - Group 1: Traffic Model Fire Hydrants: Traffic Model Fire Hydrants depth of bury 5 foot**
Quantity **1 each**
Percentage
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

OCWUT 36-24--01-03-04

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--01-05 - Group 1: Traffic Model Fire Hydrants: Traffic Model Fire Hydrants depth of bury 6 foot
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--02-01 - Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 16 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--02-02 - Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 18 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--02-03 - Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 20 inch
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Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--02-04 - Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 24 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--02-05 - Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 30 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--02-06 - Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 36 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

OCWUT 36-24--02-06

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-02-07 - Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 48 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-02-08 - Group 2: Ductile Iron Bodied Butterfly Valves: Butterfly valve with accessories 6 inch - 56 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-03-01 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 2 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

OCWUT 00034

Item **OCWUT 36-24--03-02 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 3 inch**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--03-03 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 4 inch**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--03-04 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 6 inch**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--03-05 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 8 inch**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
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Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-03-06 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 10 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-03-07 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 12 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-03-08 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 14 inch
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

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Item **OCWUT 36-24--03-09 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 16 inch**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--03-10 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 18 inch**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
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Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--03-11 - Group 3: Ductile Iron Bodied Gate Valves & Tapping Valves: Gate Valve complete with accessories 20 inch - 56 inch**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-01 - Group 4: Mechanical Joint Valves: ABZ Mastergear Valve Operators and Valves**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
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Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-02 - Group 4: Mechanical Joint Valves: Allis Chalmers Valve Operators and Valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-03 - Group 4: Mechanical Joint Valves: American Valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-04 - Group 4: Mechanical Joint Valves: APCO Valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

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Item **OCWUT 36-24--04-05 - Group 4: Mechanical Joint Valves: ARI - Air Relief Valves**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-06 - Group 4: Mechanical Joint Valves: ASCO Valves**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-07 - Group 4: Mechanical Joint Valves: ASCO: 1-way, normally closed**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-08 - Group 4: Mechanical Joint Valves: ASCO: 1-way, normally open**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

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Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-09 - Group 4: Mechanical Joint Valves: ASCO: 3-way, 2 position
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-10 - Group 4: Mechanical Joint Valves: ASCO: 4-way, 2 position
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-11 - Group 4: Mechanical Joint Valves: Auma valves and operators
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-12 - Group 4: Mechanical Joint Valves: Bailey Valve Positioners
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s)

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Oklahoma City OK 73102
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Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-13 - Group 4: Mechanical Joint Valves: Bermed Valve, Parts, and Controls
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)
	N/A
	Oklahoma City OK 73102
	Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-14 - Group 4: Mechanical Joint Valves: Chapman Valve Operators and Valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)
	N/A
	Oklahoma City OK 73102
	Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-15 - Group 4: Mechanical Joint Valves: Check Valves 4 inch to 24 inch flanged
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)
	N/A
	Oklahoma City OK 73102
	Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-16 - Group 4: Mechanical Joint Valves: Cla-val Altitude Valves
Quantity	1 each
Percentage	<input type="text"/>

OCWUT 36-24-00034

Delivery Location **City of Oklahoma City and its Trusts**[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-17 - Group 4: Mechanical Joint Valves: Cla-val Globe Valves**Quantity **1 each**Percentage Delivery Location **City of Oklahoma City and its Trusts**[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-18 - Group 4: Mechanical Joint Valves: Cla-val Pump Control Valves - Booster Type**Quantity **1 each**Percentage Delivery Location **City of Oklahoma City and its Trusts**[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-19 - Group 4: Mechanical Joint Valves: Cla-val Pilot Valves, 4 inch to 12 inch**Quantity **1 each**Percentage Delivery Location **City of Oklahoma City and its Trusts**[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-20 - Group 4: Mechanical Joint Valves: Cla-Val Replacement Parts/Kits**Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-21 - Group 4: Mechanical Joint Valves: Cla-val Valves, Parts, and Controls**
Quantity **1 each**
Percentage
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-22 - Group 4: Mechanical Joint Valves: Cla-val Needle Valve Assemblies**
Quantity **1 each**
Percentage
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-23 - Group 4: Mechanical Joint Valves: Cla-val flow clean strainer, straight & angled, x47 model**
Quantity **1 each**
Percentage
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

OCWUT 36-24-00034

Item	OCWUT 36-24-04-24 - Group 4: Mechanical Joint Valves: Cla-val model x105L, x105L2, limit switch assemblies
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-25 - Group 4: Mechanical Joint Valves: Cla-val 3/8 inch to 24 inch pressure relief/control valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-26 - Group 4: Mechanical Joint Valves: Cla-val solenoid control valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-27 - Group 4: Mechanical Joint Valves: Clayton valve operators, positioners, and valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A

Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-28 - Group 4: Mechanical Joint Valves: Clow Valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-29 - Group 4: Mechanical Joint Valves: Clow Valves, 6 inch to 12 inch, flanged
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-30 - Group 4: Mechanical Joint Valves: Crispin Valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--04-31 - Group 4: Mechanical Joint Valves: Darling gate valves 4 inch to 24 inch, flanged
Quantity	1 each

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Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-32 - Group 4: Mechanical Joint Valves: Darling valve operators and valves**
Quantity **1 each**
Percentage
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-33 - Group 4: Mechanical Joint Valves: DeZurik Valves**
Quantity **1 each**
Percentage
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-34 - Group 4: Mechanical Joint Valves: EIM Valve Operators**
Quantity **1 each**
Percentage
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

OCWUT 36-24-04-34

Item **OCWUT 36-24--04-35 - Group 4: Mechanical Joint Valves: Golden Anderson Valves****Quantity** **1 each****Percentage** **Delivery Location** **City of Oklahoma City and its Trusts**[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-36 - Group 4: Mechanical Joint Valves: Hydro Gate Valves****Quantity** **1 each****Percentage** **Delivery Location** **City of Oklahoma City and its Trusts**[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-37 - Group 4: Mechanical Joint Valves: Kennedy Valves 6 inch to 24 inch****Quantity** **1 each****Percentage** **Delivery Location** **City of Oklahoma City and its Trusts**[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-38 - Group 4: Mechanical Joint Valves: Keystone valve operators and valves****Quantity** **1 each****Percentage** **Delivery Location** **City of Oklahoma City and its Trusts**[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

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OCWUT 36-24-04-39-04-40-41-42

Item	OCWUT 36-24-04-39 - Group 4: Mechanical Joint Valves: Kinetrol Pneumatic Valve Operators
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)
	N/A
	Oklahoma City OK 73102
	Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-40 - Group 4: Mechanical Joint Valves: Kunkle Valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)
	N/A
	Oklahoma City OK 73102
	Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-41 - Group 4: Mechanical Joint Valves: Kytronics Valves Positioners
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)
	N/A
	Oklahoma City OK 73102
	Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-42 - Group 4: Mechanical Joint Valves: Limitorque Valve Positioners
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)
	N/A
	Oklahoma City OK 73102
	Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list,

or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-43 - Group 4: Mechanical Joint Valves: Ludlow Valves**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-44 - Group 4: Mechanical Joint Valves: Mercoid: Pressure Adjustment Switches**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-45 - Group 4: Mechanical Joint Valves: Miller Valve Operators**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-46 - Group 4: Mechanical Joint Valves: Mueller Valve Operators**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

OCWUT 36-24-00034

N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-47 - Group 4: Mechanical Joint Valves: Parker Hannifir Valve Operators
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-48 - Group 4: Mechanical Joint Valves: Pratt Butterfly Valves 4 inch to 24 inch, flanged
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-49 - Group 4: Mechanical Joint Valves: Pratt Butterfly Valves 4 inch to 24 inch, non-flanged
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-50 - Group 4: Mechanical Joint Valves: Pratt Valve Operators and Valves
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Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-51 - Group 4: Mechanical Joint Valves: Rensselaer check valves 6 inch to 20 inch, flanged
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-52 - Group 4: Mechanical Joint Valves: Rodney Hunt Valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-04-53 - Group 4: Mechanical Joint Valves: Ross Valves
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

OCWUT 36-24-04-51-04-52-04-53-04

Item **OCWUT 36-24--04-54 - Group 4: Mechanical Joint Valves: Rototork: Valve Actuators**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-55 - Group 4: Mechanical Joint Valves: Sluce Gate Valves**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-56 - Group 4: Mechanical Joint Valves: Val-matic Valves**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-57 - Group 4: Mechanical Joint Valves: Verse Valve Operators**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list,

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or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--04-58 - Group 4: Mechanical Joint Valves: Xomox Valves**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--05-01 - Group 5: Hydrant and Valve Repair Parts: American Darling Model B-62 Repair Parts, Tools, and/or Accessories**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--05-02 - Group 5: Hydrant and Valve Repair Parts: American Darling Model B-84 Repair Parts, Tools, and/or Accessories**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24--05-03 - Group 5: Hydrant and Valve Repair Parts: American Darling Gate and Tapping Valve Repair Parts**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**

OCWUT 36-24-034

[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-05-04 - Group 5: Hydrant and Valve Repair Parts: Mueller A-423 Centurion Repair Parts, Tools, and Accessories
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Quantity	1 each
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Percentage	<input type="text"/>
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Delivery Location	City of Oklahoma City and its Trusts
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[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-05-05 - Group 5: Hydrant and Valve Repair Parts: Mueller Valve Operators, Gate, and Tapping Valves
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Quantity	1 each
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Percentage	<input type="text"/>
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Delivery Location	City of Oklahoma City and its Trusts
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[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-05-06 - Group 5: Hydrant and Valve Repair Parts: U.S. Pipe Gate and Tapping Valves Repair Parts, Tools, & Accessories
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Quantity	1 each
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Percentage	<input type="text"/>
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Delivery Location	City of Oklahoma City and its Trusts
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[See Bid Packet for Location\(s\)](#)

N/A

Oklahoma City OK 73102

Qty 1**Description**

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24-05-07 - Group 5: Hydrant and Valve Repair Parts: U.S. Pipe Metro Large Barrel Pre-1994
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Repair Parts, Tools, & Accessories

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24-05-08 - Group 5: Hydrant and Valve Repair Parts: U.S. Pipe Metro Small Barrel Pre-1994 Repair Parts, Tools, & Accessories**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24-05-09 - Group 5: Hydrant and Valve Repair Parts: U.S. Pipe Sentinel Repair Parts, Tools, & Accessories**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item **OCWUT 36-24-05-10 - Group 5: Hydrant and Valve Repair Parts: M&H 129 Reliant Repair Parts, Tools, & Accessories**

Quantity **1 each**

Percentage

Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--05-11 - Group 5: Hydrant and Valve Repair Parts: M&H Gate and Tapping Valve Repair Parts
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--05-12 - Group 5: Hydrant and Valve Repair Parts: Clow F2500 Repair Parts, Tools, and Accessories
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--05-13 - Group 5: Hydrant and Valve Repair Parts: Clow Gate and Tapping Valve Repair Parts, Tools, & Accessories
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts See Bid Packet for Location(s) N/A Oklahoma City OK 73102 Qty 1

Description

Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--05-14 - Group 5: Hydrant and Valve Repair Parts: Clow Medallion Repair Parts, Tools, & Accessories
Quantity	1 each
Percentage	<input type="text"/>

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Delivery Location

City of Oklahoma City and its Trusts

See Bid Packet for Location(s)

N/A

Oklahoma City OK 73102

Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item

OCWUT 36-24--05-15 - Group 5: Hydrant and Valve Repair Parts: Kennedy Gate and Tapping Valve Repair Parts, Tools, & Accessories

Quantity

1 each

Percentage

Delivery Location

City of Oklahoma City and its Trusts

See Bid Packet for Location(s)

N/A

Oklahoma City OK 73102

Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item

OCWUT 36-24--05-16 - Group 5: Hydrant and Valve Repair Parts: Kennedy K-81 Guardian Repair Parts, Tools, & Accessories

Quantity

1 each

Percentage

Delivery Location

City of Oklahoma City and its Trusts

See Bid Packet for Location(s)

N/A

Oklahoma City OK 73102

Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item

OCWUT 36-24--05-17 - Group 5: Hydrant and Valve Repair Parts: Pratt Butterfly Valves Repair Parts, Tools, & Accessories

Quantity

1 each

Percentage

Delivery Location

City of Oklahoma City and its Trusts

See Bid Packet for Location(s)

N/A

Oklahoma City OK 73102

Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

OCWUT 36-24

OCWUT 36-24-05-18-05-19-05-20-06-01

Item	OCWUT 36-24--05-18 - Group 5: Hydrant and Valve Repair Parts: Vertical shoe for hydrants
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)
	N/A
	Oklahoma City OK 73102
	Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--05-19 - Group 5: Hydrant and Valve Repair Parts: EJ (East Jordan) Watermaster 5CD250 Repair, parts, Tools, and/or Accessories
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)
	N/A
	Oklahoma City OK 73102
	Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--05-20 - Group 5: Hydrant and Valve Repair Parts: EJ (East Jordan) Flowmaster RW Repair, Parts, Tools, & Accessories
Quantity	1 each
Percentage	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)
	N/A
	Oklahoma City OK 73102
	Qty 1

Description
Enter price list less discount percentage or fixed price for this item. When bidding discount percentage bidders must attach a catalog, price list, or website showing pricing for these items. Enter YES/NO in the Buyer Note field if bidder is a manufacturer or Authorized Distributor.

Item	OCWUT 36-24--06-01 - Group 6: Shop Labor: Shop Labor
Quantity	1 hour
Unit Price	<input type="text"/>
Delivery Location	City of Oklahoma City and its Trusts
	See Bid Packet for Location(s)

N/A
Oklahoma City OK 73102
Qty 1

Description

Enter price per hour for shop labor.

Item **OCWUT 36-24--06-02 - Group 6: Shop Labor: Shop Labor**
Quantity **1 hour**
Unit Price
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

Bidders are to specify (YES/NO) in the Bidder's Comment Field whether they can meet the 24 hour service call response time per the specifications. If your company cannot meet the specified time, please note your emergency call response time.

Item **OCWUT 36-24--07-01 - Group 7: Federal Acquisition Regulations: Federal Acquisition Regulations**
Lot Description **FAR clauses**
Quantity **1 each**
Prices are not requested for this item.
Delivery Location **City of Oklahoma City and its Trusts**
[See Bid Packet for Location\(s\)](#)
N/A
Oklahoma City OK 73102
Qty 1

Description

I am willing to provide goods in accordance with the Federal Acquisition Regulations (FAR) contract clauses as it applies to goods and is attached to this bid as Exhibit A. Participation is optional, but must be indicated by YES/NO.

OCWUT 36-24-06-02-03-4

**BID/PRICING AGREEMENT/CONTRACT FORM & NON-DISCRIMINATION
STATEMENT**
**BIDDER MUST ELECTRONICALLY COMPLETE, SIGN AND NOTARIZE THIS
DOCUMENT PRIOR TO SUBMITTING IN THE ELECTRONIC BID SYSTEM**

**Please be aware that typing in your password acts as your electronic signature, which is
just as legal and binding as an original signature.**

(See Electronic Signatures in Global and National Commerce Act for more information.)

**THIS DOCUMENT MUST BE ELECTRONICALLY SIGNED AND SUBMITTED WITH THE BID
OR THE BID WILL BE REJECTED**

INSTRUCTIONS: This document MUST be electronically signed and submitted with the bid for the bid to be valid. Failure to electronically sign the this document prior to submitting the electronic bid will result in rejection of your bid. This document constitutes your bid and will be the Pricing Agreement/Contract document under which you are to perform, should your bid be accepted, so it must be properly and completely executed. It is, therefore, essential that you are aware of its terms, as well as those contained in the specifications.

Submit this electronically signed document, along with all accompanying documents:

THIS PRICING AGREEMENT/CONTRACT is made and entered into, by and between
hereinafter referred to as "Bidder" and The City of Oklahoma City, a municipal corporation, or a participating Public Trust of which The City of Oklahoma City is Beneficiary hereinafter referred to as the "Contracting Entity."

WITNESSETH:

WHEREAS, the governing body of the Contracting Entity has approved certain specifications and requested by notice that bids be submitted thereon; and

WHEREAS, this document until executed by the Mayor/Chairman of the Contracting Entity constitutes the Bidder's proposal; and

NOW, THEREFORE, that in consideration of the covenants, agreements and representations as hereinafter set forth, it is mutually agreed by the parties that:

1. The Bidder agrees to sell and deliver to the Contracting Entity, the items of material and/or services, specified in the pricing section of the electronic bid submittal, which is attached hereto and made a part of this Pricing Agreement/Contract. List the prompt payment discount, if any, for this agreement in the space provided below:

Discount for Prompt Payment % Days

2. The Bidder expressly warrants that all articles, material, and/or work covered in this Pricing Agreement/Contract will conform to the specifications and electronic bid documents attached to this bid and are hereby incorporated, as if set forth in full herein; and further warrants that the same shall be of good material and workmanship, and free from defects.

3. The Bidder understands that all bids are to be submitted in U.S. dollars at a firm price. Bids submitted in any currency other than U.S. dollars will be rejected.

4. The Bidder also understands that all invoices shall be submitted in U.S. dollars and agrees to accept payment in U.S. dollars as full satisfaction of the invoiced amount.

5. If any of the goods fail to meet the warranties contained in Paragraph 2, above, the Bidder, upon notice from the Contracting Entity, shall promptly correct or replace the same at the Bidder's expense. If the Bidder shall fail to so do, the Contracting Entity may cancel this order as to all such goods, and in addition, may cancel the then remaining balance of this order. After notice to the Bidder, all such goods will be held at the Bidder's risk. The Contracting Entity may, at the Bidder's direction, make available such goods to be returned to the Bidder at the Bidder's

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risk, and all transportation charges, both to and from the original destination, shall be paid by the Bidder. Any payment for such goods shall be refunded by the Bidder unless the Bidder promptly corrects or replaces the same at the Bidder's expense.

6. The Contracting Entity agrees to pay to the Bidder the price and amount in accordance with Paragraph 1 above, based on the quantity actually purchased, upon delivery to and acceptance by the Contracting Entity, of the material and/or service[s] above described and upon the filing by the Bidder, and approval by the Contracting Entity, of a verified claim for the amount due.

7. The Bidder agrees, in connection with the performance of work under this Pricing Agreement/Contract:

a. That the Bidder will not discriminate against any employee or applicant for employment, because of race, creed, color, sex, age, national origin, ancestry or disability. The Bidder shall take affirmative action to ensure that employees are treated without regard to their race, creed, color, age, national origin, sex, ancestry or disability. Such actions shall include, but not be limited to, the following: employment, promotion, demotion or transfer, recruitment, advertising, lay-off, termination, rates of pay or other forms of compensation and selection for training, including apprenticeship. The Bidder agrees to post, in a conspicuous place available to employees and applicants for employment, notices to be provided by the City Clerk/Secretary of the Contracting Entity setting forth the provisions of this section, and;

b. That the Bidder agrees to include this non-discrimination clause in any subcontracts connected with the performance of this Pricing Agreement/Contract.

8. In the event of the Bidder's non-compliance with the above non-discrimination clause, this Pricing Agreement/Contract may be canceled or terminated by the Contracting Entity. The Bidder may be declared by the Contracting Entity ineligible for further Pricing Agreement[s]/Contract[s] with the Contracting Entity until satisfactory proof of intent to comply is made by the Bidder.

9. The risk of loss or damage shall be borne by the Bidder at all times until the acceptance of goods, properly packed, by the Contracting Entity.

10. This Pricing Agreement/Contract, specifications, electronic bid submittal documents and any attachments constitutes the entire understanding and agreement of the parties upon the subject matter hereof. There is no agreement, oral or otherwise, which is not contained in or attached to this Pricing Agreement/Contract. This Pricing Agreement/Contract may not be modified or assigned unless approved in writing and signed by both parties.

11. The parties assume and understand that the variables in the Bidder's cost of performance may fluctuate; consequently, the parties agree that any fluctuations in the Bidder's costs will not alter the Bidder's obligations under this Pricing Agreement/Contract nor excuse performance or delay on the Bidder's part.

12. This Pricing Agreement/Contract shall be inoperative during such period of time that the aforesaid delivery or acceptance may be rendered impossible by reason of fire, Act of God or government regulation. Provided, however, to the extent that the Bidder has any commercially reasonable alternative method of performing this Pricing Agreement/Contract by purchase on the market or otherwise, the Bidder shall not be freed of any obligations hereunder by this clause, even though the goods intended for this Pricing Agreement/Contract were destroyed or their delivery delayed because of an event described above.

13. The shipping or receiving of any goods under this Pricing Agreement/Contract shall not be deemed, or be, a waiver of any right to damages for any prior failure to ship or receive any goods.

14. This Pricing Agreement/Contract shall be governed by the laws of the State of Oklahoma.

15. The Bidder shall be responsible for complying with all applicable federal, state and local laws.

16. If submitting a bid for services, the Bidder certifies that they, and any proposed subcontractors, are in compliance with 25 O.S. §1313 and participate in the status Verification System. The Status Verification System is defined in 25 O.S. §1312 and includes but is not limited to the free Employment Verification Program (E-Verify) through the Department of Homeland Security and available at www.dhs.gov/E-Verify.

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The undersigned individual states that the Bidder will be bound by all components of its bid, the specification, the terms and conditions of the Pricing Agreement/Contract, and the requirements for Bidders.

WITNESS the hands of the parties hereto:

THIS FORM MUST BE ELECTRONICALLY SIGNED AND SUBMITTED WITH THE BID FOR THE BID TO BE VALID

Note: The owner or an officer of the business or corporation may sign this document. A Corporate Seal or a letter of authorization is needed for any other signer. For instance, if a Salesman or Manager signs this form, a letter of authorization or Corporate Seal is to be attached.

Type Name of Authorized Agent

Title of Authorized Agent

Company Name and Address

Zip Code

Telephone Number and Fax Number if any

BIDDER MUST ELECTRONICALLY COMPLETE, SIGN AND NOTARIZE THIS DOCUMENT

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature.

(See Electronic Signatures in Global and National Commerce Act for more information.)

THIS FORM MUST BE ELECTRONICALLY SIGNED AND SUBMITTED WITH THE BID OR THE BID WILL BE REJECTED

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(Published in the Journal Record on March 27, 2024, and April 3, 2024)

NOTICE TO BIDDERS

Notice is hereby given that Oklahoma City Water Utilities Trust (“Contracting Entity”) will receive electronic bids at the **OFFICE OF THE CITY CLERK, 200 North Walker Avenue, Oklahoma City, Oklahoma 73102** until 10:00:00 a.m., on the **1st day of May 2024**, for the following:

BID: OCWUT 36-24 **Name of Bid:** Fire Hydrants, Valves, Repair Kits, & Services

The Contracting Entity has partnered with Periscope (formerly BidSync) to accept bids electronically. You are invited to submit a bid electronically through the Periscope system to supply the goods and/or services specified in the electronic bid packet. The Contracting Entity does not provide access to a computer for electronic bidding or electronic bid submission. Bidders must register in advance with Periscope at <https://prod.bidsync.com/the-city-of-oklahoma-city> in order to submit an electronic bid. The Contracting Entity recommends potential Bidders register and become familiar with the Periscope electronic bidding process in advance of submitting a bid. There is no charge to the Bidder for registering or submitting an electronic bid to the Contracting Entity through Periscope. Instructions on how to get registered to bid through Periscope can be found on The City of Oklahoma City’s website at <https://www.okc.gov/departments/bidding>.

Bids shall be made in accordance with this Notice to Bidder, General Instructions and Requirements for Bidders, Oklahoma Open Records Act and Confidential Information, the Specifications, the Agreement & Non-Discrimination Statement, the Non-Collusion Affidavit, and any other documents which are included in the complete electronic bid packet. The Agreement must be completed, signed, and submitted electronically through Periscope for the bid to be valid.

Bids timely submitted electronically through Periscope shall be opened at the time stated above or later in the City Clerk’s Conference Room, located on the 2nd floor of the Municipal Building. The Periscope system does not allow bids to be submitted after the above stated date and time. There will be no exceptions to this policy. All bids shall remain on file at least 48 hours before an Agreement shall be made and entered.

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NON-COLLUSION AFFIDAVIT

BIDDER MUST ELECTRONICALLY COMPLETE, SIGN AND NOTARIZE THIS DOCUMENT PRIOR TO SUBMITTING BID

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature.

(See Electronic Signatures in Global and National Commerce Act for more information.)

The undersigned, of lawful age, being duly sworn, upon oath, deposes and says: That the undersigned has the lawful authority to execute the within and foregoing proposal/bid for, and on behalf of, the Proposer/Bidder; that the Proposer/Bidder has not, directly or indirectly, entered into any agreement, express or implied, with any Proposer/Bidder, having for its object the controlling of the price or amount of such proposal/bid, the limiting of the proposals/bids or the Proposers/Bidders, the parceling or farming out to any Proposer/Bidder or other persons, of any part of the Agreement or any part of the subject matter of the proposal/bid, or of the profits thereof, and that Proposer/Bidder has not and will not divulge the sealed proposal/bid to any person whomsoever, except those having a partnership or other financial interest with the Proposer/Bidder in the said proposal/bid, until after the said sealed proposals/bids are opened.

The undersigned further states that the Proposer/Bidder has not been a party to any collusion: among Proposer/Bidders in restraint of freedom of competition, by any agreement to bid at a fixed price or to refrain from proposing; or with any City/Trust official, City/Trust employee or City/Trust agent as to the quantity, quality, or price in the prospective Agreement, or any other terms of the said prospective Agreement; or in any discussions between the Proposers/Bidders or City/Trust official, City/Trust employee or City/Trust agent concerning the exchange of money or other thing of value for special consideration in the letting of Agreement. The Proposer/Bidder states that it has not paid, given or donated or agreed to pay, give or donate to any City/Trust official, officer or employee of the City or awarding agency, any money or other thing of value, either directly or indirectly, in the procuring of the award of Agreement pursuant to this Proposal/Bid.

Witness the hands of the parties hereto:

The undersigned states that the Proposer/Bidder will be bound by its proposal/bid, the specification, the terms and conditions of the Agreement, and the Requirements for Proposer/Bidders.

→ → THIS FORM TO BE COMPLETED BY THE PROPOSER/BIDDER PRIOR TO AGREEMENT APPROVAL ← ←

Type Name of Authorized Agent/Representative

Company Name

Address

Telephone Number and Fax Number, if any

Title

Zip Code

TO BE COMPLETED BY THE NOTARY:

State of *

)

) SSS

County of *

)

[*State and County where notarized must be typed in for bid/proposal to be considered.][SAK1]

Signed and sworn to before me on this day of , by

[Day] [Month] [Year] [Print the name of the agent/representative who signed above.]

My Commission Number:

[Oklahoma] Type Name of Notary Public

My Commission Expires:

[Date/Year]

[49 Okla. Stat. 2011 §119]

BIDDER MUST ELECTRONICALLY COMPLETE, SIGN AND NOTARIZE THIS DOCUMENT PRIOR TO SUBMITTING BID

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature.

(See Electronic Signatures in Global and National Commerce Act for more information.)

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BIDDER MUST ELECTRONICALLY COMPLETE THIS FORM PRIOR TO SUBMITTING BID

SUPPLIER CONTACT INFORMATION

The purpose of this form is to assist various City Departments and Trusts with placing orders.

Sales Contact:

Company Name:	<input type="text"/>		
Address:	<input type="text"/>		
Contact Person:	<input type="text"/>	Email Address:	<input type="text"/>
Telephone Number:	<input type="text"/>	Fax Number:	<input type="text"/>

Billing Contact:

Company Name:	<input type="text"/>		
Address:	<input type="text"/>		
Contact Person:	<input type="text"/>	Email Address:	<input type="text"/>
Telephone Number:	<input type="text"/>	Fax Number:	<input type="text"/>

Service Contact:

Company Name:	<input type="text"/>		
Address:	<input type="text"/>		
Contact Person:	<input type="text"/>	Email Address:	<input type="text"/>
Telephone Number:	<input type="text"/>	Fax Number:	<input type="text"/>

After Hours Emergency Number(s)	<input type="text"/>
After Hours Emergency Number(s)	<input type="text"/>
After Hours Emergency Number(s)	<input type="text"/>
After Hours Emergency Number(s)	<input type="text"/>

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The City of OKLAHOMA CITY

City of Oklahoma City and
its Trusts

Updated 2022

Bid OCWUT 36-24

(Internal use only)

PeopleSoft Vendor ID: _____ Entered by: _____

Helpdesk Ticket #: _____ Date: _____

VENDOR REGISTRATION FORM

Please print legibly or type this information. Form must be completed and signed by authorized individual.

If you are a single member LLC classified as a Disregarded Entity on your W-9, you MUST provide the owner's SSN or EIN, not the LLC's EIN (see IRS pub 3402).

- ☐ **NEW DOMESTIC VENDOR** - Attach the most current IRS W-9 form, along with this form; both MUST be filled out in their entirety.
- ☐ **NEW FOREIGN ENTITY** - Attach the most current, appropriate, IRS W-8 form, along with this form; both MUST be filled out in their entirety

Please provide the City Department or Employee you are working with:

City Department

City Employee

- ☐ **UPDATE EXISTING VENDOR** - Attach the most current IRS W-9/W-8 form, along with this form; both MUST be filled out in their entirety.

Select all types of applicable update(s):

☐ Address Name Tax ID Contact Information ACH/EFT Other: _____

SDBE Program: Please select all applicable vendor characteristics:

Disadvantaged Business Enterprise

Small Business - as defined by the U.S. Small Business Administration

Women-Owned Business - % women owned / controlled _____%

Minority-Owned Business - % Minority owned / controlled _____%

Ethnicity(ies) _____

☐ UEI Number - _____

If you checked any of the above boxes, please provide a brief description of your business: _____

If you checked any of the above boxes, do you wish to receive notifications of upcoming contract opportunities? _____

Do you consent to receive Forms 1099 by email?

Do you wish to receive payments by electronic funds transfer?

Check here if same as PO address

PURCHASE ORDER ADDRESS

BUSINESS NAME

ADDRESS 1

ADDRESS 2

CITY STATE ZIP CODE

CONTACT PERSON

EMAIL ADDRESS

TELEPHONE NUMBER

PAYMENT REMITTANCE ADDRESS

BUSINESS NAME

ADDRESS 1

ADDRESS 2

CITY STATE ZIP CODE

CONTACT PERSON

EMAIL ADDRESS

TELEPHONE NUMBER

Any vendor who accepts payment confirms the following: the invoice is true and correct; the work, service or materials as shown by the invoice or claim have been completed or supplied in accordance with the plans, specifications, orders or requests furnished the vendor; and the vendor has made no payment, directly or indirectly, to any elected official, officer or employee of this City, of money or any other thing of value to obtain payment See [62 O.S. § 310.9](#).

I certify that the information supplied herein is correct and that neither the applicant nor any person (or concern) in any connection with the applicant as a principal or officer is now debarred or otherwise declared ineligible by a public agency for bidding or furnishing materials, supplies or services, to any other public agency thereof. NOTE: Article IV, Section 11 of the City Charter prohibits employees of the City from having a proprietary interest in City Contracts See [11 O.S. § 8-113](#).

Return to Procurement Services:

vendorregistration@okc.gov

100 N. Walker, Suite #200

Oklahoma City, OK 73102

Signature of Person Authorized to Sign

Date Signed

Print Name

Title

6 (405) 297-2239 Fax (405) 297-2142

OCWUT 0034

**Request for Taxpayer
Identification Number and Certification**
Go to www.irs.gov/FormW9 for instructions and the latest information.

**Give form to the
requester. Do not
send to the IRS.**

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)	
	2 Business name/disregarded entity name, if different from above.	
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____ (Applies to accounts maintained outside the United States.)
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions <input type="checkbox"/>	
	5 Address (number, street, and apt. or suite no.). See instructions.	Requester's name and address (optional)
	6 City, state, and ZIP code	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)																										
Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> , later.																										
Social security number <table><tr><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></tr></table> or Employer identification number <table><tr><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					-				-									-								
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Note: If the account is in more than one name, see the instructions for line 1. See also <i>What Name and Number To Give the Requester</i> for guidelines on whose number to enter.																										

Part II Certification
Under penalties of perjury, I certify that:
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.
Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.
Sign Here Signature of U.S. person Date

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

must obtain your correct taxpayer identification number (TIN), which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid).
- Form 1099-DIV (dividends, including those from stocks or mutual funds).
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds).
- Form 1099-NEC (nonemployee compensation).
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers).
- Form 1099-S (proceeds from real estate transactions).
- Form 1099-K (merchant card and third-party network transactions).
- Form 1098 (home mortgage interest), 1098-E (student loan interest), and 1098-T (tuition).
- Form 1099-C (canceled debt).
- Form 1099-A (acquisition or abandonment of secured property).

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

Caution: If you don't return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding*, later.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued);
2. Certify that you are not subject to backup withholding; or
3. Claim exemption from backup withholding if you are a U.S. exempt payee; and
4. Certify to your non-foreign status for purposes of withholding under chapter 3 or 4 of the Code (if applicable); and
5. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting is correct. See *What Is FATCA Reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding. Payments made to foreign persons, including certain distributions, allocations of income, or transfers of sales proceeds, may be subject to withholding under chapter 3 or chapter 4 of the Code (sections 1441–1474). Under those rules, if a Form W-9 or other certification of non-foreign status has not been received, a withholding agent, transferee, or partnership (payor) generally applies presumption rules that may require the payor to withhold applicable tax from the recipient, owner, transferor, or partner (payee). See Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*.

The following persons must provide Form W-9 to the payor for purposes of establishing its non-foreign status.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the disregarded entity.
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the grantor trust.
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust and not the beneficiaries of the trust.

See Pub. 515 for more information on providing a Form W-9 or a certification of non-foreign status to avoid withholding.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person (under Regulations section 1.1441-1(b)(2)(iv) or other applicable section for chapter 3 or 4 purposes), do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515). If you are a qualified foreign pension fund under Regulations section 1.897(l)-1(d), or a partnership that is wholly owned by qualified foreign pension funds, that is treated as a non-foreign person for purposes of section 1445 withholding, do not use Form W-9. Instead, use Form W-8EXP (or other certification of non-foreign status).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a saving clause. Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if their stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first Protocol) and is relying on this exception to claim an exemption from tax on their scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include, but are not limited to, interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third-party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester;
2. You do not certify your TIN when required (see the instructions for Part II for details);
3. The IRS tells the requester that you furnished an incorrect TIN;
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only); or
5. You do not certify to the requester that you are not subject to backup withholding, as described in item 4 under "*By signing the filled-out form*" above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

See also *Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding*, earlier.

What Is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all U.S. account holders that are specified U.S. persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you are no longer tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account, for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

• **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note for ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040 you filed with your application.

• **Sole proprietor.** Enter your individual name as shown on your Form 1040 on line 1. Enter your business, trade, or “doing business as” (DBA) name on line 2.

• **Partnership, C corporation, S corporation, or LLC, other than a disregarded entity.** Enter the entity’s name as shown on the entity’s tax return on line 1 and any business, trade, or DBA name on line 2.

• **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. Enter any business, trade, or DBA name on line 2.

• **Disregarded entity.** In general, a business entity that has a single owner, including an LLC, and is not a corporation, is disregarded as an entity separate from its owner (a disregarded entity). See Regulations section 301.7701-2(c)(2). A disregarded entity should check the appropriate box for the tax classification of its owner. Enter the owner’s name on line 1. The name of the owner entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For

example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner’s name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity’s name on line 2. If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, enter it on line 2.

Line 3a

Check the appropriate box on line 3a for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3a.

IF the entity/individual on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation.
• Individual or • Sole proprietorship	Individual/sole proprietor.
• LLC classified as a partnership for U.S. federal tax purposes or • LLC that has filed Form 8832 or 2553 electing to be taxed as a corporation	Limited liability company and enter the appropriate tax classification: P = Partnership, C = C corporation, or S = S corporation.
• Partnership	Partnership.
• Trust/estate	Trust/estate.

Line 3b

Check this box if you are a partnership (including an LLC classified as a partnership for U.S. federal tax purposes), trust, or estate that has any foreign partners, owners, or beneficiaries, and you are providing this form to a partnership, trust, or estate, in which you have an ownership interest. You must check the box on line 3b if you receive a Form W-8 (or documentary evidence) from any partner, owner, or beneficiary establishing foreign status or if you receive a Form W-9 from any partner, owner, or beneficiary that has checked the box on line 3b.

Note: A partnership that provides a Form W-9 and checks box 3b may be required to complete Schedules K-2 and K-3 (Form 1065). For more information, see the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

If you are required to complete line 3b but fail to do so, you may not receive the information necessary to file a correct information return with the IRS or furnish a correct payee statement to your partners or beneficiaries. See, for example, sections 6698, 6722, and 6724 for penalties that may apply.

Line 4 Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third-party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys’ fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space on line 4.

1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2).

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- 2—The United States or any of its agencies or instrumentalities.
- 3—A state, the District of Columbia, a U.S. commonwealth or territory, or any of their political subdivisions or instrumentalities.
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities.
- 5—A corporation.
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or territory.
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission.
- 8—A real estate investment trust.
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940.
- 10—A common trust fund operated by a bank under section 584(a).
- 11—A financial institution as defined under section 581.
- 12—A middleman known in the investment community as a nominee or custodian.
- 13—A trust exempt from tax under section 664 or described in section 4947.

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
• Interest and dividend payments	All exempt payees except for 7.
• Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
• Barter exchange transactions and patronage dividends	Exempt payees 1 through 4.
• Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5. ²
• Payments made in settlement of payment card or third-party network transactions	Exempt payees 1 through 4.

¹ See Form 1099-MISC, Miscellaneous Information, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) entered on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37).

B—The United States or any of its agencies or instrumentalities.

C—A state, the District of Columbia, a U.S. commonwealth or territory, or any of their political subdivisions or instrumentalities.

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i).

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i).

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state.

G—A real estate investment trust.

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940.

I—A common trust fund as defined in section 584(a).

J—A bank as defined in section 581.

K—A broker.

L—A trust exempt from tax under section 664 or described in section 4947(a)(1).

M—A tax-exempt trust under a section 403(b) plan or section 457(g) plan.

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, enter "NEW" at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have, and are not eligible to get, an SSN, your TIN is your IRS ITIN. Enter it in the entry space for the Social security number. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/EIN. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or Form SS-4 mailed to you within 15 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and enter "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, you will generally have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon. See also *Establishing U.S. status for purposes of chapter 3 and chapter 4 withholding*, earlier, for when you may instead be subject to withholding under chapter 3 or 4 of the Code.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

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Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983.

You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983.

You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third-party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))**	The grantor*

For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing Form 1041 or under the Optional Filing Method 2, requiring Form 1099 (see Regulations section 1.671-4(b)(2)(i)(B))**	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name on line 1, and enter your business or DBA name, if any, on line 2. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.)

* **Note:** The grantor must also provide a Form W-9 to the trustee of the trust.

** For more information on optional filing methods for grantor trusts, see the Instructions for Form 1041.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information, such as your name, SSN, or other identifying information, without your permission to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax return preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity, or a questionable credit report, contact the IRS Identity Theft Hotline at 800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

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Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 877-777-4778 or TTY/TDD 800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Go to www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and territories for use in administering their laws. The information may also be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payors must generally withhold a percentage of taxable interest, dividends, and certain other payments to a payee who does not give a TIN to the payor. Certain penalties may also apply for providing false or fraudulent information.

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The City of Oklahoma City
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OCWUT 36-24

Fire Hydrants, Valves, Repair Kits, & Services

OCWUT 36-24 Fire Hydrants, Valves, Repair Kits, & Services

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GENERAL INSTRUCTIONS AND REQUIREMENTS FOR BIDDERS

THESE INSTRUCTIONS, REQUIREMENTS AND ANY SPECIAL INSTRUCTIONS CONTAINED IN THE SPECIFICATIONS ARE A PART OF THE TERMS AND CONDITIONS OF THE BIDDER'S IRREVOCABLE BID AS A FIRM OFFER. ANY EXCEPTIONS TO THESE INSTRUCTIONS, REQUIREMENTS OR SPECIFICATIONS MUST BE SPECIFIED AND SUBMITTED WITH THE BIDDER'S BID. THIS CAN BE ACCOMPLISHED BY SUBMITTING AN ALTERNATE OFFER, IF AVAILABLE ON THE BID, OR BY ENTERING INFORMATION INTO THE "NOTE TO BUYER" FIELD. A BIDDER MAY ALSO SUBMIT EXCEPTIONS BY UPLOADING A SEPARATE DOCUMENT LABELED "EXCEPTIONS" INTO THE PERISCOPE SYSTEM. FAILURE TO INDICATE ANY EXCEPTIONS WILL BE REGARDED AS FULL ACCEPTANCE OF THE REQUIREMENTS, INSTRUCTIONS, AND SPECIFICATIONS CONTAINED IN THIS BID PACKET AND ANY OTHER BID DOCUMENTS RELATED TO THIS BID.

1. **EXAMINATION BY BIDDERS:** All Bidders must examine the specifications, drawings, schedules, special instructions and these general instructions and requirements prior to electronically submitting any Bid/Pricing Agreement/Contract. Failure to examine is at the Bidder's own risk as Bidder will be held to the terms, conditions and requirements therein.
2. **SUBMISSION OF FORMS REQUIRED FOR PRICING AGREEMENT/CONTRACT AWARD:** All bids must be completed electronically, on the forms provided by the Contracting Entity through the electronic bidding system. Bids will not be considered unless the Bid/Pricing Agreement/Contract form is completed, signed and submitted by the Bidder in the electronic bidding system. A Letter of Authorization should also be attached and submitted when the Bidder is not authorized by statute and the Bidder's organizational and establishing documents to sign and bind the Bidder to the Bid/Pricing Agreement/Contract documents. The Anti/Non-Collusion Affidavit must be executed by the Bidder or an authorized agent and notarized. The notarization must contain:
 - (a) The notary's signature (electronic signature);
 - (b) Jurisdiction where notarization took place (i.e., State of __, County of __);
 - (c) Date of notarization;
 - (d) The notary's commission expiration date;
 - (e) The notary's commission number (Oklahoma);
 - (f) The notarial seal (the notary seal is not required for electronic notarization); and
 - (g) Comply with all other applicable laws. The anti/non-collusion affidavit must be submitted electronically with the electronic bid packet.
3. **SUBMISSION OF BIDS ELECTRONICALLY TO THE CITY CLERK/SECRETARY:** Bids must be submitted electronically through Periscope and shall be opened at the time stated in the Notice to Bidders, or later, in the City Clerk's Conference Room, located on the 2nd floor of the Municipal Building. The Periscope system does not allow bids to be submitted after the deadline. There will be no exceptions to this policy. All bids shall remain on file at least 48 hours thereafter before a Pricing Agreement/Contract shall be made and entered into thereon.
4. **DESCRIPTIVE TERMS:** Unless the term "no substitute" is used, the use of brand name, manufacturer, make, or catalog designation in describing an item does not restrict Bidders to that particular brand name, etc. The term is simply to indicate the type, character, quality and/or performance equivalence of the item desired. However, the proposed substitution item must be of such character, quality and/or performance equivalence as indicated in the specifications. A proposed substitute item must include complete data as to the manufacturer's name, type, model number, any descriptive bulletins and specifications. This data can be uploaded electronically through the electronic bidding system.
5. **EXCEPTIONS:** Any exceptions or variances to these instructions or specifications must be submitted with the Bidder's bid. This can be accomplished by submitting an alternate offer, if available on the bid, or by entering information in the "Note to Buyer" field. A Bidder may also submit exceptions by uploading a separate document labeled "Exceptions" into the Periscope system. Failure to indicate any exceptions will be construed to mean that the Bidder offers to furnish the exact commodity as described in the bid specifications and as full acceptance of the requirements, instructions, and specifications contained in this bid packet and any other bid documents related to this bid.
6. **UNIT PRICES:** A unit price for each unit bid must be shown and include any applicable taxes, delivery, and packaging and/or packing, if any, unless otherwise specified. If there is an estimated quantity stated as such in the specifications, the estimate is not a guarantee of the quantity which may be purchased. When the quantity in the Periscope system is listed as "1", Bidder shall bid the per individual unit price. The Contracting Entity may purchase

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one or more bid items at any given time throughout the term of the Bid/Pricing Agreement/Contract. The Periscope system will calculate the total based on the quantity requested by the Contracting Entity and the price entered by the Bidder. The Periscope system will calculate the bid price based on the quantity and price. Items bid as an estimated quantity will be awarded on a "no guarantee" basis. Prices shall be extended in decimals, not fractions, and shall include transportation and delivery charges, prepaid by the Bidder to the destination specified in the special instructions of the specifications.

7. **EXEMPTIONS FROM CERTAIN TAXES:** The purchase of certain goods or services by the Contracting Entity is exempt from the payment of excise, transportation, use, and sales tax imposed by the federal, state and/or city governments. Such taxes must not be included in the bid prices. Any taxes that are not exempt must be included in the bid price. No additional payment or compensation will be made for taxes.
8. **PAYMENTS AND DISCOUNTS:**
 - (a) Payment for goods and services as specified in the Bid/Pricing Agreement/Contract shall be processed promptly after completion of delivery and acceptance of items and after receipt from Bidder of properly prepared invoice(s) and/or notarized claim voucher(s), if applicable. Purchases may be made by certain City or Trust employees using a purchasing card. Employees of Contracting Entity are required, when possible, to use a purchasing card for purchases under the amount of \$5,000 for a single transaction. For single transactions over \$5,000, the Bidder may request payment be completed by issuance of a purchase order. Processing fees may not be added when a purchasing card is used. The bid price shall cover any fees a bidder may incur.
 - (b) Discounts for prompt payment will not be considered in bid evaluations, unless otherwise specified. Discounts offered by the Bidder will be taken, however, if payment is made within the discount period.
 - (c) Late charges cannot be assessed against Contracting Entity.
9. **LATE INVOICES:** If the purchase order indicates that the purchase is being made with City funds, all unpaid invoices pertaining to this Bid/Pricing Agreement/Contract must be recorded in the Finance Department, Accounts Payable Section, or in the Office of the City Clerk on or before September 30 for all debts incurred during the prior fiscal year (July 1 through June 30) or said invoice shall be void and forever barred. (See 62 Okla. Stat. 2010 § 310.4).
10. **DELIVERY:**
 - (a) All bid prices quoted shall be based on delivery F.O.B. Oklahoma City, Oklahoma or to any points located within the municipal corporate limits (unless otherwise stated in the bid specifications) with all charges prepaid to the actual point of delivery.
 - (b) Bids must show the number of days required for delivery under normal conditions. Unrealistically short or long delivery promises may cause bids to be rejected. A successful Bidder is required to keep the purchasing department advised at all times of the status of the order and delivery. All goods or services shall be delivered within thirty (30) days from the date of the award of the Bid/Pricing Agreement/Contract, unless specified otherwise.
11. **AWARD OF PRICING AGREEMENT/CONTRACTS:** The Contracting Entity reserves the rights to: award by item, groups of items or all items of the bid; to reject any or all bids in whole or in part; and, waive technical defects, irregularities and/or omissions.
12. **PERFORMANCE BONDS:** If required by the specifications, the successful Bidder must post the performance bond, a certified or cashier's check in the amount required prior to award of Bid/Pricing Agreement/Contract.
13. **PATENTS:** The Bidder agrees to indemnify and save harmless the Contracting Entity, including any of Contracting Entity's employees, the purchasing agent and assistants from all suits and actions of every nature and description brought against the Bidder and/or any assistants because of, or for the use of, patented or licensed appliances, products, or processes. The Bidder shall pay all royalties and charges which are legal, and equitable evidence of such payment or satisfaction shall be submitted upon request of the Contracting Entity, as a necessary requirement in connection with the final execution of any Bid/Pricing Agreement/Contract in which patented or licensed appliances, products, or processes are to be used.
14. **TERMINATION:**
 - (a) The performance of services and/or the delivery of items under any Bid/Pricing Agreement/Contract may be terminated by the Contracting Entity, in whole or in part, whenever it is determined to be in the best interest of the Contracting Entity.
 - (b) Any such termination will be affected by delivery to the Bidder of a termination notice specifying the extent to which performance or services and/or delivery of ordered commodities is terminated, and the date the termination becomes effective.
 - (c) After receipt of a termination notice, the Bidder shall stop performance of services and/or accept no further orders under the Pricing Agreement/Contract.
15. **COMPLIANCE WITH APPLICABLE LAWS:** All Bidders must comply with all applicable federal, state or local laws and regulations, including Title VI and all provisions of the Civil Rights Act of 1964 42, U.S.C. §§ 2000d, -et seq.

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16. **SELF-INSURED:** The Contracting Entity is self-insured for its own negligence. The liability of the Contracting Entity for acts of negligence are limited and subject to the Governmental Tort Claims Act, 51 O.S. §§ 151, *et seq.*
17. **RIGHT TO AUDIT:** The Contracting Entity shall at all times have the right to examine books, papers and records of the successful Bidder relative to all aspects of the Bid/Pricing Agreements/Contracts awarded as a result of this bid to confirm Bid/Pricing Agreement/Contract compliance. Failure to provide the requested information may result in termination of the Bid/Pricing Agreement/Contract. This right to audit only affects Bid/Pricing Agreement/Contract compliance as a result of this bid and does not apply to Bidder records beyond the scope of the Bid/Pricing Agreement/Contract.
18. **REFERENCES:** The Contracting Entity has the right to request references from Bidders.
19. **BID EVALUATION:** Bids will be evaluated based upon the lowest overall cost to the Contracting Entity and a Bidder's responsiveness to the requirements of the specifications. The Contracting Entity retains the right to waive minor deficiencies of specifications, technicalities, or informalities in a bid, provided that the best interest of the Contracting Entity would be served without prejudice to the rights of other Bidders.

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OKLAHOMA OPEN RECORDS ACT AND CONFIDENTIAL INFORMATION

All materials submitted to the Contracting Entity pursuant to this Bid or Proposal potentially become subject to the mandates of the Oklahoma Open Records Act, O.S. §§ 24A.1. *et seq.* The purpose of this Act is to ensure and facilitate the public's right of access to and review of government records, so they may efficiently and intelligently exercise their inherent political power. Almost all "records," as that term is defined in the Act, may be disclosed to the public upon request. Except where specific state or federal statutes create a specific and express exemption or confidential privilege, persons who submit information to public bodies have no right to keep this information from public access nor have a reasonable expectation that this information will be kept from public access.

If you believe that any of the information you have submitted to the Contracting Entity pursuant to this Bid or Proposal is exempt or confidential under a specific state or federal statute, and therefore not subject to public access under the Oklahoma Open Records Act, you must comply with the following:

1. Place said documents/records in a separate electronic file attachment marked "Confidential". DO NOT label your entire Bid or Proposal as "Confidential" – label only those portions of the Bid or Proposal that you feel are exempt or are made confidential by state or federal law as "Confidential".
2. For each such document for which you are claiming an exemption or a confidential privilege, identify the federal and/or state law that creates said privilege, e.g., for trade secrets, see 21 O.S. § 1732 (Larceny of Trade Secrets) and the Uniform Trade Secrets Act, 78 O.S. §§ 85, *et seq.*

Should an Open Records request be presented to the Contracting Entity requesting information you have identified as "Confidential," you will be responsible for defending your position in the District Court, if needed.

If you fail to identify any records submitted as part of your Bid or Proposal as "Confidential", you are agreeing that said records are not exempt or confidential and are subject to public access.

Upon receipt of a request by a third party to review or copy records properly identified as "Confidential," you will be notified of the request and thereby given an opportunity to immediately enforce and protect your rights by initiating an action in a court of competent jurisdiction. Should you fail to timely bring an action to enforce your rights, then the requested records will be released by the Contracting Entity based upon its determination of the application of the Oklahoma Open Records Act.

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SPECIFICATIONS

INTENT OF CONTRACT

The Oklahoma City Water Utilities Trust (OCWUT), “Contracting Entity,” will accept electronic bids for the purchase of traffic model fire hydrants, hydrant and valve repair kits, valves, valve positioners, valve operators, and repair parts/services for the Utilities Department.

CONTRACTING ENTITY

The term "Contracting Entity" as used throughout this Bid/Pricing Agreement/Contract shall also mean The City of Oklahoma City and any participating Public Trust which chooses to avail itself of the goods or services from the resultant Bid/Pricing Agreement/Contract. Should a participating Public Trust, of which The City of Oklahoma City is Beneficiary, choose to avail itself of goods or services from the resultant Bid/Pricing Agreement(s)/Contract(s), the Bidder(s) will honor the terms and conditions, including price, of the Bid/Pricing Agreement(s)/Contract(s).

BIDDER

Upon award of this Bid/Pricing Agreement/Contract, the term “Bidder” shall mean the contracting party supplying the goods and/or services.

SCOPE OF BID/PRICING AGREEMENT/CONTRACT

The Bidder shall furnish and supply the items on the inventory list in accordance with the terms, conditions and provisions set forth herein.

The Contracting Entity reserves the right to award this Bid/Pricing Agreement/Contract to a single Bidder or to multiple Bidders, whichever is deemed to be in the best interest of the Contracting Entity. You may bid on some or all items. If you stock only selected sizes of a part, please indicate the sizes you stock in the “Note to Buyer” field. If you choose not to bid on one of the items respond by typing, "No Bid" in the “Note to Buyer” field of the Line Item in the Periscope system.

RETAIL/CATALOG/PRICE LIST/WEBSITE PERCENTAGE DISCOUNT

The Contracting Entity’s Terms and Conditions supersede any and all Terms and Conditions as shown in catalog(s) submitted with the bid. The Bidder may bid discounts for repair parts and accessories for a retail location, from a catalog, price list, and/or website. A Bidder may also bid discounts for specific brands and/or specific items. The Contracting Entity shall receive the lowest price listed where the website and catalog prices conflict.

To bid a catalog, price list, and/or website discount, enter the catalog title/edition (digital if available), price list, and/or website address, and corresponding discount on the line item provided in the electronic bidding system.

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Specific brand(s) can be bid at a discount different than the overall catalog, price list and/or website discount on the line item provided in the electronic bidding system. To bid a specific item and not catalog, indicate model, brand, and corresponding discount for each item you bid on the line item provided in the electronic bidding system.

It is understood that manufacturers may periodically update their price list. The list price in effect at the time of the purchase shall apply.

Bidders/manufacturers may offer greater discounts based on volume or other incentives. Bidders are authorized to pass through any additional discounts to the Contracting Entity. In the event of a conflict between the discount price and any special pricing, the lower of the two prices shall prevail.

SUBSTITUTE OFFERS

If the specifications provide that the Contracting Entity is accepting substitute offers for a good or service, this option will be available for Bidders in Periscope when completing the electronic bid packet. The Contracting Entity is under no obligation to accept a substitute offer.

PRICING AGREEMENT/CONTRACT PERIOD

The Bid/Pricing Agreement/Contract shall be effective for a period of three (3) years, with an option to renew for one (1) additional three (3) year term, as approved by the Contracting Entity. The Bid/Pricing Agreement/Contract shall be in effect commencing on the date of the award as approved by the Contracting Entity.

The Bidder's performance will be evaluated on an ongoing basis during the term of the Bid/Pricing Agreement/Contract. Based on these evaluations, the OCWUT's General Manager and/or appointed designee will determine if any problems exist. The following criteria will be applied in the Bid/Pricing Agreement/Contract evaluation performance process:

- The ability, capacity, and skills utilized by the contracted Bidder in the performance of the Bid/Pricing Agreement/Contract and providing the services required;
- Whether the Bidder performed the requirements of the Bid/Pricing Agreement/Contract in providing the service promptly, or within the time specified, without delay or interference;
- The quality, availability and adaptability of the supplies, materials, and repair parts furnished to the particular use required.

The Contracting Entity reserves the right to apply Contract Cancellation/Order of Precedence in the event of Bidder's inability to perform the requirements of the Bid/Pricing Agreement/Contract.

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PRICING AGREEMENT/CONTRACT RENEWAL OPTION

Should the Contracting Entity desire to renew the Bid/Pricing Agreement/Contract, a written preliminary notice will be furnished to the Bidder prior to the expiration date of the Bid/Pricing Agreement/Contract. (Such preliminary notice will not be deemed to commit the Contracting Entity to renew.)

Upon receipt of the Contracting Entity's preliminary notice, the Bidder shall, if desired, submit a written agreement to continue Pricing Agreement/Contract performance for an additional three-year period.

Should the Contracting Entity exercise this option for renewal, the Bid/Pricing Agreement/Contract as renewed shall be deemed to include this option provision except that the total duration of this Bid/Pricing Agreement/Contract, including any renewals, shall not exceed three years without approval of the Contracting Entity.

In all cases Bid/Pricing Agreement/Contract renewals must be approved by the Contracting Entity.

DELIVERY

Bidders shall specify their proposed delivery times for the requested goods and services in the line-item pricing area in the electronic bidding system. If a deadline is specified and no alternative is proposed, the Bidder will have agreed to meet the stated deadline.

The Contracting Entity shall not be held liable for any and all damages sustained by Bidders for delivery of materials and/or services awarded by Bid/Pricing Agreement/Contract.

Bidder's delivery schedule shall be an important criterion in the evaluation of bids and recommendations for awards. The successful Bidder shall be required to deliver materials and supplies **within 30 calendar days** after receipt of a purchase order from the Contracting Entity.

The delivery location(s) are as follows:

Location	Address	Contact Person	Phone No.
Line Maintenance Division	621 N. Pennsylvania Ave. Oklahoma City, OK 73107	Herbert Jones, Warehouse Manager Warehouse Counter	405-297-2810 405-297-2983

OCWUT reserves the right to pick up any and all items at the awarded Bidder facility. Awarded Bidder will be notified with the order if shipping is not necessary. The awarded Bidder must load items on OCWUT vehicles when picked up.

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Specific Delivery Requirements

All deliveries shall be made Monday through Friday and arriving no earlier than 9:00 a.m. extending to such time that a normal unloading can be accomplished before 2:00 p.m. Unusual circumstances will receive consideration for any variance from these days and hours.

Inspection and Acceptance at Destination

Final inspection and acceptance shall be at destination. Although source inspection by the Contracting Entity is not anticipated under this Bid/Pricing Agreement/Contract, the provisions of this article shall in no way be construed to limit the rights of the Contracting Entity to otherwise conduct source inspections which it deems to be appropriate.

F.O.B. Destination

The Bidder shall deliver each item F.O.B. Destination, Oklahoma City, Oklahoma, and to any and all points designated in the specifications. Inside delivery is required unless specifically and expressly stated in the specifications. Delivery location will be stated on each order as it is placed.

COMMERCIAL PACKAGING

Preservation, packaging, packing, and marking will be in accordance with Bidder's best commercial practice to provide adequate protection against shipping damage. Bidder is required to replace any goods damaged in shipping or delivery.

ESTIMATED ANNUAL REQUIREMENTS (NO GUARANTEE)

The quantity of any item, good, or service when shown in the price schedule as an estimate of an annual requirement is merely an estimate based on currently available information. The purchase of any such item or quantity of goods or service is not guaranteed. Any offer conditioned upon a promise by the Contracting Entity to purchase a minimum or definite quantity of such an item will be rejected.

The Bidder agrees to furnish all quantities ordered by the Contracting Entity during the Bid/Pricing Agreement/Contract period.

The Contracting Entity agrees to place orders with the Bidder for all its requirements for those items shown in the price schedule, as awarded, except as follows:

- a) Quantities of items needed under conditions of emergency or public exigency as approved by the Purchasing Agent.
- b) Quantities of items obtainable from State contracts, as approved by the Purchasing Agent.
- c) Quantities of items where federal funds are involved, and other action is warranted for federal regulatory compliance purposes.
- d) Quantities of items awarded under specific and separate Bid/Pricing Agreements/Contracts.
- e) Quantities of items which otherwise are determined to be outside the general scope and intent of this Bid/Pricing Agreement/Contract.

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If requirements for any awarded items do not materialize for the quantity estimated in the applicable price schedule, such failure shall not constitute grounds for equitable adjustment or additional compensation.

There is no obligation to purchase any items from this Bid/Pricing Agreement/Contract, and purchases made in future fiscal years or other contract periods are subject to future appropriations and availability of funds.

The Contracting Entity may request Bidder provide quantity discounts when making larger purchases. Quantity discounts will be requested from all Bidders when multiple Bid/Pricing Agreements/Contracts are awarded.

There shall be no minimum quantity requirements associated with pricing and delivery. The Contracting Entity shall provide the amount requested without having a minimum amount or quantity ordered.

ORDER OF PRECEDENCE

In the event of an inconsistency between provisions of this Bid/Pricing Agreement/Contract, the inconsistency shall be resolved by giving precedence in the following order: (i) Bid/Pricing Agreement/Contract articles, (ii) Technical Specifications, (iii) Specifications, (iv) Notice to Bidders, (v) General Instructions and Requirements for Bidders, (vi) other requirements provided by the Contracting Entity in the bid packet, then (vii) attachments, notes, and exceptions by Bidder.

PAYMENT METHODS

The ordering departments will utilize purchase order numbers or purchasing cards for ordering the goods and services they require as the need arises during the Bid/Pricing Agreement/Contract period.

The Contracting Entity shall not be held liable for any damages sustained by any Bidder for delivery of goods or services awarded by Bid/Pricing Agreement/Contract unless accompanied by an authorized purchase order or purchasing card reference name and number. Delivery of goods or services to any department of Contracting Entity without a purchase order document, purchase order number or purchasing card reference name and number given at the time the order is placed shall constitute an unauthorized purchase.

PAYMENT/INVOICE

Payments will be processed promptly after completion of delivery of ordered items and after receipt of properly prepared invoices.

The original invoice must be mailed directly to the Oklahoma City Water Utilities Trust, Attn: Finance Operations, 420 West Main, Suite 500, Oklahoma City, OK 73102. In addition, invoices and payment correspondence may be emailed to wwfinancepayables@okc.gov. Copies of invoices may be sent to other addresses upon request. However, if the original invoice is sent to any other address, payment will be delayed, or may not be processed at all.

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Invoices must contain the following information:

- a. Bidder's name and address
- b. Ship to address (department name)
- c. Purchase order number - **MUST BE INDICATED ON THE INVOICE**
- d. Itemization of each item purchased to include:
 - i. description/stock number
 - ii. unit price
 - iii. quantity
 - iv. unit of issue (each, box, dozen, pound, etc.)
 - v. total price
- e. Total amount of invoice
- f. Date of delivery

*Invoices should not reflect any outstanding backorders.

WARRANTY

The Bidder warrants that at the time of delivery, all items furnished under this Bid/Pricing Agreement/Contract will be free from defects in material or workmanship and will conform to the specifications and all other requirements of this Bid/Pricing Agreement/Contract. All Bidders will furnish with their bid one copy of their warranty applicable to the supplies or equipment to be furnished.

As to any item which does not conform to this warranty, the Bidder agrees that the Contracting Entity shall have the right to:

- a) Reject and return each nonconforming item to the Bidder for correction or replacement at the Bidder's expense; or
- b) Require an equitable adjustment in the Bid/Pricing Agreement/Contract price.

This warranty shall be in addition to any other rights of the Contracting Entity.

All equipment warranties shall start on the date of installation and will be for the full term of said warranty.

GENERAL PROVISIONS

The following documents are attached or by this reference incorporated as a part of this Bid/Pricing Agreement/Contract:

- a. Bid/Pricing Agreement/Contract Form & Non-Discrimination Statement
- b. Anti/Non-collusion Affidavit
- c. General Instructions and Requirements for Bidders
- d. Supplier Contact Form
- e. Technical Specifications
- f. Oklahoma Open Records Act and Confidential Information
- g. W-9 Request for Taxpayer Identification Number and Certification
- h. Vendor Registration Form

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- i. Exhibit A – Federal Acquisition Regulations
- j. Bid Form A – Technical Questionnaire

INSURANCE REQUIREMENTS

The following insurance requirements are applicable and must be obtained prior to award if the bid submitted includes on-site installation, on-site maintenance services or other repair services to be performed on the Contracting Entity's property, or if insurance coverage is otherwise requested by the Contracting Entity.

WORKERS' COMPENSATION AND EMPLOYER'S LIABILITY INSURANCE:

The Bidder shall carry Worker's Compensation Insurance in amounts as prescribed by the laws of the State of Oklahoma.

GENERAL LIABILITY INSURANCE: The Bidder shall carry a general liability insurance policy to protect the Bidder and any the Contracting Entity as Additional Insured from claims for property damage and bodily injury including death, or other loss which may arise directly or indirectly from the activities, omissions, and operations of the Bidder under the Bid/Pricing Agreement/Contract, whether such activities, omissions, and operations be by the Bidder, its subcontractor, or by anyone employed by or acting for the benefit of the Bidder in conjunction with this Bid/Pricing Agreement/Contract. The general liability policy shall have, at a minimum, the following coverage amounts:

Property Damage Liability - Limits shall be carried in the amount of not less than twenty-five thousand dollars (\$25,000) to any one person for any single claim for damage to or destruction of property arising out of a single act, accident, or occurrence.

All Other Liability - In the amount not less than one hundred seventy-five thousand dollars (\$175,000) for claims including accidental death, personal injury, and all other claims to any one person out of a single act, accident, or occurrence.

General Aggregate Limit- In an amount not less than one million dollars (\$1,000,000) for any number of claims arising out of a single act, occurrence or accident.

AUTOMOBILE LIABILITY INSURANCE – The Bidder shall maintain automobile insurance coverage in, at a minimum, the amounts required by Oklahoma law as to the ownership, maintenance, and use of all owned, non-owned, leased or hired vehicles and equipment when said vehicles or equipment is utilized to meet the requirements of this contract.

The insurance policies required herein shall be issued by a company authorized to do business in the state of Oklahoma and acceptable to Contracting Entity. Upon request, the Contracting Entity shall be furnished with a Certificate of Insurance evidencing all of the above-referenced requirements. All policies shall be in the form of an "occurrence" insurance coverage or policy.

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If any insurance is written in a “claims made” form, the Bidder shall also provide tail coverage that extends a minimum of two years from the expiration of the Bid/Pricing Agreement/Contract. Unless stated otherwise above, all policies must be fully insured with any single deductible not exceeding \$25,000. Bidder or Bidder’s insurance company must provide Contracting Entity at least thirty (30) days’ prior written notice of any cancellation or material coverage change in their policies. **The Contracting Entity shall be listed as a Certificate Holder. This Bid/Pricing Agreement/Contract requires that Contracting Entity, including The City of Oklahoma City and its participating public trusts to this Bid/Pricing Agreement/Contract whether named herein or by reference only, be named as additional insured on the Bidder’s insurance policies, except Worker’s Compensation and Employer’s Liability Insurance, to the full limits of the policies and consistent with the same coverages available to the named insured. Any blanket additional insured endorsement which limits coverage to any Contracting Entity is not compliant with this Bid/Pricing Agreement/Contract and shall be considered a breach. Contracting Entity must be provided with a Certificate of Insurance or Endorsement evidencing Contracting Entity’s additional insured status prior to contract award. The policy description shall state the following: “Additional insured(s) on the listed policies are those required in the contract.”**

Unless otherwise approved by the Contracting Entity prior to contract award, self-insured retentions will not be accepted unless accompanied by a bond or irrevocable letter of credit guaranteeing payment of the losses, related investigations, claim administration, and defense expenses not otherwise covered by the Bidder’s self-insured retention.

SAFETY/RESPONSIBILITY

The Bidder is to assure their employees are work and safety-trained, knowledgeable of all job-related hazards and must document the training of their employees. The Bidder must assure employees follow all safety rules; and must report to plant personnel any hazards and/or occurrence.

SAFETY DATA SHEETS

Any Bidder supplying goods or materials to the Contracting Entity that require a Safety Data Sheet (SDS) will furnish the required sheet or a composite concentration list in one of the following manners:

- Submitted as part of the proposal document
- Submitted prior to Agreement/Contract award
- Submitted with the product invoice
- Submitted at the request of the Contracting Entity

In all instances, the Bidder shall furnish the safety data sheets with the products at delivery, and shall comply with all local, state, and federal laws providing for identification of materials transported to the Contracting Entity. The appropriate proposal number, Bid/Pricing Agreement/Contract number, delivery ticket number, or invoice number shall be clearly marked on the safety data sheet or the composite concentration lists. Information regarding Safety Data

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Sheets can be found on-line at <https://www.osha.gov/Publications/OSHA3514.html>. Any question regarding this requirement should be directed to the following address:

Oklahoma City Risk Management Division
420 W. Main Street, Suite 630
Oklahoma City, Oklahoma 73102
(405) 297-3891

BRAND NAMES/EXAMPLES

Any brand names are used for **comparative purposes only**. Slight variations from the measurements and sizes given that do not compromise the requirements of the bid specifications may be considered.

Specific brand names are used solely for reference. The Contracting Entity will consider any lines, which have been previously accepted by the Utilities Department, Engineering Division located online at <https://www.okc.gov/home/showdocument?id=8>.

RIGHT TO ACCEPT OR REJECT AND WAIVING OF FORMALITIES

The Contracting Entity reserves the right to reject any or all bids, to waive certain formalities, or to award the Bid/Pricing Agreement/Contract to the lowest and best bidder(s) depending upon the selection criteria.

WHOLE AGREEMENT

It is expressly agreed by and between the parties hereto that the provisions embodied in the General Instructions and Requirements for Bidders, Specifications and Technical Specifications contain all covenants, agreements, obligations, rights, duties, and stipulations agreed upon by the parties hereto upon the execution hereof. No statements or representations, oral or written, not incorporated herein shall be a part of the Bid/Pricing Agreement/Contract.

INDEPENDENT BIDDER

Bidder is, and shall always remain, an independent Bidder with respect to activities and conduct while engaged in the performance of services for the Contracting Entity under this Bid/Pricing Agreement/Contract. It is expressly understood and agreed by the parties that Bidder shall provide all items and perform all work and services described herein as an independent Bidder and not as an officer, agent, servant, or employee of Contracting Entity or the City of Oklahoma City; that Bidder shall have exclusive control of and the exclusive right to control the details of the item, work and services performed hereunder and all persons performing the same; that Bidder shall be solely responsible for the acts and omissions of its officers, agents, employees, and Bidders, if any; and that nothing herein shall be construed as creating a partnership or joint venture between the Contracting Entity, Oklahoma City and/or the Bidder.

INDEMNITY REQUIREMENTS

The Bidder assumes all risks incident to or in connection with its purpose to be conducted herein under and shall indemnify, defend and save Contracting Entity harmless from damage or injuries of whatever nature or kind to persons or property arising directly or indirectly out of the Bidder's

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operations and transportation of the Contracting Entity's equipment to and from repair site regardless of fault and arising from acts or omissions of its employees regardless of fault and shall indemnify, defend, and save harmless Contracting Entity from any penalties for violation of any law, ordinance or regulation affecting or having application to said operation.

ADDENDA

It is the Bidder's responsibility to log into the electronic bidding system to monitor any addenda that may be issued during the process. A Bidder's bid will not be accepted if all addenda have not been acknowledged by the Bidder through the electronic bidding system. If you are set up for electronic notifications through the electronic bidding system, you should receive a notification by e-mail when addenda are issued.

CLARIFICATION

Any explanation, clarification, or interpretation desired by a Bidder regarding any part of the solicitation must be requested in writing with sufficient time allowed for a written addendum to reach each Bidder before the submission of their bid. Interpretations, corrections, or changes to the solicitation made in any other manner are not binding upon the Contracting Entity, and Bidders shall not rely upon such interpretations, corrections, or changes. Oral explanations or instructions given before the award of the pricing agreement are not binding.

Technical questions are to be addressed through the electronic bidding system and the Contracting Entity will respond electronically and issue addenda if it deems necessary.

These specifications constitute a vital part of the Bidder's bid. The bid must be submitted on these specifications and include any addenda. Failure to do so will result in a recommendation of bid rejection.

UNDUE INFLUENCE

Upon advertising this solicitation, no officer, employee, agent, or representative of the Bidder shall have any contact or discussion, verbal or written, with any representative of the Contracting Entity (i.e., Trust Officer, City Council member, City staff, etc.) either directly or indirectly through others in which the Bidder seeks to influence any representative of the Contracting Entity regarding any matters pertaining to this solicitation.

Contacts by the Bidder with the Contracting Entity that do not pertain to a solicitation are exempt from this provision. Examples of these exempt contacts are:

- Private, non-business, contacts with the Contracting Entity by the Bidder's employees acting in their personal capacity.
- Business contacts outside of this solicitation that the Contracting Entity may have with the Bidder.
- Presentations and/or responses to inquiries initiated by the Contracting Entity
- Pre-bid or pre-proposal conferences.
- Discussions with the Contracting Entity or its staff as outlined in the bid packet.

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If a representative of any Bidder submitting a bid violates the foregoing prohibition by contacting any of these parties, such contact may result in the Bidder being disqualified from the procurement process.

AWARD METHODOLOGY

The Contracting Entity anticipates awarding the Pricing Agreement for “OCWUT 27-24” on the Bidder’s ability to meet the requirements of the specifications, lowest and best unit price and best delivery schedule.

- A. The Contracting Entity reserves the right to award this Bid/Pricing Agreement/Contract by line item, by group of items, or all items of the bid; to reject any or all bids in whole or in part, if it is in the best interest of the Contracting Entity. “All or none” type bids will be considered only when it is deemed by the Contracting Entity to be in its best interest.
- B. The Contracting Entity may choose to award contract(s) of a particular item or group of items to one or more Bidder. Generally, the Bidder (s) will be identified as Primary or Secondary Bidder for the items or group of items based on the lowest and best bids(s) for those items or groups of items. From time to time, the Contracting Entity will make a multiple award of a particular item or group of items due to the uniqueness of products or services available based on received bids and the needs of the Contracting Entity. In the event all bid(s) received for a single item or groups of items exceed the stated delivery requirements, the Contracting Entity reserves the right to consider the bids. In the event of similar/identical bids per line item or group of items, the award may be based on shortest delivery as per response from the Bidder’s delivery schedule sheet.

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TECHNICAL SPECIFICATIONS

Pricing must be submitted in Periscope, the electronic bidding system. Technical questions are to be addressed through the electronic bidding system and the Contracting Entity will respond electronically if it deems necessary.

General

Bidder must submit pricing and complete a Technical Questionnaire (Bid Form A) for each hydrant brand through the electronic bidding system.

The Contracting Entity's Terms and Conditions supersede any and all Terms and Conditions as shown in catalogues submitted with bids.

Group 1: Traffic Model Fire Hydrants

General

All fire hydrants furnished under these specifications shall be of dry-top model design conforming to **AWWA Standard for Waterworks Service, AWWA #C-502 Standard for Dry Top Fire Hydrants**, latest revision, with the selective details listed.

Brands of Fire Hydrants

Fire Hydrants furnished under this contract shall be one of the brands listed below, with all selective requirements noted:

American Flow Control Darling Model B84B-5
Clow Medallion
EJ (East Jordan) Watermaster® 5CD250
Mueller Super Centurion 200 Model A-423 (REPAIR PARTS ONLY)
U.S. Metropolitan – 94 (REPAIR PARTS ONLY)
M & H Model 129 (REPAIR PARTS ONLY)

NO OTHER BRAND/MODEL OF FIRE HYDRANT IS APPROVED BY THE CITY OF OKLAHOMA CITY AND WILL NOT BE CONSIDERED FOR PURCHASE.

Drawing and Parts List

Each vendor bidding on these specifications shall have on file at the Oklahoma City Utilities Department (Engineering Division), and at the Oklahoma City Public Works Department, certified reproducible assembly drawings – approved by the City Engineer and by the Utilities Director – of the hydrants to be furnished under these specifications, and shall refer to the specific drawing number in their bid. Offerings having exceptions or modifications of design must be accompanied by new detailed drawings and statements of changes effected. **Failure to meet these requirements shall be sufficient cause for disqualification of bid.**

Drawings furnished under this requirement shall show principal dimensions, including metal

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thickness and construction details of materials used in all parts of the hydrant ready to install shall be stated.

Each vendor bidding on these specifications shall submit comprehensive parts list with sufficient drawings, detailed language, and component number to clearly identify replacement parts, tools, and accessories

Group 2: Ductile Iron Bodied Butterfly Valves

General

All butterfly valves and components shall be manufactured in strict compliance with **ANSI/AWWA AC504-87** (Revision of **ANSI/AWWA C504-00**) titled **AWWA Standard for Rubber-Seated Butterfly Valves**.

Approved valves can be viewed here: <https://www.okc.gov/departments/public-works/engineer-architect-resources/standards>. Under Standard Specifications – Section 250.

Bidders who are bidding valves not approved or specifically identified, may provide pricing for their equivalent valves and they will be evaluated to be approved.

IRON BODIES

Valves shall have been previously approved by the Oklahoma City Utilities Department: ref. the above-cited standard, Section 1.1.1.4, Mechanical-joint-end valves; class 150B in sizes 3” through 24”, and all classes in sizes 30” through 48”. Responsibility rests with the bidder(s) submit materials that meet with our minimum requirements for approval.

MECHANICAL JOINTS

Mechanical-joint bell dimensions shall conform to **ANSI/AWWA C111/A21.11**. Slots with the same width as the diameter of the bolt holes may be provided, instead of holes in the bell flange, only at those places where the valve body interferes with the inserting of bolts. Unless otherwise, specifically requested by OCWUT, bodies of all valves shall be cast of iron, ductile iron, and/or alloy cast iron.

BRONZE OR BRASS

Components of bronze and/or brass shall be made to ASTM or Copper Development Association recognized alloy specifications.

TESTS

Whenever valve components are to be made in conformance with ALTM or other standards that include test requirements or testing procedures, the valve manufacturer shall meet such requirements or procedures. The records of such test shall be made available if required by OCWUT.

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ACCESSORIES

All butterfly valves shall be furnished complete with beveled-gasket-type Mechanical Joint accessories, as well as any other recognized necessary appurtenances. (The accessories should include a gland pack. The gland pack will contain gaskets, bolts, nuts, and glands for the valve and any parts required for installation.)

Group 3: Ductile Iron Bodied Gate Valves and Tapping Valves

General

All valves and components of Group 3 shall conform to **AWWA specifications C509**. Bidders are responsible for submitting materials for approval that meet the minimum requirements.

IRON BODIES

Valves shall be American Flow Control, M & H, Clow, EJ (East Jordan) or equal, approved by OCWUT; non-rising stem; open left; parallel seat designed for 175 lbs. working pressure in sizes from 2" through 12", and 150 lbs. working pressure in sizes from 14" through 48"; and shall conform to the latest AWWA specifications.

If items bid in sizes 1" through 14" are of the resilient seat type, they shall be required to meet or exceed the requirements of **ANSI/AWWA 509** latest revision. Valves shall be provided with beveled-type mechanical joint accessories. Sealing mechanism shall provide zero leakage at the water working pressure against line flow from either direction and be designed so that no exposed metal seams, edges, screws, etc. are within the waterway in the closed position.

Tapping Valves are to have connecting flanges, standard 125 lbs. with centering lip on the valve flange to fit recess or counterbore on the outlet tapping sleeve flange. The outlet end of the valve shall have a combination mechanical joint end and tapping matching flange. Bolts furnished for the tapping sleeve flange outlet shall be galvanized, sherardized, cadmium plated or equal. All valves shall open left (counterclockwise) and contain O-ring stuffing box. Unless otherwise specified in the form for bidders, valves shall be equipped with standard operating nut.

OKLAHOMA CITY STANDARD SPECIFICATIONS SECTION 520.1

- (1) Gate (Metal Seated) AWWA C-500 & C-515
- (2) Gate (Resilient Seated) AWWA C-509 & C-515
- (3) Tapping AWWA C-500 & C-515 3" – 48"

The following City approved gate valves are listed below:

American Flow Control, Series 2500-1, R W
M&H, Style 4067, R W
Clow, Model 2639/2640, R W
EJ (East Jordan), FlowMaster®, R W

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Group 4: Mechanical Joint Valves

See electronic submittal for line items.

Group 5: Hydrant & Valve Repair Parts

See electronic submittal for line items.

Group 6: Shop Labor & Service Call Response Time

See electronic submittal for line items.

Group 7: Federal Acquisition Regulations

Bidders must indicate whether they are willing to provide goods in accordance with the Federal Acquisition Regulations (FAR) contract clauses as it applies to goods. See Periscope Item list to indicate Yes or No regarding FAR. Participation is optional but must be indicated either way. Exhibit A contains the applicable FAR contract clauses.

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LETTER OF AUTHORIZATION

THIS LETTER OF AUTHORIZATION MUST BE COMPLETED IF THE ATTACHED
LEGALLY BINDING DOCUMENT WAS NOT SIGNED BY THE STATUTORILY
AUTHORIZED OFFICER ON BEHALF OF THE CONTRACTING ENTITY

City of Oklahoma City or related Public Trust:

This letter authorizes _____
(PRINTED NAME OF AUTHORIZED AGENT)

to sign the attached legally binding document on behalf of _____
(CONTRACTING ENTITY)

_____.

Sincerely,

Signature of Authorizing Officer Printed Title Date

Printed Name of Authorizing Officer Email Address of Authorizing Officer

NOTE: If the Contracting Entity is a(n):
Corporation The authorizing officer **must** be: President, Vice-President, Chairperson, or Vice-Chairperson
LLC The authorizing officer **must** be: Manager, Managing Member, President, or Vice-President
Partnership The authorizing officer **must** be: General Partner
Joint Venture The authorizing officer **must** be: An Authorized Officer of Each of the Ventures

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SECTION I

Contract Clauses

In the event of any inconsistencies between non-mandatory FAR and DFARS clauses incorporated by reference herein or elsewhere and any clauses set forth in full text in this Contract, the full text clauses shall control.

I.1 FAR 52.252-2 Clauses Incorporated by Reference (Feb 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address:

<https://www.ecfr.gov/>
(End of Clause)

I.2 FAR Clauses

The following FAR clauses are incorporated by reference:

FAR Paragraph	Clause Title	IAW	Date
52.202-1	Definitions	FAR 2.201	Jun 2020
52.203-3	Gratuities	FAR 3.202	Apr 1984
52.203-5	Covenant Against Contingent Fees	FAR 3.404	May 2014
52.203-6	Restrictions on Subcontractor Sales to the Government	FAR 3.503-2	Jun 2020
52.203-7	Anti-Kickback Procedures	FAR 3.502-3	Jun 2020
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	FAR 3.104-9(a)	May 2014
52.203-10	Price or Fee Adjustment for Illegal or Improper Activity	FAR 3.104-9(b)	May 2014
52.203-12	Limitation on Payments to Influence Certain Federal Transactions	FAR 3.808(b)	Jun 2020
52.203-13	Contractor Code of Business Ethics and Conduct	FAR 3.1004(a)	Jun 2020
52.203-17	Contractor Employee Whistleblower Rights and Requirements to Inform Employees of Whistleblower Rights	FAR 3.908-9	Jun 2020
52.203-19	Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements	FAR 3.909-3(b)	Jan 2017
52.204-4	Printed or Copied Double-sided on Postconsumer Fiber Content Paper	FAR 4.303	May 2011
52.204-9	Personal Identity Verification of Contractor Personnel	FAR 4.1303	Jan 2011

FAR Paragraph	Clause Title	IAW	Date
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	FAR 4.1403(a)	Jun 2020
52.204-13	System for Award Management Maintenance	FAR 4.1105(b)	Oct 2018
52.204-19	Incorporation by Reference of Representations and Certifications	FAR 4.1202(b)	Dec 2014
52.204-23	Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities	FAR 4.2004	Jul 2018
52.207-3	Right of First Refusal of Employment	FAR 7.305(c)	May 2006
52.209-6	Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment	FAR 9.409	Jun 2020
52.209-9	Updates of Publicly Available Information Regarding Responsibility Matters	FAR 9.104-7(c)	Oct 2018
52.215-2	Audit and Records – Negotiation	FAR 15.209(b)	Jun 2020
52.215-8	Order of Precedence – Uniform Contract Format See Section C.1 of contract	FAR 15.209(h)	Oct 1997
52.215-11	Price Reduction for Defective Certified Cost or Pricing Data—Modifications	FAR 15.408(c)	Jun 2020
52.215-13	Subcontractor Certified Cost or Pricing Data— Modifications <i>DEVIATION 2018-00015</i>	FAR 15.408(e)	Jun 2020 May 2018
52.215-21	Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data – Modifications	FAR 15.408(m)	Jun 2020
52.219-8	Utilization of Small Business Concerns	FAR 19.708(a)	Oct 2018
52.219-9	Small Business Subcontracting Plan <i>Alternate II</i>	FAR 19.708(b)	Jun 2020 Alt II Nov 2016
52.219-16	Liquidated Damages—Subcontracting Plan	FAR 19.708(b)(2)	Jan 1999
52.219-28	Post-Award Small Business Program Representation	FAR 19.309(c)	May 2020
52.222-1	Notice to the Government of Labor Disputes	FAR 22.103-5(a)	Feb 1997
52.222-3	Convict Labor	FAR 22.202	Jun 2003
52.222-4	Contract Work Hours and Safety Standards—Overtime Compensation	FAR 22.305	Mar 2018
52.222-21	Prohibition of Segregated Facilities	FAR 22.810(a)(1)	Apr 2015
52.222-26	Equal Opportunity	FAR 22.810(e)	Sep 2016

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FAR Paragraph	Clause Title	IAW	Date
52.222-37	Employment Reports on Veterans	FAR 22.1310(b)	Jun 2020
52.222-40	Notification of Employee Rights Under the National Labor Relations Act	FAR 22.1605	Dec 2010
52.222-50	Combating Trafficking in Persons	FAR 22.1705(a)(1)	Jan 2019
52.222-54	Employment Eligibility Verification	FAR 22.1803	Oct 2015
52.223-3	Hazardous Material Identification and Material Safety Data	FAR 23.303	Jan 1997
52.223-5	Pollution Prevention and Right-to-Know Information <i>Alternate I</i>	FAR 23.1005(b)	May 2011 Alt I May 2011
52.223-6	Drug-Free Workplace	FAR 23.505	May 2001
52.223-12	Maintenance, Service, Repair, or Disposal of Refrigeration Equipment and Air Conditioners	FAR 23.804(a)(2)	Jun 2016
52.223-18	Encouraging Contractor Policies to Ban Text Messaging While Driving	FAR 23.1105	Jun 2020
52.225-13	Restrictions on Certain Foreign Purchases	FAR 25.1103(a)	Jun 2008
52.227-1	Authorization and Consent	FAR 27.201-2(a)(1)	Jun 2020
52.227-2	Notice and Assistance Regarding Patent and Copyright Infringement	FAR 27.201-2(b)	Jun 2020
52.228-5	Insurance-Work on a Government Installation	FAR 28.310	Jan 1997
52.232-1	Payments	FAR 32.111(a)(1)	Apr 1984
52.232-8	Discounts for Prompt Payment	FAR 32.111(b)(1)	Feb 2002
52.232-11	Extras	FAR 32.111(c)(2)	Apr 1984
52.232-17	Interest	FAR 32.611(a) and (b)	May 2014
52.232-18	Availability of Funds	FAR 32.706-1(a)	Apr 1984
52.232-23	Assignment of Claims <i>Alternate I</i>	FAR 32.806(a)(1)	May 2014 Alt I Apr 1984
52.232-25	Prompt Payment	FAR 32.908(c)	Jan 2017
52.232-33	Payment by Electronic Funds Transfer - System for Award Management	FAR 32.1110(a)(1)	Oct 2018
52.232-39	Unenforceability of Unauthorized Obligations	FAR 32.706-3	Jun 2013

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FAR Paragraph	Clause Title	IAW	Date
52.232-40	Providing Accelerated Payments to Small Business Subcontractors	FAR 32.009-2	Dec 2013
52.233-1	Disputes <i>Alternate I</i>	FAR 33.215	May 2014 Alt I Dec 1991
52.233-3	Protest after Award	FAR 33.106(b)	Aug 1996
52.233-4	Applicable Law for Breach of Contract Claim	FAR 32.215(b)	Oct 2004
52.237-2	Protection of Government Buildings, Equipment, and Vegetation	FAR 37.110(b)	Apr 1984
52.237-3	Continuity of Services	FAR 37.110(c)	Jan 1991
52.242-13	Bankruptcy	FAR 42.903	Jul 1995
52.243-1	Changes – Fixed-Price <i>Alternate I</i>	FAR 43.205(a)(1)(2)	Aug 1987 Alt I Apr 1984
52.244-6	Subcontracts for Commercial Items	FAR 44.403	Jun 2020
52.246-25	Limitation of Liability – Services	FAR 46.805(a)(4)	Feb 1997
52.248-1	Value Engineering	FAR 48.201	Jun 2020
52.249-2	Termination for Convenience of the Government (Fixed-Price)	FAR 49.502(b)(1)(i)	Apr 2012
52.249-8	Default (Fixed-Price Supply and Service)	FAR 49.504(a)(1)	Apr 1984
52.252-6	Authorized Deviations in Clauses	FAR 52.107(f)	Apr 1984
52.253-1	Computer Generated Forms	FAR 53.111	Jan 1991

I.2.1 Disputes

The requirements of the Disputes clause at FAR 52.233-1 are supplemented to provide that in regard to the interpretation of retail rates, rate schedules and items directly related to rates and rate schedules provided under this contract, the parties agree to accept as authoritative the interpretation of any statewide public utility regulatory authority with jurisdiction over the contractor. The Government shall not be bound to accept as authoritative interpretations that conflict with Federal law or regulation or that are found by any administrative or judicial forum to: 1) result in discrimination against the Installation; 2) have resulted from abuse of discretion; or 3) have directly or indirectly resulted from any failure on the part of the regulatory authority or its members to comply with applicable laws and regulations.

I.3 DFARS Clauses Incorporated by Reference

The use in this contract of any Defense Federal Acquisition Regulation Supplement (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

The following DFARS clauses are incorporated by reference:

DFARS Paragraph	Clause Title	IAW	Date
252.203-7000	Requirements Relating to Compensation of Former DoD Officials	DFARS 203.171-4(a)	Sep 2011
252.203-7001	Prohibition on Persons Convicted of Fraud or Other Defense-Contract-Related Felonies	DFARS 203.570-3	Dec 2008
252.203-7002	Requirement to Inform Employees of Whistleblower Rights	DFARS 203.970	Sep 2013
252.203-7003	Agency Office of the Inspector General	DFARS 203.1004(a)	Aug 2019
252.203-7004	Display of Hotline Posters	DFARS 203.1004(b)(2)(ii)	Aug 2019
252.204-7000	Disclosure of Information	DFARS 204.404-70(a)	Oct 2016
252.204-7003	Control of Government Personnel Work Product	DFARS 204.404-70(b)	Apr 1992
252.204-7004	Level I Antiterrorism Awareness Training for Contractors	DFARS 204.7203	Feb 2019
252.205-7000	Provision of Information to Cooperative Agreement Holders	DFARS 205.470	Dec 1991
252.209-7004	Subcontracting with Firms that Are Owned or Controlled by the Government of a Country that is a State Sponsor of Terrorism	DFARS 209.409	May 2019
252.219-7003	Small Business Subcontracting Plan (DoD Contracts)—Basic	DFARS 219.708(b)(1)(A) and (b)(1)(A)(1)	Dec 2019
252.223-7001	Hazard Warning Labels	DFARS 223.303	Dec 1991
252.223-7004	Drug-Free Work Force	DFARS 223.570-2	Sep 1988
252.223-7006	Prohibition on Storage, Treatment, and Disposal of Toxic or Hazardous Materials--Basic	DFARS 223.7106 and 223.7106(a)	Sep 2014
252.223-7008	Prohibition of Hexavalent Chromium	DFARS 223.7306	Jun 2013
252.225-7012	Preference for Certain Domestic Commodities	DFARS 225.7002-3(a)	Dec 2017
252.225-7048	Export Controlled Items	DFARS 225.7901-4	Jun 2013
252.226-7001	Utilization of Indian Organizations, Indian-Owned Economic Enterprises, and Native Hawaiian Small Business Concerns	DFARS 226.104	Apr 2019
252.231-7000	Supplemental Cost Principles	DFARS 231.100-70	Dec 1991
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	DFARS 232.7004(a)	Dec 2018
252.232-7010	Levies on Contract Payments	DFARS 232.7102	Dec 2006

DFARS Paragraph	Clause Title	IAW	Date
252.235-7003	Frequency Authorization – Basic	DFARS 235.072(b)(1)	Mar 2014
252.236-7005	Airfield Safety Precautions	DFARS 236.570(b)(3)	Dec 1991
252.243-7001	Pricing of Contract Modifications	DFARS 243.205-70	Dec 1991
252.243-7002	Requests for Equitable Adjustment	DFARS 243.205-71	Dec 2012
252.244-7000	Subcontracts for Commercial Items and Commercial Components (DOD Contracts)	DFARS 244.403	Jun 2013
252.247-7023	Transportation of Supplies by Sea—Basic	DFARS 247.574(b)(1)	Feb 2019

I.4 Utility Services Clauses Incorporated by Reference

The following Utility Services FAR and DFARS clauses are incorporated herein by reference.

Paragraph	Clause Title	IAW	Date
52.241-4	Change in Class of Service (Applicable to Tariff Priced Contracts Only)	FAR 41.501(c)(3)	Feb 1995
52.241-5	Contractor's Facilities	FAR 41.501(c)(4)	Feb 1995
52.241-11	Multiple Service Locations	FAR 41.501(d)(5)	Feb 1995
252.241-7001	Government Access	DFARS 241.501-70(b)	Dec 1991

I.5 Clauses Incorporated by Reference: Construction Wage Rates Requirements

The following FAR clauses are incorporated by reference and apply to Initial System Deficiency Corrections, subsequent System Deficiency Corrections, and new connections that involve construction, alteration, or repair (including painting or decorating).

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Paragraph	Clause Title	IAW	Date
52.222-6	Construction Wage Rate Requirements	FAR 22.407(a)	Aug 2018
52.222-7	Withholding of Funds	FAR 22.407(a)	May 2014
52.222-8	Payrolls and Basic Records	FAR 22.407(a)	Aug 2018
52.222-9	Apprentices and Trainees	FAR 22.407(a)	Jul 2005
52.222-10	Compliance with Copeland Act Requirements	FAR 22.407(a)	Feb 1988
52.222-11	Subcontracts (Labor Standards)	FAR 22.407(a)	May 2014
52.222-12	Contract Termination – Debarment	FAR 22.407(a)	May 2014
52.222-13	Compliance with Construction Wage Rate Requirements and Related Regulations	FAR 22.407(a)	May 2014
52.222-14	Disputes Concerning Labor Standards	FAR 22.407(a)	Feb 1988
52.222-15	Certification of Eligibility	FAR 22.407(a)	May 2014

I.6 Other Clauses and Contract Texts

FAR 52.204-21 Basic Safeguarding of Covered Contractor Information Systems (Jun 2016)

(a) *Definitions.* As used in this clause--

“Covered contractor information system” means an information system that is owned or operated by a contractor that processes, stores, or transmits Federal contract information.

“Federal contract information” means information, not intended for public release, that is provided by or generated for the Government under a contract to develop or deliver a product or service to the Government, but not including information provided by the Government to the public (such as on public Web sites) or simple transactional information, such as necessary to process payments.

“Information” means any communication or representation of knowledge such as facts, data, or opinions, in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual (Committee on National Security Systems Instruction (CNSSI) 4009).

“Information system” means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information (44 U.S.C. 3502).

“Safeguarding” means measures or controls that are prescribed to protect information systems.

(b) Safeguarding requirements and procedures.

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- (1) The Contractor shall apply the following basic safeguarding requirements and procedures to protect covered contractor information systems. Requirements and procedures for basic safeguarding of covered contractor information systems shall include, at a minimum, the following security controls:
- (i) Limit information system access to authorized users, processes acting on behalf of authorized users, or devices (including other information systems).
 - (ii) Limit information system access to the types of transactions and functions that authorized users are permitted to execute.
 - (iii) Verify and control/limit connections to and use of external information systems.
 - (iv) Control information posted or processed on publicly accessible information systems.
 - (v) Identify information system users, processes acting on behalf of users, or devices.
 - (vi) Authenticate (or verify) the identities of those users, processes, or devices, as a prerequisite to allowing access to organizational information systems.
 - (vii) Sanitize or destroy information system media containing Federal Contract Information before disposal or release for reuse.
 - (viii) Limit physical access to organizational information systems, equipment, and the respective operating environments to authorized individuals.
 - (ix) Escort visitors and monitor visitor activity; maintain audit logs of physical access; and control and manage physical access devices.
 - (x) Monitor, control, and protect organizational communications (i.e., information transmitted or received by organizational information systems) at the external boundaries and key internal boundaries of the information systems.
 - (xi) Implement subnetworks for publicly accessible system components that are physically or logically separated from internal networks.
 - (xii) Identify, report, and correct information and information system flaws in a timely manner.
 - (xiii) Provide protection from malicious code at appropriate locations within organizational information systems.
 - (xiv) Update malicious code protection mechanisms when new releases are available.
 - (xv) Perform periodic scans of the information system and real-time scans of files from external sources as files are downloaded, opened, or executed.

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(2) *Other requirements.* This clause does not relieve the Contractor of any other specific safeguarding requirements specified by Federal agencies and departments relating to covered contractor information systems generally or other Federal safeguarding requirements for controlled unclassified information (CUI) as established by Executive Order 13556.

(c) *Subcontracts.* The Contractor shall include the substance of this clause, including this paragraph (c), in subcontracts under this contract (including subcontracts for the acquisition of commercial items, other than commercially available off-the-shelf items), in which the subcontractor may have Federal contract information residing in or transiting through its information system.

(End of clause)

FAR 52.204-25 Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (Aug 2020)

(a) Definitions. As used in this clause--

Backhaul means intermediate links between the core network, or backbone network, and the small subnetworks at the edge of the network (e.g., connecting cell phones/towers to the core telephone network). Backhaul can be wireless (e.g., microwave) or wired (e.g., fiber optic, coaxial cable, Ethernet).

Covered foreign country means The People's Republic of China.

Covered telecommunications equipment or services means--

(1) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);

(2) For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);

(3) Telecommunications or video surveillance services provided by such entities or using such equipment; or

(4) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Critical technology means--

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(1) Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;

(2) Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled--

(i) Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or

(ii) For reasons relating to regional stability or surreptitious listening;

(3) Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);

(4) Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);

(5) Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or

(6) Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817). Substantial or essential component means any component necessary for the proper function or performance of a piece of equipment, system, or service.

Interconnection arrangements means arrangements governing the physical connection of two or more networks to allow the use of another's network to hand off traffic where it is ultimately delivered (e.g., connection of a customer of telephone provider A to a customer of telephone company B) or sharing data and other information resources.

Reasonable inquiry means an inquiry designed to uncover any information in the entity's possession about the identity of the producer or provider of covered telecommunications equipment or services used by the entity that excludes the need to include an internal or third-party audit.

Roaming means cellular communications services (e.g., voice, video, data) received from a visited network when unable to connect to the facilities of the home network either because signal coverage is too weak or because traffic is too high.

(b) Prohibition. (1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. The Contractor is prohibited from providing to the Government any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an

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exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104.

(2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract, or extending or renewing a contract, with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract.

(c) Exceptions. This clause does not prohibit contractors from providing--

(1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(d) Reporting requirement.

(1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at <https://dibnet.dod.mil>. For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at <https://dibnet.dod.mil>.

(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause:

(i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts

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it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

(e) Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (e) and excluding paragraph (b)(2), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

(End of clause)

FAR 52.222-35: Equal Opportunity for Veterans (Jun 2020)

(a) *Definitions.* As used in this clause--

“Active duty wartime or campaign badge veteran,” “Armed Forces service medal veteran,” “disabled veteran,” “protected veteran,” “qualified disabled veteran,” and “recently separated veteran” have the meanings given at Federal Acquisition Regulation (FAR) 22.1301.

(b) Equal opportunity clause. The Contractor shall abide by the requirements of the equal opportunity clause at 41 CFR 60-300.5(a), as of March 24, 2014. This clause prohibits discrimination against qualified protected veterans, and requires affirmative action by the Contractor to employ and advance in employment qualified protected veterans.

(c) Subcontracts. The Contractor shall insert the terms of this clause in subcontracts valued at or above the threshold specified in FAR 22.1303(a) on the date of subcontract award, unless exempted by rules, regulations, or orders of the Secretary of Labor. The Contractor shall act as specified by the Director, Office of Federal Contract Compliance Programs, to enforce the terms, including action for noncompliance. Such necessary changes in language may be made as shall be appropriate to identify properly the parties and their undertakings.

(End of Clause)

FAR 52.222-36: Equal Opportunity for Workers with Disabilities (Jun 2020)

(a) Equal opportunity clause. The Contractor shall abide by the requirements of the equal opportunity clause at 41 CFR 60-741.5(a), as of March 24, 2014. This clause prohibits discrimination against qualified individuals on the basis of disability, and requires affirmative action by the Contractor to employ and advance in employment qualified individuals with disabilities.

(b) Subcontracts. The Contractor shall include the terms of this clause in every subcontract or purchase order in excess of the threshold specified in Federal Acquisition Regulation (FAR) 22.1408(a) on the date of subcontract award, unless exempted by rules, regulations, or orders of the Secretary, so that such provisions will be binding upon each subcontractor or vendor. The Contractor shall act as specified by the Director, Office of Federal Contract Compliance Programs of the U.S. Department of Labor, to enforce the terms, including action for noncompliance. Such necessary changes in language may be made as shall be appropriate to identify properly the parties and their undertakings.

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(End of Clause)

FAR 52.241-2: Order of Precedence—Utilities (FEB 1995)

In the event of any inconsistency between the terms of this contract (including the specifications) and any rate schedule, rider, or exhibit incorporated in this contract by reference or otherwise, or any of the Contractor's rules and regulations, Section C.1, Precedence, of this contract shall control.

(End of clause)

FAR 52.241-3: Scope and Duration of Contract (FEB 1995)

(a) For the period identified in F.2, Commencement of Service, the Contractor agrees to furnish and the Government agrees to purchase the utility services as set forth in the contract.

(b) It is expressly understood that neither the Contractor nor the Government is under any obligation to continue any service under the terms and conditions of this contract beyond the expiration date.

(End of clause)

FAR 52.241-6: Service Provisions (FEB 1995)

(a) Measurement of service.

(1) If required under the terms of the contract, the Contractor shall provide suitable metering equipment of standard manufacture, to be furnished, installed, maintained, repaired, calibrated, and read by the Contractor at its expense.

(2) When applicable, the Contractor shall read all meters at periodic intervals of approximately 30 days unless otherwise identified in this contract.

(b) Meter test.

(1) The Contractor, at its expense, shall periodically inspect and test Contractor-installed meters, if any, at intervals identified in this contract. The Government has the right to have representation during the inspection and test.

(2) At the written request of the Contracting Officer, the Contractor shall make additional tests of any or all such meters in the presence of Government representatives. The cost of such additional tests may be grounds for a request for equitable adjustment.

(c) Change in volume or character. Reasonable notice shall be given by the Contracting Officer to the Contractor regarding any material changes anticipated in the volume or characteristics of the utility service required at each location.

(d) Continuity of service and consumption. The Contractor shall use reasonable diligence to provide a regular and uninterrupted supply of service at each service location, and, unless otherwise stated in this contract, shall not be liable for damages, breach of contract or otherwise, to the Government for failure, suspension, diminution, or other variations of service occasioned by or in consequence of any cause beyond the control of the Contractor, including but not limited to acts of God or of the public enemy, fires, floods,

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earthquakes, or other catastrophe, strikes, or failure or breakdown of transmission or other facilities.

(End of clause)

FAR 52.241-7: Change in Rates or Terms and Conditions of Service for Regulated Services (FEB 1995)

(a) This clause applies to the extent services furnished under this contract are subject to regulation by a regulatory body. The Contractor agrees to give the Contracting Officer written notice of

(1) the filing of an application for change in rates or terms and conditions of service concurrently with the filing of the application and

(2) any changes pending with the regulatory body as of the date of contract award. Such notice shall fully describe the proposed change. If, during the term of this contract, the regulatory body having jurisdiction approves any changes, the Contractor shall forward to the Contracting Officer a copy of such changes within 15 days after the effective date thereof. The Contractor agrees to continue furnishing service under this contract in accordance with the amended tariff, and the Government agrees to pay for such service at the higher or lower rates as of the date when such rates are made effective.

(b) The Contractor agrees that throughout the life of this contract the applicable published and unpublished rate schedule(s) shall not be in excess of the lowest cost published and unpublished rate schedule(s) available to any other customers of the same class under similar conditions of use and service.

(c) In the event that the regulatory body promulgates any regulation concerning matters other than rates which affects this contract, the Contractor shall immediately provide a copy to the Contracting Officer. The Government shall not be bound to accept any new regulation inconsistent with Federal laws or regulations.

(d) Any changes to rates or terms and conditions of service, if in accordance with the terms of this contract, will become effective upon the issuance of a contract modification (unless otherwise specified in the contract). The effective date of the change shall be the effective date by the regulatory body. Any factors not governed by the regulatory body will have an effective date as agreed to by the parties.

(End of Clause)

FAR 52.243-7: Notification of Changes (Jan 2017)

(a) Definitions. "Contracting Officer," as used in this clause, does not include any representative of the Contracting Officer.

"Specifically Authorized Representative (SAR)," as used in this clause, means any person the Contracting Officer has so designated by written notice (a copy of which shall be provided to the Contractor) which shall refer to this subparagraph and shall be issued to the designated representative before the SAR exercises such authority.

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(b) Notice. The primary purpose of this clause is to obtain prompt reporting of Government conduct that the Contractor considers to constitute a change to this contract. Except for changes identified as such in writing and signed by the Contracting Officer, the Contractor shall notify the Administrative Contracting Officer in writing promptly, within 15 calendar days from the date that the Contractor identifies any Government conduct (including actions, inactions, and written or oral communications) that the Contractor regards as a change to the contract terms and conditions. On the basis of the most accurate information available to the Contractor, the notice shall state --

- (1) The date, nature, and circumstances of the conduct regarded as a change;
- (2) The name, function, and activity of each Government individual and Contractor official or employee involved in or knowledgeable about such conduct;
- (3) The identification of any documents and the substance of any oral communication involved in such conduct;
- (4) In the instance of alleged acceleration of scheduled performance or delivery, the basis upon which it arose;
- (5) The particular elements of contract performance for which the Contractor may seek an equitable adjustment under this clause, including --
 - (i) What line items have been or may be affected by the alleged change;
 - (ii) What labor or materials or both have been or may be added, deleted, or wasted by the alleged change;
 - (iii) To the extent practicable, what delay and disruption in the manner and sequence of performance and effect on continued performance have been or may be caused by the alleged change;
 - (iv) What adjustments to contract price, delivery schedule, and other provisions affected by the alleged change are estimated; and
- (6) The Contractor's estimate of the time by which the Government must respond to the Contractor's notice to minimize cost, delay or disruption of performance.

(c) Continued performance. Following submission of the notice required by paragraph (b) of this clause, the Contractor shall diligently continue performance of this contract to the maximum extent possible in accordance with its terms and conditions as construed by the Contractor, unless the notice reports a direction of the Contracting Officer or a communication from a SAR of the Contracting Officer, in either of which events the Contractor shall continue performance; provided, however, that if the Contractor regards the direction or communication as a change as described in paragraph (b) of this clause, notice shall be given in the manner provided. All directions, communications, interpretations, orders and similar actions of the SAR shall be reduced to writing promptly and copies furnished to the Contractor and to the Contracting Officer. The Contracting Officer shall promptly countermand any action which exceeds the authority of the SAR.

(d) Government response. The Contracting Officer shall promptly, within 60 calendar days after receipt of notice, respond to the notice in writing. In responding, the Contracting Officer shall either --

- (1) Confirm that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance;

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- (2) Countermand any communication regarded as a change;
- (3) Deny that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance; or
- (4) In the event the Contractor's notice information is inadequate to make a decision under subparagraphs (d)(1), (2), or (3) of this clause, advise the Contractor what additional information is required, and establish the date by which it should be furnished and the date thereafter by which the Government will respond.
- (e) Equitable adjustments.
- (1) If the Contracting Officer confirms that Government conduct effected a change as alleged by the Contractor, and the conduct causes an increase or decrease in the Contractor's cost of, or the time required for, performance of any part of the work under this contract, whether changed or not changed by such conduct, an equitable adjustment shall be made --
- (i) In the contract price or delivery schedule or both; and
- (ii) In such other provisions of the contract as may be affected.
- (2) The contract shall be modified in writing accordingly. In the case of drawings, designs or specifications which are defective and for which the Government is responsible, the equitable adjustment shall include the cost and time extension for delay reasonably incurred by the Contractor in attempting to comply with the defective drawings, designs or specifications before the Contractor identified, or reasonably should have identified, such defect. When the cost of property made obsolete or excess as a result of a change confirmed by the Contracting Officer under this clause is included in the equitable adjustment, the Contracting Officer shall have the right to prescribe the manner of disposition of the property. The equitable adjustment shall not include increased costs or time extensions for delay resulting from the Contractor's failure to provide notice or to continue performance as provided, respectively, in paragraphs (b) and (c) of this clause.

NOTE: The phrases "contract price" and "cost" wherever they appear in the clause, may be appropriately modified to apply to cost-reimbursement or incentive contracts, or to combinations thereof.

(End of Clause)

DFARS 252.204-7012: Safeguarding Covered Defense Information and Cyber Incident Reporting (Dec 2019)

(a) *Definitions.* As used in this clause—

Adequate security means protective measures that are commensurate with the consequences and probability of loss, misuse, or unauthorized access to, or modification of information.

Compromise means disclosure of information to unauthorized persons, or a violation of the security policy of a system, in which unauthorized intentional or unintentional disclosure, modification, destruction, or loss of an object, or the copying of information to unauthorized media may have occurred.

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Contractor attributional/proprietary information means information that identifies the contractor(s), whether directly or indirectly, by the grouping of information that can be traced back to the contractor(s) (e.g., program description, facility locations), personally identifiable information, as well as trade secrets, commercial or financial information, or other commercially sensitive information that is not customarily shared outside of the company.

Controlled technical information means technical information with military or space application that is subject to controls on the access, use, reproduction, modification, performance, display, release, disclosure, or dissemination. Controlled technical information would meet the criteria, if disseminated, for distribution statements B through F using the criteria set forth in DoD Instruction 5230.24, Distribution Statements on Technical Documents. The term does not include information that is lawfully publicly available without restrictions.

Covered contractor information system means an unclassified information system that is owned, or operated by or for, a contractor and that processes, stores, or transmits covered defense information.

Covered defense information means unclassified controlled technical information or other information, as described in the Controlled Unclassified Information (CUI) Registry at <http://www.archives.gov/cui/registry/category-list.html>, that requires safeguarding or dissemination controls pursuant to and consistent with law, regulations, and Governmentwide policies, and is—

- (1) Marked or otherwise identified in the contract, task order, or delivery order and provided to the contractor by or on behalf of DoD in support of the performance of the contract; or
- (2) Collected, developed, received, transmitted, used, or stored by or on behalf of the contractor in support of the performance of the contract.

Cyber incident means actions taken through the use of computer networks that result in a compromise or an actual or potentially adverse effect on an information system and/or the information residing therein.

Forensic analysis means the practice of gathering, retaining, and analyzing computer-related data for investigative purposes in a manner that maintains the integrity of the data.

Information system means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information.

Malicious software means computer software or firmware intended to perform an unauthorized process that will have adverse impact on the confidentiality, integrity, or availability of an information system. This definition includes a virus, worm, Trojan horse, or other code-based entity that infects a host, as well as spyware and some forms of adware.

Media means physical devices or writing surfaces including, but is not limited to, magnetic tapes, optical disks, magnetic disks, large-scale integration memory chips, and printouts onto which covered defense information is recorded, stored, or printed within a covered contractor information system.

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Operationally critical support means supplies or services designated by the Government as critical for airlift, sealift, intermodal transportation services, or logistical support that is essential to the mobilization, deployment, or sustainment of the Armed Forces in a contingency operation.

Rapidly report means within 72 hours of discovery of any cyber incident.

Technical information means technical data or computer software, as those terms are defined in the clause at DFARS 252.227-7013, Rights in Technical Data—Noncommercial Items, regardless of whether or not the clause is incorporated in this solicitation or contract. Examples of technical information include research and engineering data, engineering drawings, and associated lists, specifications, standards, process sheets, manuals, technical reports, technical orders, catalog-item identifications, data sets, studies and analyses and related information, and computer software executable code and source code.

(b) *Adequate security*. The Contractor shall provide adequate security on all covered contractor information systems. To provide adequate security, the Contractor shall implement, at a minimum, the following information security protections:

- (1) For covered contractor information systems that are part of an information technology (IT) service or system operated on behalf of the Government, the following security requirements apply:
 - (i) Cloud computing services shall be subject to the security requirements specified in the clause 252.239-7010, Cloud Computing Services, of this contract.
 - (ii) Any other such IT service or system (*i.e.*, other than cloud computing) shall be subject to the security requirements specified elsewhere in this contract.
- (2) For covered contractor information systems that are not part of an IT service or system operated on behalf of the Government and therefore are not subject to the security requirement specified at paragraph (b)(1) of this clause, the following security requirements apply:
 - (i) Except as provided in paragraph (b)(2)(ii) of this clause, the covered contractor information system shall be subject to the security requirements in National Institute of Standards and Technology (NIST) Special Publication (SP) 800-171, "Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations" (available via the internet at <http://dx.doi.org/10.6028/NIST.SP.800-171>) in effect at the time the solicitation is issued or as authorized by the Contracting Officer.
 - (ii)(A) The Contractor shall implement NIST SP 800-171, as soon as practical, but not later than December 31, 2017. For all contracts awarded prior to October 1, 2017, the Contractor shall notify the DoD Chief Information Officer (CIO), via email at osd.dibcsia@mail.mil, within 30 days of contract award, of any security requirements specified by NIST SP 800-171 not implemented at the time of contract award.
 - (B) The Contractor shall submit requests to vary from NIST SP 800-171 in writing to the Contracting Officer, for consideration by the DoD CIO. The Contractor need not implement any security requirement adjudicated by an authorized representative

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of the DoD CIO to be nonapplicable or to have an alternative, but equally effective, security measure that may be implemented in its place.

(C) If the DoD CIO has previously adjudicated the contractor's requests indicating that a requirement is not applicable or that an alternative security measure is equally effective, a copy of that approval shall be provided to the Contracting Officer when requesting its recognition under this contract.

(D) If the Contractor intends to use an external cloud service provider to store, process, or transmit any covered defense information in performance of this contract, the Contractor shall require and ensure that the cloud service provider meets security requirements equivalent to those established by the Government for the Federal Risk and Authorization Management Program (FedRAMP) Moderate baseline (<https://www.fedramp.gov/resources/documents/>) and that the cloud service provider complies with requirements in paragraphs (c) through (g) of this clause for cyber incident reporting, malicious software, media preservation and protection, access to additional information and equipment necessary for forensic analysis, and cyber incident damage assessment.

(3) Apply other information systems security measures when the Contractor reasonably determines that information systems security measures, in addition to those identified in paragraphs (b)(1) and (2) of this clause, may be required to provide adequate security in a dynamic environment or to accommodate special circumstances (e.g., medical devices) and any individual, isolated, or temporary deficiencies based on an assessed risk or vulnerability. These measures may be addressed in a system security plan.

(c) Cyber incident reporting requirement.

(1) When the Contractor discovers a cyber incident that affects a covered contractor information system or the covered defense information residing therein, or that affects the contractor's ability to perform the requirements of the contract that are designated as operationally critical support and identified in the contract, the Contractor shall—

(i) Conduct a review for evidence of compromise of covered defense information, including, but not limited to, identifying compromised computers, servers, specific data, and user accounts. This review shall also include analyzing covered contractor information system(s) that were part of the cyber incident, as well as other information systems on the Contractor's network(s), that may have been accessed as a result of the incident in order to identify compromised covered defense information, or that affect the Contractor's ability to provide operationally critical support; and

(ii) Rapidly report cyber incidents to DoD at <https://dibnet.dod.mil>.

(2) *Cyber incident report.* The cyber incident report shall be treated as information created by or for DoD and shall include, at a minimum, the required elements at <https://dibnet.dod.mil>.

(3) *Medium assurance certificate requirement.* In order to report cyber incidents in accordance with this clause, the Contractor or subcontractor shall have or acquire a DoD-

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approved medium assurance certificate to report cyber incidents. For information on obtaining a DoD-approved medium assurance certificate, see <https://public.cyber.mil/eca/>.

(d) *Malicious software.* When the Contractor or subcontractors discover and isolate malicious software in connection with a reported cyber incident, submit the malicious software to DoD Cyber Crime Center (DC3) in accordance with instructions provided by DC3 or the Contracting Officer. Do not send the malicious software to the Contracting Officer.

(e) *Media preservation and protection.* When a Contractor discovers a cyber incident has occurred, the Contractor shall preserve and protect images of all known affected information systems identified in paragraph (c)(1)(i) of this clause and all relevant monitoring/packet capture data for at least 90 days from the submission of the cyber incident report to allow DoD to request the media or decline interest.

(f) *Access to additional information or equipment necessary for forensic analysis.* Upon request by DoD, the Contractor shall provide DoD with access to additional information or equipment that is necessary to conduct a forensic analysis.

(g) *Cyber incident damage assessment activities.* If DoD elects to conduct a damage assessment, the Contracting Officer will request that the Contractor provide all of the damage assessment information gathered in accordance with paragraph (e) of this clause.

(h) *DoD safeguarding and use of contractor attributional/proprietary information.* The Government shall protect against the unauthorized use or release of information obtained from the contractor (or derived from information obtained from the contractor) under this clause that includes contractor attributional/proprietary information, including such information submitted in accordance with paragraph (c). To the maximum extent practicable, the Contractor shall identify and mark attributional/proprietary information. In making an authorized release of such information, the Government will implement appropriate procedures to minimize the contractor attributional/proprietary information that is included in such authorized release, seeking to include only that information that is necessary for the authorized purpose(s) for which the information is being released.

(i) *Use and release of contractor attributional/proprietary information not created by or for DoD.* Information that is obtained from the contractor (or derived from information obtained from the contractor) under this clause that is not created by or for DoD is authorized to be released outside of DoD—

- (1) To entities with missions that may be affected by such information;
- (2) To entities that may be called upon to assist in the diagnosis, detection, or mitigation of cyber incidents;
- (3) To Government entities that conduct counterintelligence or law enforcement investigations;
- (4) For national security purposes, including cyber situational awareness and defense purposes (including with Defense Industrial Base (DIB) participants in the program at 32 CFR part 236); or

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(5) To a support services contractor (“recipient”) that is directly supporting Government activities under a contract that includes the clause at 252.204-7009, Limitations on the Use or Disclosure of Third-Party Contractor Reported Cyber Incident Information.

(j) *Use and release of contractor attributional/proprietary information created by or for DoD.* Information that is obtained from the contractor (or derived from information obtained from the contractor) under this clause that is created by or for DoD (including the information submitted pursuant to paragraph (c) of this clause) is authorized to be used and released outside of DoD for purposes and activities authorized by paragraph (i) of this clause, and for any other lawful Government purpose or activity, subject to all applicable statutory, regulatory, and policy based restrictions on the Government's use and release of such information.

(k) The Contractor shall conduct activities under this clause in accordance with applicable laws and regulations on the interception, monitoring, access, use, and disclosure of electronic communications and data.

(l) *Other safeguarding or reporting requirements.* The safeguarding and cyber incident reporting required by this clause in no way abrogates the Contractor's responsibility for other safeguarding or cyber incident reporting pertaining to its unclassified information systems as required by other applicable clauses of this contract, or as a result of other applicable U.S. Government statutory or regulatory requirements.

(m) *Subcontracts.* The Contractor shall—

(1) Include this clause, including this paragraph (m), in subcontracts, or similar contractual instruments, for operationally critical support, or for which subcontract performance will involve covered defense information, including subcontracts for commercial items, without alteration, except to identify the parties. The Contractor shall determine if the information required for subcontractor performance retains its identity as covered defense information and will require protection under this clause, and, if necessary, consult with the Contracting Officer; and

(2) Require subcontractors to—

(i) Notify the prime Contractor (or next higher-tier subcontractor) when submitting a request to vary from a NIST SP 800-171 security requirement to the Contracting Officer, in accordance with paragraph (b)(2)(ii)(B) of this clause; and

(ii) Provide the incident report number, automatically assigned by DoD, to the prime Contractor (or next higher-tier subcontractor) as soon as practicable, when reporting a cyber incident to DoD as required in paragraph (c) of this clause.

(End of clause)

DFARS 252.232-7007: Limitation of Government's Obligation (APR 2014)

(a) Contract line item(s) 0001 through 0050 are incrementally funded. For these item(s), the sum of \$ 0.00 of the total price is presently available for payment and allotted to this contract. An allotment schedule is set forth in paragraph (j) of this clause.

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(b) For item(s) identified in paragraph (a) of this clause, the Contractor agrees to perform up to the point at which the total amount payable by the Government, including reimbursement in the event of termination of those item(s) for the Government's convenience, approximates the total amount currently allotted to the contract. The Contractor is not authorized to continue work on those item(s) beyond that point. The Government will not be obligated in any event to reimburse the Contractor in excess of the amount allotted to the contract for those item(s) regardless of anything to the contrary in the clause entitled "Termination for Convenience of the Government." As used in this clause, the total amount payable by the Government in the event of termination of applicable contract line item(s) for convenience includes costs, profit, and estimated termination settlement costs for those item(s).

(c) Notwithstanding the dates specified in the allotment schedule in paragraph (j) of this clause, the Contractor will notify the Contracting Officer in writing at least ninety days prior to the date when, in the Contractor's best judgment, the work will reach the point at which the total amount payable by the Government, including any cost for termination for convenience, will approximate 85 percent of the total amount then allotted to the contract for performance of the applicable item(s). The notification will state (1) the estimated date when that point will be reached and (2) an estimate of additional funding, if any, needed to continue performance of applicable line items up to the next scheduled date for allotment of funds identified in paragraph (j) of this clause, or to a mutually agreed upon substitute date. The notification will also advise the Contracting Officer of the estimated amount of additional funds that will be required for the timely performance of the item(s) funded pursuant to this clause, for a subsequent period as may be specified in the allotment schedule in paragraph (j) of this clause or otherwise agreed to by the parties. If after such notification additional funds are not allotted by the date identified in the Contractor's notification, or by an agreed substitute date, the Contracting Officer will terminate any item(s) for which additional funds have not been allotted, pursuant to the clause of this contract entitled "Termination for Convenience of the Government."

(d) When additional funds are allotted for continued performance of the contract line item(s) identified in paragraph (a) of this clause, the parties will agree as to the period of contract performance which will be covered by the funds. The provisions of paragraphs (b) through (d) of this clause will apply in like manner to the additional allotted funds and agreed substitute date, and the contract will be modified accordingly.

(e) If, solely by reason of failure of the Government to allot additional funds, by the dates indicated below, in amounts sufficient for timely performance of the contract line item(s) identified in paragraph (a) of this clause, the Contractor incurs additional costs or is delayed in the performance of the work under this contract and if additional funds are allotted, an equitable adjustment will be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the item(s), or in the time of delivery, or both. Failure to agree to any such equitable adjustment hereunder will be a dispute concerning a question of fact within the meaning of the clause entitled "Disputes."

(f) The Government may at any time prior to termination allot additional funds for the performance of the contract line item(s) identified in paragraph (a) of this clause.

(g) The termination provisions of this clause do not limit the rights of the Government under the clause entitled "Default." The provisions of this clause are limited to the work and allotment of funds for the contract line item(s) set forth in paragraph (a) of this clause. This clause no longer applies once the contract is fully funded except with regard to the rights or obligations of the parties concerning equitable adjustments negotiated under paragraphs (d) and (e) of this clause.

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(h) Nothing in this clause affects the right of the Government to terminate this contract pursuant to the clause of this contract entitled “Termination for Convenience of the Government.”

(i) Nothing in this clause shall be construed as authorization of voluntary services whose acceptance is otherwise prohibited under 31 U.S.C. 1342.

The parties contemplate that the Government will allot funds to this contract in accordance with B.3 Schedule.

(End of clause)

I-0001 I.128.01 FEDERAL, STATE, AND LOCAL TAXES (DLA Energy NOV 2011) (DEVIATION)

(a) As used in this contract provision—

- (1) **After-imposed tax** means any new or increased Federal, State, or local tax that the Contractor is required to pay or bear the burden of as the result of legislative, judicial, or administrative action taking effect after the contract date.
- (2) **After-relieved tax** means any amount of Federal, State, or local tax that would otherwise have been payable on the transactions or property covered by this contract, but which the Contractor is not required to pay or bear the burden of, or for which the Contractor obtains a refund or drawback, as the result of legislative, judicial, or administrative action taking effect after the contract date.
- (3) **All applicable Federal and State taxes** means all excise taxes that the taxing authority is imposing and collecting on the transactions or property covered by this contract pursuant to written ruling or regulation in effect on the contract date.
- (4) **Contract date** means the date set for bid opening or, if this is a negotiated contract or a modification, the date set for final revised prices.
- (5) **Local taxes** means taxes levied by the political subdivisions of the States, District of Columbia, or outlying areas of the United States, e.g., cities and counties.
- (6) **Outlying areas** means—
 - (i) **Commonwealths.** Puerto Rico and the Northern Mariana Islands;
 - (ii) **Territories.** American Samoa, Guam, and the U.S. Virgin Islands; and
 - (iii) Minor outlying islands. Baker Island; Howland Island, Jarvis Island; Johnston Atoll; Kingman Reef; Midway Islands; Navassa Island; Palmyra Atoll; and Wake Atoll.
- (7) **State taxes** means taxes levied by the States, the District of Columbia, or outlying areas of the United States.
- (8) **Tax** means taxes, duties and environmental or inspection fees, except social security or other employment taxes.

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- (b) The contract price includes all applicable Federal, State, and local taxes, except as otherwise provided.
- (c) The contract price shall be increased by the amount of any after-imposed tax if the Contractor states in writing that the contract price does not include any contingency for such tax.
- (d) The contract price shall be decreased by the amount of any after-relieved tax.
- (e) The contract price shall also be decreased by the amount of any tax that the Contractor is required to pay or bear the burden of, or does not obtain a refund of, through the Contractor's fault, negligence, or failure to follow instructions of the Contracting Officer.
- (f) The Contractor shall promptly notify the Contracting Officer of all matters relating to any tax that reasonably may be expected to result in either an increase or decrease in the contract price and shall take appropriate action as the Contracting Officer directs.
- (g) The Government shall, without liability, furnish evidence appropriate to establish exemption from any Federal, State, or local tax when the Contractor requests such evidence and a reasonable basis exists to sustain the exemption.

(End of clause)

(End of Section)

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OCWUT 36-24 Fire Hydrants, Valves, Repair Kits, & Services**BID FORM A - Technical Questionnaire**
(use a separate for each hydrant brand)

Bidders are to indicate compliance in the appropriate box, if applicable. Bidders should use the comments area for any and all exceptions.

A. Traffic Model Fire Hydrants, Selective Requirements	Compliance
1. Brand and Model of Hydrant	
2. Working Pressure: 150 PSI	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Size of Valve Opening: 5 ¼"	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Direction of Opening: Left (Counter-Clockwise)	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Size & Shape of Operating Nuts: 1 ½" Pentagonal	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Size & Shape of Nozzle Cap Nuts: 1 ½" Pentagonal	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. Hose Nozzle Threads: OKC Standard	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. Pumper Nozzle Threads: OKC Standard	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. Size & Type of Inlet Connection: 6" Mechanical Joint w/All Accessories	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. 2 ½" Hose Nozzle: Two (2) Each	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. 5" Pumper Nozzle: One (1) Each	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. Nozzle Cap Chains are Required	<input type="checkbox"/> Yes <input type="checkbox"/> No
13. Paint: Minimum Two (2) coats of international orange paint, Pittsburgh first line or approved equivalent.	<input type="checkbox"/> Yes <input type="checkbox"/> No
B. Traffic Model Fire Hydrants, Design Requirements	Compliance
1. Weather Bonnet	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. Nozzle Attachment to Barrel: Mechanically Attached (No Lead-in)	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Upper Valve Plate Material: Bronze	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. Seat Ring Material: Bronze	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. Seat Ring Thread Engagement: Bronze to Bronze	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Barrel Drain way: Bronze	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. Shoe Protection: Epoxy Coating	<input type="checkbox"/> Yes <input type="checkbox"/> No

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C. Comments (Indicate item number/name of part and describe exception)	

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Question and Answers for Bid #OCWUT 36-24 - Fire Hydrants, Valves, Repair Kits, & Services

Overall Bid Questions

There are no questions associated with this bid.

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