



Complete Price Book

Effective May 1st, 2024

define
design

deliver



Hayward's Statement of Quality Policy

Through the commitment to continuously improve our quality management system, Hayward Flow Control shall provide our customers, both internal and external, the resources, environment, products and service required to meet and exceed their expectations.

NSF/ANSI Standard 61 and NSF/ANSI 372

NSF/ANSI Standard 61 is a standard defining the requirements for products that are destined for use in drinking water systems. In summary, the standard requires immersion testing of all products that will come into contact with drinking water for any chemicals, compounds, elements, etc. that may leach into the water that passes through the product.

Hayward products that are NSF 61 certified can easily be found on the NSF website, www.NSF.org. Additionally, those products certified to NSF61-G are also certified to NSF/ANSI 372 and conforms with the lead content requirements for "lead free" plumbing as defined by California, Vermont, Maryland and Louisiana state laws and the U.S. Safe Drinking Water Act.

The following Hayward Flow Control products comply with this directive:

| PRODUCT | SIZE | WATER CONTACT TEMP | WATER CONTACT MATERIAL |
|---|--------------|--------------------|------------------------|
| TBH SERIES BALL VALVES (including vented ball) | | | |
| Hayward True Union Ball Valve (PVC) | 1/4" - 6" | CLD23 | MLTPL |
| Hayward True Union Ball Valve (CPVC) | 1/4" - 6" | CLD23 | MLTPL |
| CVH SERIES BALL VALVES (including vented ball) | | | |
| CVH Series Ball Valve (CPVC) | 1/4" - 6" | CLD 23 | MLTPL |
| CVH Series Ball Valve (PVC) | 1/4" - 6" | CLD 23 | MLTPL |
| TB SERIES BALL VALVES (including vented ball) | | | |
| Hayward True Union Ball Valve (PVC) | 1/4" - 4" | CLD23 | MLTPL |
| Hayward True Union Ball Valve (CPVC) | 1/4" - 4" | CLD23 | MLTPL |
| TC SERIES CHECK VALVES | | | |
| Hayward True Union Ball Check Valve (PVC) | 1/4" - 4" | CLD23 | MLTPL |
| Hayward True Union Ball Check Valve (CPVC) | 1/4" - 4" | CLD23 | MLTPL |
| BYV SERIES BUTTERFLY VALVES | | | |
| Hayward Butterfly Valve (PVC/EPDM) | 2" - 12" | CLD23 | MLTPL |
| Hayward Butterfly Valve (CPVC/EPDM) | 4" - 12" | D. HOT | MLTPL |
| BYCN SERIES BUTTERFLY VALVES (PVC/EPDM)* | 2" - 8" | CLD23 | MLTPL |
| SIMPLEX SB SERIES STRAINERS** | | | |
| Hayward Simplex Basket Strainer (PVC) | 1/2" - 8" | CLD23 | MLTPL |
| Hayward Simplex Basket Strainer (CPVC) | 1/2" - 8" | D. HOT | MLTPL |
| BFA SERIES (PVC/EPDM) BULKHEAD | 1/2" - 6" | CLD23 | MLTPL |
| BFAS SERIES (PVC/EPDM) BULKHEAD | 1/2" - 3" | CLD23 | MLTPL |
| FLOW CONTROL VALVES | | | |
| Universal Stopcock™ | 1/4" | CLD23 | MLTPL |
| RPV SERIES PRESSURE RELIEF VALVES | 1/2" - 4"*** | CLD23 | MLTPL |
| PBV SERIES BACK PRESSURE VALVES | 1/2" - 4"*** | CLD23 | MLTPL |

* Certified for use in distribution systems only.

** Certified for use in water treatment plant applications only with a minimum daily flow rate of 3,120 gallons.

*** See listing for specific size and material combination.

NOTE: Unless otherwise indicated for Materials, Certification is only for the Water Contact Material shown in the Listing.

Always consult NSF Listing online as changes and updates may occur.



BACKED BY HAYWARD FLOW
CONTROL'S EXCLUSIVE
THREE YEAR WARRANTY

Metric Pricing

Metric sizes and pricing are available for select products. See the Hayward Metric Price List.



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TBH SERIES TRUE UNION BALL VALVES



TBH Series true union ball valves are offered in PVC and CPVC.
System2™ Sealing Technology provides longer cycle life.*
O-rings are FPM or EPDM and seats are PTFE.
All valves are assembled with silicone free lubricant.

| SIZE | END CONN. | CTN QTY. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|--------------|-------------|-------------------|----------------|-----------------|-------------------|----------------|-----------------|
| | | | PART NO. | FPM (V0000) | EPDM (E0000) | PART NO. | FPM (V0000) | EPDM (E0000) |
| 1/4" | Socket | 12 | TBH1025A0S(XXXXX) | \$106.95 | \$106.95 | TBH2025A0S(XXXXX) | \$149.05 | \$149.05 |
| | Threaded | 12 | TBH1025A0T(XXXXX) | \$106.95 | \$106.95 | TBH2025A0T(XXXXX) | \$149.05 | \$149.05 |
| 3/8" | Socket | 12 | TBH1037A0S(XXXXX) | \$106.95 | \$106.95 | TBH2037A0S(XXXXX) | \$149.05 | \$149.05 |
| | Threaded | 12 | TBH1037A0T(XXXXX) | \$106.95 | \$106.95 | TBH2037A0T(XXXXX) | \$149.05 | \$149.05 |
| 1/2" | Skt/Thd** | 12 | TBH1050AST(XXXXX) | \$106.95 | \$93.95 | TBH2050AST(XXXXX) | \$149.05 | \$140.00 |
| | Socket | 12 | TBH1050A0S(XXXXX) | \$104.75 | \$89.30 | TBH2050A0S(XXXXX) | \$141.70 | \$133.00 |
| | Flanged | 1 | TBH1050A0F(XXXXX) | \$160.45 | \$144.20 | TBH2050A0F(XXXXX) | \$210.00 | \$195.00 |
| 3/4" | Skt/Thd** | 12 | TBH1075AST(XXXXX) | \$126.25 | \$115.95 | TBH2075AST(XXXXX) | \$185.20 | \$176.20 |
| | Socket | 12 | TBH1075A0S(XXXXX) | \$123.70 | \$110.10 | TBH2075A0S(XXXXX) | \$176.00 | \$167.60 |
| | Flanged | 1 | TBH1075A0F(XXXXX) | \$198.75 | \$182.00 | TBH2075A0F(XXXXX) | \$248.85 | \$232.10 |
| 1" | Skt/Thd** | 12 | TBH1100AST(XXXXX) | \$153.25 | \$134.10 | TBH2100AST(XXXXX) | \$226.50 | \$213.85 |
| | Socket | 12 | TBH1100A0S(XXXXX) | \$145.75 | \$127.30 | TBH2100A0S(XXXXX) | \$215.30 | \$203.10 |
| | Flanged | 1 | TBH1100A0F(XXXXX) | \$246.15 | \$222.00 | TBH2100A0F(XXXXX) | \$329.95 | \$305.75 |
| 1-1/4" | Skt/Thd** | 1 | TBH1125AST(XXXXX) | \$203.30 | \$177.80 | TBH2125AST(XXXXX) | \$313.25 | \$297.60 |
| | Socket | 1 | TBH1125A0S(XXXXX) | \$193.05 | \$169.05 | TBH2125A0S(XXXXX) | \$297.65 | \$282.80 |
| | Flanged | 1 | TBH1125A0F(XXXXX) | \$299.45 | \$259.90 | TBH2125A0F(XXXXX) | \$394.00 | \$345.15 |
| 1-1/2" | Skt/Thd** | 1 | TBH1150AST(XXXXX) | \$249.50 | \$224.05 | TBH2150AST(XXXXX) | \$375.20 | \$354.55 |
| | Socket | 1 | TBH1150A0S(XXXXX) | \$237.15 | \$212.75 | TBH2150A0S(XXXXX) | \$356.50 | \$336.80 |
| | Flanged | 1 | TBH1150A0F(XXXXX) | \$338.95 | \$317.35 | TBH2150A0F(XXXXX) | \$460.40 | \$426.00 |
| 2" | Skt/Thd** | 1 | TBH1200AST(XXXXX) | \$326.85 | \$293.45 | TBH2200AST(XXXXX) | \$515.00 | \$488.95 |
| | Socket | 1 | TBH1200A0S(XXXXX) | \$310.60 | \$278.75 | TBH2200A0S(XXXXX) | \$489.25 | \$464.60 |
| | Flanged | 1 | TBH1200A0F(XXXXX) | \$532.65 | \$488.25 | TBH2200A0F(XXXXX) | \$868.30 | \$767.05 |
| 2-1/2" | Socket | 1 | TBH1250A0S(XXXXX) | \$780.95 | \$661.70 | TBH2250A0s(XXXXX) | \$1,472.50 | \$1,383.40 |
| | Threaded | 1 | TBH1250A0T(XXXXX) | \$780.95 | \$661.70 | TBH2250A0T(XXXXX) | \$1,472.50 | \$1,383.40 |
| | Flanged | 1 | TBH1250A0F(XXXXX) | \$1,164.65 | \$986.75 | TBH2250A0F(XXXXX) | \$1,762.65 | \$1,494.55 |
| 3" | Socket | 1 | TBH1300A0S(XXXXX) | \$807.10 | \$685.05 | TBH2300A0s(XXXXX) | \$1,518.15 | \$1,425.50 |
| | Threaded | 1 | TBH1300A0T(XXXXX) | \$807.10 | \$685.05 | TBH2300A0T(XXXXX) | \$1,518.15 | \$1,425.50 |
| | Flanged | 1 | TBH1300A0F(XXXXX) | \$1,259.55 | \$1,066.95 | TBH2300A0F(XXXXX) | \$1,680.50 | \$1,676.75 |
| 4" | Socket | 1 | TBH1400A0S(XXXXX) | \$1,362.50 | \$1,205.50 | TBH2400A0S(XXXXX) | \$2,559.75 | \$2,445.30 |
| | Threaded | 1 | TBH1400A0T(XXXXX) | \$1,362.50 | \$1,205.50 | TBH2400A0T(XXXXX) | \$2,559.75 | \$2,445.30 |
| | Flanged | 1 | TBH1400A0F(XXXXX) | \$2,459.60 | \$2,177.10 | TBH2400A0F(XXXXX) | \$4,103.45 | \$3,867.85 |
| 6" | Flanged*** | 1 | TBH1600A0F(XXXXX) | \$3,197.05 | \$3,072.20 | TBH2600A0F(XXXXX) | \$5,274.75 | \$5,013.60 |

* System2™ Sealing Technology not available for sizes 2-1/2" to 6".

** Valves have socket and threaded end connections.

*** 4" valve venturied to 6".





TBH SERIES TRUE UNION BALL VALVES **ACTUATION READY**



TBH Series true union ball valves are offered in PVC and CPVC.
System2™ Sealing Technology provides longer cycle life.*
O-rings are FPM or EPDM and seats are PTFE.
All valves are assembled with silicone free lubricant.

ACTUATION HARDWARE AND ASSEMBLY - TBH SERIES

| SIZE | PART NO.* | LIST PRICE |
|-----------|-----------|------------|
| 1/2"-1" | TBHMKT1 | \$114.45 |
| 1-1/4"-2" | TBHMKT2 | \$140.75 |
| 2-1/2"-6" | TBHMKT3 | \$189.90 |

* The above part numbers are not for ordering extra hardware or mounting kits.
Please contact Customer Service for actuator mounting kit part numbers for specific actuator to valve combinations.

| SIZE | END CONN. | CTN QTY. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|--------------|-------------|-------------------|----------------|-----------------|-------------------|----------------|-----------------|
| | | | PART NO. | FPM (VK000) | EPDM (EK000) | PART NO. | FPM (VK000) | EPDM (EK000) |
| 1/2" | Skt/Thd** | 12 | TBH1050AST(XXXXX) | \$101.60 | \$89.30 | TBH2050AST(XXXXX) | \$141.70 | \$133.00 |
| | Socket | 12 | TBH1050A0S(XXXXX) | \$99.65 | \$84.80 | TBH2050A0S(XXXXX) | \$134.55 | \$126.30 |
| | Flanged | 1 | TBH1050A0F(XXXXX) | \$155.05 | \$135.80 | TBH2050A0F(XXXXX) | \$202.60 | \$187.90 |
| 3/4" | Skt/Thd** | 12 | TBH1075AST(XXXXX) | \$119.90 | \$110.10 | TBH2075AST(XXXXX) | \$176.00 | \$167.60 |
| | Socket | 12 | TBH1075A0S(XXXXX) | \$117.50 | \$104.55 | TBH2075A0S(XXXXX) | \$167.10 | \$159.05 |
| | Flanged | 1 | TBH1075A0F(XXXXX) | \$192.45 | \$172.85 | TBH2075A0F(XXXXX) | \$239.70 | \$223.30 |
| 1" | Skt/Thd** | 12 | TBH1100AST(XXXXX) | \$145.75 | \$127.30 | TBH2100AST(XXXXX) | \$215.30 | \$203.10 |
| | Socket | 12 | TBH1100A0S(XXXXX) | \$138.45 | \$121.05 | TBH2100A0S(XXXXX) | \$204.45 | \$192.95 |
| | Flanged | 1 | TBH1100A0F(XXXXX) | \$238.60 | \$215.40 | TBH2100A0F(XXXXX) | \$318.65 | \$295.25 |
| 1-1/4" | Skt/Thd** | 1 | TBH1125AST(XXXXX) | \$193.05 | \$169.05 | TBH2125AST(XXXXX) | \$297.65 | \$282.80 |
| | Socket | 1 | TBH1125A0S(XXXXX) | \$183.60 | \$160.55 | TBH2125A0S(XXXXX) | \$282.80 | \$268.70 |
| | Flanged | 1 | TBH1125A0F(XXXXX) | \$289.35 | \$251.05 | TBH2125A0F(XXXXX) | \$356.55 | \$329.45 |
| 1-1/2" | Skt/Thd** | 1 | TBH1150AST(XXXXX) | \$237.15 | \$212.75 | TBH2150AST(XXXXX) | \$356.50 | \$336.80 |
| | Socket | 1 | TBH1150A0S(XXXXX) | \$225.40 | \$202.10 | TBH2150A0S(XXXXX) | \$338.60 | \$320.05 |
| | Flanged | 1 | TBH1150A0F(XXXXX) | \$326.55 | \$306.20 | TBH2150A0F(XXXXX) | \$441.70 | \$408.35 |
| 2" | Skt/Thd** | 1 | TBH1200AST(XXXXX) | \$310.60 | \$278.75 | TBH2200AST(XXXXX) | \$489.25 | \$464.60 |
| | Socket | 1 | TBH1200A0S(XXXXX) | \$295.05 | \$264.85 | TBH2200A0S(XXXXX) | \$464.85 | \$441.40 |
| | Flanged | 1 | TBH1200A0F(XXXXX) | \$515.35 | \$473.60 | TBH2200A0F(XXXXX) | \$842.55 | \$741.85 |
| 2-1/2" | Socket | 1 | TBH1250A0S(XXXXX) | \$746.55 | \$630.50 | TBH2250A0s(XXXXX) | \$1,417.90 | \$1,331.70 |
| | Threaded | 1 | TBH1250A0T(XXXXX) | \$746.55 | \$630.50 | TBH2250A0T(XXXXX) | \$1,417.90 | \$1,331.70 |
| | Flanged | 1 | TBH1250A0F(XXXXX) | \$1,130.35 | \$955.50 | TBH2250A0F(XXXXX) | \$1,708.10 | \$1,257.30 |
| 3" | Socket | 1 | TBH1300A0S(XXXXX) | \$772.00 | \$653.30 | TBH2300A0s(XXXXX) | \$1,462.00 | \$1,373.10 |
| | Threaded | 1 | TBH1300A0T(XXXXX) | \$772.00 | \$653.30 | TBH2300A0T(XXXXX) | \$1,448.15 | \$1,373.10 |
| | Flanged | 1 | TBH1300A0F(XXXXX) | \$1,224.40 | \$1,035.10 | TBH2300A0F(XXXXX) | \$1,624.30 | \$1,624.30 |
| 4" | Socket | 1 | TBH1400A0S(XXXXX) | \$1,311.95 | \$1,158.45 | TBH2400A0S(XXXXX) | \$2,516.35 | \$2,362.60 |
| | Threaded | 1 | TBH1400A0T(XXXXX) | \$1,311.95 | \$1,158.45 | TBH2400A0T(XXXXX) | \$2,516.35 | \$2,516.35 |
| | Flanged | 1 | TBH1400A0F(XXXXX) | \$2,409.00 | \$2,130.10 | TBH2400A0F(XXXXX) | \$4,060.05 | \$3,827.20 |
| 6" | Flanged*** | 1 | TBH1600A0F(XXXXX) | \$3,146.60 | \$3,025.15 | TBH2600A0F(XXXXX) | \$5,231.35 | \$4,972.95 |

* System2™ Sealing Technology not available for sizes 2-1/2" to 6".

** Valves have socket and threaded end connections.

*** 4" valve venturi to 6".

For actuation mounting and hardware list price table see Page 16.

TB SERIES TRUE UNION BALL VALVES

TB Series true union ball valves are offered in Platinum GFPP and PVDF.
O-rings are FPM or EPDM and seats are PTFE. All valves are assembled with silicone free lubricant.
Mounting kit not included unless sold with actuator.



| SIZE | END CONN. | CTN QTY. | GFPP*** | LIST PRICE | | PVDF | LIST PRICE | |
|--------|------------|----------|-------------|------------|------------|------------|------------|----------|
| | | | PART NO. | FPM | EPDM (E) | PART NO. | FPM | EPDM (E) |
| 1/2" | Skt/Thd* | 12 | N/A | - | - | N/A | - | - |
| | Threaded | 12 | TB4P050T(X) | \$195.60 | \$169.30 | TB5050T(X) | \$654.30 | - |
| | Skt Fusion | 12 | TB4P050S(X) | \$195.60 | \$169.30 | TB5050S(X) | \$654.30 | - |
| | Flanged | 12 | N/A | - | - | N/A | - | - |
| 3/4" | Skt/Thd* | 12 | N/A | - | - | N/A | - | - |
| | Threaded | 12 | TB4P075T(X) | \$237.40 | \$206.00 | TB5075T(X) | \$870.10 | - |
| | Skt Fusion | 12 | TB4P075S(X) | \$237.40 | \$206.00 | TB5075S(X) | \$870.10 | - |
| | Flanged | 12 | N/A | - | - | N/A | - | - |
| 1" | Skt/Thd* | 12 | N/A | - | - | N/A | - | - |
| | Threaded | 12 | TB4P100T(X) | \$277.65 | \$252.70 | TB5100T(X) | \$1,271.15 | - |
| | Skt Fusion | 12 | TB4P100S(X) | \$277.65 | \$252.70 | TB5100S(X) | \$1,271.15 | - |
| | Flanged | 6 | TB4P100F(X) | \$910.35 | \$799.80 | N/A | - | - |
| 1-1/4" | Skt/Thd* | 6 | N/A | - | - | N/A | - | - |
| | Threaded | 6 | TB4P125T(X) | \$411.10 | \$355.80 | TB5125T(X) | \$1,471.05 | - |
| | Skt Fusion | 6 | TB4P125S(X) | \$411.10 | \$355.80 | TB5125S(X) | \$1,471.05 | - |
| | Flanged | 6 | TB4P125F(X) | \$1,033.15 | \$935.65 | N/A | - | - |
| 1-1/2" | Skt/Thd* | 6 | N/A | - | - | N/A | - | - |
| | Threaded | 6 | TB4P150T(X) | \$470.15 | \$419.10 | TB5150T(X) | \$2,156.30 | - |
| | Skt Fusion | 6 | TB4P150S(X) | \$470.15 | \$419.10 | TB5150S(X) | \$2,156.30 | - |
| | Flanged | 6 | TB4P150F(X) | \$1,372.05 | \$1,239.55 | TB5150F(X) | POA | - |
| 2" | Skt/Thd* | 1 | N/A | - | - | N/A | - | - |
| | Threaded | 1 | TB4P200T(X) | \$638.20 | \$559.25 | TB5200T(X) | \$2,922.95 | - |
| | Skt Fusion | 1 | TB4P200S(X) | \$638.20 | \$559.25 | TB5200S(X) | \$2,922.95 | - |
| | Flanged | 1 | TB4P200F(X) | \$1,372.05 | \$1,239.55 | TB5200F(X) | POA | - |

* 1/2" - 2" valves are supplied with socket and threaded end connectors.

** 4" valve venturied to 6".

*** Metric sizes and pricing are available. See the Hayward Metric Price Book.

Polypropylene available upon request.

TB SERIES TRUE UNION BALL VALVES

ACTUATION READY

TB Series true union ball valves are offered in Platinum GFPP and PVDF.

O-rings are FPM or EPDM and seats are PTFE. All valves are assembled with silicone free lubricant.

Mounting kit not included unless sold with actuator.



| SIZE | END CONN. | CTN QTY. | GFPP*** | LIST PRICE | | PVDF | LIST PRICE | |
|--------|------------|----------|------------------|------------|----------|------------------|------------|----------|
| | | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd* | 12 | N/A | - | - | N/A | - | - |
| | Threaded | 12 | HCTB4P050TACT(X) | \$239.45 | \$207.70 | HCTB5050SACT(X) | \$370.15 | - |
| | Skt Fusion | 12 | HCTB4P050SACT(X) | \$239.45 | \$207.70 | HCTB5P050SACT(X) | \$370.15 | - |
| | Flanged | 12 | N/A | - | - | N/A | - | - |
| 3/4" | Skt/Thd* | 12 | N/A | - | - | N/A | - | - |
| | Threaded | 12 | HCTB4P075TACT(X) | \$251.15 | \$234.95 | HCTB5075TACT(X) | \$458.10 | - |
| | Skt Fusion | 12 | HCTB4P075SACT(X) | \$251.15 | \$234.95 | HCTB5075SACT(X) | \$458.10 | - |
| | Flanged | 12 | N/A | - | - | N/A | - | - |
| 1" | Skt/Thd* | 12 | N/A | - | - | N/A | - | - |
| | Threaded | 12 | HCTB4P100TACT(X) | \$293.85 | \$282.30 | HCTB5100TACT(X) | \$677.50 | - |
| | Skt Fusion | 12 | HCTB4P100SACT(X) | \$293.85 | \$282.30 | HCTB5100SACT(X) | \$677.50 | - |
| | Flanged | 6 | HCTB4P100FACT(X) | \$336.85 | \$311.20 | N/A | - | - |
| 1-1/4" | Skt/Thd* | 6 | N/A | - | - | N/A | - | - |
| | Threaded | 6 | HCTB4P125TACT(X) | \$329.05 | \$286.00 | HCTB5125TACT(X) | \$977.20 | - |
| | Skt Fusion | 6 | HCTB4P125SACT(X) | \$329.05 | \$286.00 | HCTB5125SACT(X) | \$977.20 | - |
| | Flanged | 6 | HCTB4P125FACT(X) | \$439.55 | \$401.50 | N/A | - | - |
| 1-1/2" | Skt/Thd* | 6 | N/A | - | - | N/A | - | - |
| | Threaded | 6 | HCTB4P150TACT(X) | \$351.65 | \$344.80 | HCTB5150TACT(X) | \$1,024.35 | - |
| | Skt Fusion | 6 | HCTB4P150SACT(X) | \$351.65 | \$344.80 | HCTB5150SACT(X) | \$1,024.35 | - |
| | Flanged | 6 | HCTB4P150FACT(X) | \$451.65 | \$435.35 | HCTB5150FACT(X) | POA | - |
| 2" | Skt/Thd* | 1 | N/A | - | - | N/A | - | - |
| | Threaded | 1 | HCTB4P200TACT(X) | \$448.95 | \$419.50 | HCTB5200TACT(X) | \$1,364.60 | - |
| | Skt Fusion | 1 | HCTB4P200SACT(X) | \$448.95 | \$419.50 | HCTB5200SACT(X) | \$1,364.60 | - |
| | Flanged | 1 | HCTB4P200FACT(X) | \$638.20 | \$576.70 | HCTB5200FACT(X) | POA | - |

* 1/2" - 2" valves are supplied with socket and threaded end connectors.

** 4" valve venturied to 6".

*** Metric sizes and pricing are available. See the Hayward Metric Price Book.

Polypropylene available upon request.



EA1 SERIES AUTOMATED WITH TBH TRUE UNION BALL VALVES

Low cost 115 VAC electric actuator, mounted to the NEW TBH Series true union ball valve. Valve available with EPDM seals and socket and threaded end connections. Price includes assembled valve and actuator. For replacement actuator, contact factory.



| PVC/EPDM SEALS | | | |
|----------------|-----------------|-------------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 1/2" | Socket/Threaded | EATBH105STE | \$486.50 |
| 3/4" | Socket/Threaded | EATBH107STE | \$496.15 |
| 1" | Socket/Threaded | EATBH110STE | \$510.50 |
| 1-1/4" | Socket/Threaded | EATBH112STE | \$539.45 |
| 1-1/2" | Socket/Threaded | EATBH115STE | \$539.45 |
| 2" | Socket/Threaded | EATBH120STE | \$566.10 |



EAU1 SERIES AUTOMATED WITH TBH TRUE UNION BALL VALVES

Full featured EAU1 Series 120 VAC standard electric actuator with prewired terminal strip and one auxiliary limit switch, mounted to the NEW TBH Series true union ball valve. Valve has socket and threaded end connections. Price includes assembled valve and actuator.



| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-----------|----------------|------------|----------|----------------|------------|----------|
| | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd | EAUTBH105ST(X) | \$678.05 | \$678.05 | EAUTBH205ST(X) | \$727.65 | \$725.25 |
| 3/4" | Skt/Thd | EAUTBH107ST(X) | \$689.60 | \$689.60 | EAUTBH207ST(X) | \$744.25 | \$739.40 |
| 1" | Skt/Thd | EAUTBH110ST(X) | \$723.35 | \$723.35 | EAUTBH210ST(X) | \$798.65 | \$791.10 |
| 1-1/4" | Skt/Thd | EAUTBH112ST(X) | \$741.30 | \$741.30 | EAUTBH212ST(X) | \$822.90 | \$818.35 |
| 1-1/2" | Skt/Thd | EAUTBH115ST(X) | \$741.30 | \$741.30 | EAUTBH215ST(X) | \$822.90 | \$818.35 |
| 2" | Skt/Thd | EAUTBH120ST(X) | \$799.80 | \$799.80 | EAUTBH220ST(X) | \$908.95 | \$898.90 |



ECP SERIES AUTOMATED WITH TBH TRUE UNION BALL VALVES

High performance ECP3 Series 24-265VAC/VDC electric actuator with two auxiliary limit switches, mounted to a TBH Series true union ball valve. Valve has socket and threaded end connections. Price includes assembled valve and actuator.



| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-----------|----------------|------------|----------|----------------|------------|------------|
| | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd | ECPTBH105ST(X) | \$872.25 | \$867.20 | ECPTBH205ST(X) | \$887.80 | \$884.35 |
| 3/4" | Skt/Thd | ECPTBH107ST(X) | \$879.25 | \$875.80 | ECPTBH207ST(X) | \$901.50 | \$897.90 |
| 1" | Skt/Thd | ECPTBH110ST(X) | \$889.45 | \$882.60 | ECPTBH210ST(X) | \$916.80 | \$911.75 |
| 1-1/4" | Skt/Thd | ECPTBH112ST(X) | \$907.90 | \$899.40 | ECPTBH212ST(X) | \$950.15 | \$943.35 |
| 1-1/2" | Skt/Thd | ECPTBH115ST(X) | \$925.35 | \$916.80 | ECPTBH215ST(X) | \$973.35 | \$964.80 |
| 2" | Skt/Thd | ECPTBH120ST(X) | \$956.20 | \$942.50 | ECPTBH220ST(X) | \$1,026.45 | \$1,016.25 |





HRS SERIES AUTOMATED WITH TBH TRUE UNION BALL VALVES

High performance HRS Series 120VAC electric on/off actuator mounted to a TBH Series true union ball valve. Valve has socket and threaded end connections. Price includes assembled valve and actuator.



| SIZE | END CONN. | PVC LIST PRICE | | | CPVC LIST PRICE | | |
|--------|-----------|----------------|------------|------------|-----------------|------------|------------|
| | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd | HRSTBH105ST(X) | \$1,131.80 | \$1,126.90 | HRSTBH205ST(X) | \$1,148.35 | \$1,144.75 |
| 3/4" | Skt/Thd | HRSTBH107ST(X) | \$1,139.40 | \$1,135.35 | HRSTBH207ST(X) | \$1,162.30 | \$1,158.95 |
| 1" | Skt/Thd | HRSTBH110ST(X) | \$1,150.05 | \$1,142.50 | HRSTBH210ST(X) | \$1,178.55 | \$1,173.65 |
| 1-1/4" | Skt/Thd | HRSTBH112ST(X) | \$1,195.90 | \$1,186.00 | HRSTBH212ST(X) | \$1,238.95 | \$1,232.90 |
| 1-1/2" | Skt/Thd | HRSTBH115ST(X) | \$1,214.20 | \$1,204.05 | HRSTBH215ST(X) | \$1,263.20 | \$1,255.10 |
| 2" | Skt/Thd | HRSTBH120ST(X) | \$1,244.40 | \$1,231.30 | HRSTBH220ST(X) | \$1,317.80 | \$1,307.60 |



PS SERIES AUTOMATED WITH TBH TRUE UNION BALL VALVES

Scotch yoke pneumatically actuated PSD or PSS Series actuator mounted to a TBH Series true union ball valve. Valve has socket and threaded end connections. Price includes assembled valve and actuator **without solenoid**.



DOUBLE ACTING

| SIZE | END CONN. | PVC LIST PRICE | | | CPVC LIST PRICE | | |
|--------|-----------|----------------|----------|----------|-----------------|----------|----------|
| | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd | PSDTBH105ST(X) | \$502.80 | \$497.90 | PSDTBH205ST(X) | \$518.90 | \$515.40 |
| 3/4" | Skt/Thd | PSDTBH107ST(X) | \$510.20 | \$506.25 | PSDTBH207ST(X) | \$532.70 | \$529.25 |
| 1" | Skt/Thd | PSDTBH110ST(X) | \$520.45 | \$513.25 | PSDTBH210ST(X) | \$548.25 | \$543.40 |
| 1-1/4" | Skt/Thd | PSDTBH112ST(X) | \$565.30 | \$555.50 | PSDTBH212ST(X) | \$607.15 | \$601.00 |
| 1-1/2" | Skt/Thd | PSDTBH115ST(X) | \$582.90 | \$573.05 | PSDTBH215ST(X) | \$630.50 | \$622.65 |
| 2" | Skt/Thd | PSDTBH120ST(X) | \$612.10 | \$599.55 | PSDTBH220ST(X) | \$683.55 | \$673.75 |

All actuator sizing based on 80 PSI air.

SPRING RETURN

| SIZE | END CONN. | PVC LIST PRICE | | | CPVC LIST PRICE | | |
|--------|-----------|----------------|----------|----------|-----------------|----------|----------|
| | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd | PSSTBH105ST(X) | \$558.15 | \$553.20 | PSSTBH205ST(X) | \$574.15 | \$570.70 |
| 3/4" | Skt/Thd | PSSTBH107ST(X) | \$565.50 | \$561.50 | PSSTBH207ST(X) | \$587.90 | \$584.60 |
| 1" | Skt/Thd | PSSTBH110ST(X) | \$575.65 | \$568.40 | PSSTBH210ST(X) | \$603.60 | \$598.70 |
| 1-1/4" | Skt/Thd | PSSTBH112ST(X) | \$648.75 | \$638.55 | PSSTBH212ST(X) | \$692.35 | \$686.00 |
| 1-1/2" | Skt/Thd | PSSTBH115ST(X) | \$667.15 | \$656.85 | PSSTBH215ST(X) | \$717.05 | \$708.65 |
| 2" | Skt/Thd | PSSTBH120ST(X) | \$697.65 | \$684.40 | PSSTBH220ST(X) | \$772.35 | \$762.15 |

All actuator sizing based on 80 PSI air.

Valves spring closed, consult factory for Spring Open option.



PS SERIES AUTOMATED WITH TBH TRUE UNION BALL VALVES

Scotch yoke pneumatically actuated PSD or PSS Series actuator mounted to a TBH Series true union ball valve. Valve has socket and threaded end connections. Price includes assembled valve and actuator **with 120V solenoid**.



DOUBLE ACTING

| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-----------|------------------|------------|----------|------------------|------------|----------|
| | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd | PSDTBH105ST(X)A8 | \$827.45 | \$822.55 | PSDTBH205ST(X)A8 | \$843.55 | \$840.05 |
| 3/4" | Skt/Thd | PSDTBH107ST(X)A8 | \$834.85 | \$830.90 | PSDTBH207ST(X)A8 | \$857.40 | \$853.90 |
| 1" | Skt/Thd | PSDTBH110ST(X)A8 | \$845.10 | \$837.90 | PSDTBH210ST(X)A8 | \$872.90 | \$868.05 |
| 1-1/4" | Skt/Thd | PSDTBH112ST(X)A8 | \$890.00 | \$880.15 | PSDTBH212ST(X)A8 | \$931.80 | \$925.70 |
| 1-1/2" | Skt/Thd | PSDTBH115ST(X)A8 | \$907.55 | \$897.70 | PSDTBH215ST(X)A8 | \$955.20 | \$947.30 |
| 2" | Skt/Thd | PSDTBH120ST(X)A8 | \$936.75 | \$924.20 | PSDTBH220ST(X)A8 | \$1,008.20 | \$998.40 |

All actuator sizing based on 80 PSI air.

SPRING RETURN

| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-----------|------------------|------------|------------|------------------|------------|------------|
| | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd | PSSTBH105ST(X)A9 | \$882.80 | \$877.85 | PSSTBH205ST(X)A9 | \$898.80 | \$895.35 |
| 3/4" | Skt/Thd | PSSTBH107ST(X)A9 | \$890.15 | \$886.15 | PSSTBH207ST(X)A9 | \$912.55 | \$909.25 |
| 1" | Skt/Thd | PSSTBH110ST(X)A9 | \$900.30 | \$893.10 | PSSTBH210ST(X)A9 | \$928.25 | \$923.35 |
| 1-1/4" | Skt/Thd | PSSTBH112ST(X)A9 | \$973.40 | \$963.20 | PSSTBH212ST(X)A9 | \$1,017.05 | \$1,010.70 |
| 1-1/2" | Skt/Thd | PSSTBH115ST(X)A9 | \$991.85 | \$981.50 | PSSTBH215ST(X)A9 | \$1,041.70 | \$1,033.30 |
| 2" | Skt/Thd | PSSTBH120ST(X)A9 | \$1,022.35 | \$1,009.05 | PSSTBH220ST(X)A9 | \$1,097.00 | \$1,086.80 |

All actuator sizing based on 80 PSI air.

Valves spring closed, consult factory for Spring Open option.
120VAC Solenoid standard.





PCD/PCS SERIES AUTOMATED WITH TBH TRUE UNION BALL VALVES

Industrial grade, rack-and-pinion pneumatically actuated PCD or PCS Series actuator mounted to a TBH Series true union ball valve. Valve has socket and threaded end connections. Price includes assembled valve and actuator **without solenoid**.



DOUBLE ACTING

| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-----------|----------------|------------|----------|----------------|------------|----------|
| | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd | PCDTBH105ST(X) | \$587.30 | \$583.35 | PCDTBH205ST(X) | \$600.25 | \$597.55 |
| 3/4" | Skt/Thd | PCDTBH107ST(X) | \$593.15 | \$590.15 | PCDTBH207ST(X) | \$611.45 | \$608.65 |
| 1" | Skt/Thd | PCDTBH110ST(X) | \$601.60 | \$595.65 | PCDTBH210ST(X) | \$624.10 | \$620.25 |
| 1-1/4" | Skt/Thd | PCDTBH112ST(X) | \$637.95 | \$630.10 | PCDTBH212ST(X) | \$671.70 | \$666.85 |
| 1-1/2" | Skt/Thd | PCDTBH115ST(X) | \$652.15 | \$644.20 | PCDTBH215ST(X) | \$690.85 | \$684.45 |
| 2" | Skt/Thd | PCDTBH120ST(X) | \$675.90 | \$665.65 | PCDTBH220ST(X) | \$733.75 | \$725.75 |

All actuator sizing based on 80 PSI air.

SPRING RETURN

| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-----------|----------------|------------|----------|----------------|------------|----------|
| | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd | PCSTBH105ST(X) | \$639.10 | \$635.15 | PCSTBH205ST(X) | \$651.90 | \$649.15 |
| 3/4" | Skt/Thd | PCSTBH107ST(X) | \$644.95 | \$641.80 | PCSTBH207ST(X) | \$663.10 | \$660.35 |
| 1" | Skt/Thd | PCSTBH110ST(X) | \$653.15 | \$647.45 | PCSTBH210ST(X) | \$675.85 | \$672.00 |
| 1-1/4" | Skt/Thd | PCSTBH112ST(X) | \$838.65 | \$830.65 | PCSTBH212ST(X) | \$872.45 | \$867.60 |
| 1-1/2" | Skt/Thd | PCSTBH115ST(X) | \$852.85 | \$844.90 | PCSTBH215ST(X) | \$891.45 | \$885.15 |
| 2" | Skt/Thd | PCSTBH120ST(X) | \$876.65 | \$866.30 | PCSTBH220ST(X) | \$934.55 | \$926.55 |

All actuator sizing based on 80 PSI air.

Valves spring closed, consult factory for Spring Open option.



TBH SERIES WITH "Z-BALL" TRUE UNION BALL VALVES



Drilled ball and FPM o-rings ONLY for use with Sodium Hypochlorite specifically. For other vented applications, consult factory.

| SIZE | END CONN. | CTN QTY. | PVC / FPM | | CPVC / FPM | |
|--------|-----------|----------|-----------------|------------|-----------------|------------|
| | | | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | Skt/Thd* | 12 | TBH1050ASTV0Z00 | \$176.65 | TBH2050ASTV0Z00 | \$219.00 |
| | Flanged | 1 | TBH1050A0FV0Z00 | \$230.10 | TBH2050A0FV0Z00 | \$279.95 |
| 3/4" | Skt/Thd* | 12 | TBH1075ASTV0Z00 | \$195.85 | TBH2075ASTV0Z00 | \$255.25 |
| | Flanged | 1 | TBH1075A0FV0Z00 | \$268.40 | TBH2075A0FV0Z00 | \$318.90 |
| 1" | Skt/Thd* | 12 | TBH1100ASTV0Z00 | \$222.95 | TBH2100ASTV0Z00 | \$296.60 |
| | Flanged | 1 | TBH1100A0FV0Z00 | \$315.80 | TBH2100A0FV0Z00 | \$399.90 |
| 1-1/4" | Skt/Thd* | 6 | TBH1125ASTV0Z00 | \$273.00 | TBH2125ASTV0Z00 | \$383.25 |
| | Flanged | 1 | TBH1125A0FV0Z00 | \$369.15 | TBH2125A0FV0Z00 | \$463.90 |
| 1-1/2" | Skt/Thd* | 6 | TBH1150ASTV0Z00 | \$319.20 | TBH2150ASTV0Z00 | \$445.15 |
| | Flanged | 1 | TBH1150A0FV0Z00 | \$408.55 | TBH2150A0FV0Z00 | \$530.45 |
| 2" | Skt/Thd* | 1 | TBH1200ASTV0Z00 | \$396.55 | TBH2200ASTV0Z00 | \$585.10 |
| | Flanged | 1 | TBH1200A0FV0Z00 | \$602.30 | TBH2200A0FV0Z00 | \$938.45 |
| 2-1/2" | Socket | 1 | TBH1250A0SV0Z00 | \$898.40 | TBH2250A0SV0Z00 | \$1,591.35 |
| | Threaded | 1 | TBH1250A0TV0Z00 | \$898.40 | TBH2250A0TV0Z00 | \$1,591.35 |
| | Flanged | 1 | TBH1250A0FV0Z00 | \$1,263.75 | TBH2250A0FV0Z00 | \$1,854.60 |
| 3" | Socket | 1 | TBH1300A0SV0Z00 | \$924.70 | TBH2300A0SV0Z00 | \$1,637.35 |
| | Threaded | 1 | TBH1300A0TV0Z00 | \$924.70 | TBH2300A0TV0Z00 | \$1,637.35 |
| | Flanged | 1 | TBH1300A0FV0Z00 | \$1,376.90 | TBH2300A0FV0Z00 | \$1,841.55 |
| 4" | Socket | 1 | TBH1400A0SV0Z00 | \$1,479.75 | TBH2400A0SV0Z00 | \$2,722.70 |
| | Threaded | 1 | TBH1400A0TV0Z00 | \$1,479.75 | TBH2400A0TV0Z00 | \$2,722.70 |
| | Flanged | 1 | TBH1400A0FV0Z00 | \$2,543.00 | TBH2400A0FV0Z00 | \$4,266.20 |
| 6" | Flanged | 1 | TBH1600A0FV0Z00 | \$3,315.50 | TBH2600A0FV0Z00 | \$5,694.95 |

*1/2" - 2" valves are supplied with socket and threaded end connectors.

4" valve venturied to 6".

Consult factory for TB-Z Series pricing and availability.





TBH SERIES WITH "Z-BALL" TRUE UNION BALL VALVES **ACTUATION READY**



Drilled ball and FPM o-rings ONLY for use with Sodium Hypochlorite specifically.
For other vented applications, consult factory.

ACTUATION HARDWARE AND ASSEMBLY - TBH SERIES

| SIZE | PART NO.* | LIST PRICE |
|-----------|-----------|------------|
| 1/2"-1" | TBHMKT1 | \$109.00 |
| 1-1/4"-2" | TBHMKT2 | \$134.05 |
| 2-1/2"-6" | TBHMKT3 | \$180.85 |

* The above part numbers are not for ordering extra hardware or mounting kits.
Please contact Customer Service for actuator mounting kit part numbers for specific actuator to valve combinations.

| SIZE | END CONN. | CTN QTY. | PVC / FPM | | CPVC / FPM | |
|--------|-----------|----------|-----------------|------------|-----------------|------------|
| | | | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | Skt/Thd** | 12 | TBH1050ASTVKZ00 | \$171.30 | TBH2050ASTVKZ00 | \$207.20 |
| | Flanged | 1 | TBH1050A0FVKZ00 | \$224.70 | TBH2050A0FVKZ00 | \$268.10 |
| 3/4" | Skt/Thd** | 12 | TBH1075ASTVKZ00 | \$189.60 | TBH2075ASTVKZ00 | \$243.40 |
| | Flanged | 1 | TBH1075A0FVKZ00 | \$262.15 | TBH2075A0FVKZ00 | \$312.65 |
| 1" | Skt/Thd** | 12 | TBH1100ASTVKZ00 | \$215.65 | TBH2100ASTVKZ00 | \$289.45 |
| | Flanged | 1 | TBH1100A0FVKZ00 | \$308.55 | TBH2100A0FVKZ00 | \$392.85 |
| 1-1/4" | Skt/Thd** | 6 | TBH1125ASTVKZ00 | \$263.40 | TBH2125ASTVKZ00 | \$373.75 |
| | Flanged | 1 | TBH1125A0FVKZ00 | \$359.55 | TBH2125A0FVKZ00 | \$454.30 |
| 1-1/2" | Skt/Thd** | 6 | TBH1150ASTVKZ00 | \$307.30 | TBH2150ASTVKZ00 | \$433.35 |
| | Flanged | 1 | TBH1150A0FVKZ00 | \$396.75 | TBH2150A0FVKZ00 | \$518.65 |
| 2" | Skt/Thd** | 1 | TBH1200ASTVKZ00 | \$380.85 | TBH2200ASTVKZ00 | \$569.40 |
| | Flanged | 1 | TBH1200A0FVKZ00 | \$586.60 | TBH2200A0FVKZ00 | \$922.60 |
| 2-1/2" | Socket | 1 | TBH1250A0SVKZ00 | \$860.65 | TBH2250A0SVKZ00 | \$1,533.45 |
| | Threaded | 1 | TBH1250A0TVKZ00 | \$860.65 | TBH2250A0TVKZ00 | \$1,533.45 |
| | Flanged | 1 | TBH1250A0FVKZ00 | \$1,225.95 | TBH2250A0FVKZ00 | \$1,796.70 |
| 3" | Socket | 1 | TBH1300A0SVKZ00 | \$886.00 | TBH2300A0SVKZ00 | \$1,578.05 |
| | Threaded | 1 | TBH1300A0TVKZ00 | \$886.00 | TBH2300A0TVKZ00 | \$1,578.05 |
| | Flanged | 1 | TBH1300A0FVKZ00 | \$1,338.45 | TBH2300A0FVKZ00 | \$1,782.20 |
| 4" | Socket | 1 | TBH1400A0SVKZ00 | \$1,425.10 | TBH2400A0SVKZ00 | \$2,631.75 |
| | Threaded | 1 | TBH1400A0TVKZ00 | \$1,425.10 | TBH2400A0TVKZ00 | \$2,631.75 |
| | Flanged | 1 | TBH1400A0FVKZ00 | \$2,488.25 | TBH2400A0FVKZ00 | \$4,175.50 |
| 6" | Flanged | 1 | TBH1600A0FVKZ00 | \$3,260.75 | TBH2600A0FVKZ00 | \$5,604.30 |

* 4" valve ventured to 6".

** Valves have socket and threaded end connections.

For actuation mounting and hardware list price table see page 16.



CVH SERIES PROFILE2™ PROPORTIONAL CONTROL TRUE UNION BALL VALVES



Provides two linear flow curves – one for fast opening, one for slow opening. System2™ Sealing Technology provides longer cycle life.
Slow opening shipped standard. Fast open on request. NEW HDPE
Transition Fittings available for select sizes, see page 108.*

| SIZE | END CONN. | CTN QTY. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|------|--------------|-------------|-------------------|----------------|-----------------|-------------------|----------------|-----------------|
| | | | PART NO. | FPM (V0A00) | EPDM (E0A00) | PART NO. | FPM (V0A00) | EPDM (E0A00) |
| 1/2" | Skt/Thd** | 12 | CVH1050AST(XXXXX) | \$197.40 | \$189.65 | CVH2050AST(XXXXX) | \$232.50 | \$224.75 |
| | Flanged | 1 | CVH1050A0F(XXXXX) | \$218.00 | \$208.90 | CVH2050A0F(XXXXX) | \$255.90 | \$245.95 |
| 3/4" | Skt/Thd** | 12 | CVH1075AST(XXXXX) | \$197.40 | \$189.65 | CVH2075AST(XXXXX) | \$232.50 | \$224.75 |
| | Flanged | 1 | CVH1075A0F(XXXXX) | \$225.35 | \$214.95 | CVH2075A0F(XXXXX) | \$257.05 | \$246.25 |
| 1" | Skt/Thd** | 12 | CVH1100AST(XXXXX) | \$197.40 | \$189.65 | CVH2100AST(XXXXX) | \$232.50 | \$224.75 |
| | Flanged | 1 | CVH1100A0F(XXXXX) | \$233.10 | \$223.60 | CVH2100A0F(XXXXX) | \$272.15 | \$260.05 |
| 2" | Skt/Thd** | 1 | CVH1200AST(XXXXX) | \$316.90 | \$293.65 | CVH2200AST(XXXXX) | \$404.90 | \$386.60 |
| | Flanged | 1 | CVH1200A0F(XXXXX) | \$395.65 | \$368.25 | CVH2200A0F(XXXXX) | \$540.05 | \$493.10 |
| 3" | Socket | 1 | CVH1300A0S(XXXXX) | \$578.25 | \$523.25 | CVH2300A0S(XXXXX) | \$899.65 | \$846.15 |
| | Threaded | 1 | CVH1300A0T(XXXXX) | \$578.25 | \$523.25 | CVH2300A0T(XXXXX) | \$899.65 | \$846.15 |
| | Flanged | 1 | CVH1300A0F(XXXXX) | \$892.50 | \$839.45 | CVH2300A0F(XXXXX) | \$1,221.05 | \$1,174.55 |
| 4" | Socket | 1 | CVH1400A0S(XXXXX) | \$870.00 | \$799.45 | CVH2400A0S(XXXXX) | \$1,424.95 | \$1,356.55 |
| | Threaded | 1 | CVH1400A0T(XXXXX) | \$870.00 | \$799.45 | CVH2400A0T(XXXXX) | \$1,424.95 | \$1,356.55 |
| | Flanged | 1 | CVH1400A0F(XXXXX) | \$1,497.65 | \$1,432.25 | CVH2400A0F(XXXXX) | \$2,067.80 | \$1,995.40 |
| 6" | Flanged*** | 1 | CVH1600A0F(XXXXX) | \$1,918.25 | \$1,850.60 | CVH2600A0F(XXXXX) | \$2,493.80 | \$2,422.85 |

* System2™ Sealing Technology not available for sizes 2-1/2" to 6".

** Valves have socket and threaded end connections.

*** 4" valve venturied to 6".

Profile2™ is a trademark of Hayward Industries, Inc.

Consult Factory for CV Series pricing and availability.





CVH SERIES PROFILE2™ PROPORTIONAL CONTROL TRUE UNION BALL VALVES **ACTUATION READY**



Provides two linear flow curves – one for fast opening, one for slow opening.
System2™ Sealing Technology provides longer cycle life.*
Slow opening shipped standard. Fast open on request.

ACTUATION HARDWARE AND ASSEMBLY - TBH SERIES

| SIZE | PART NO.* | LIST PRICE |
|-----------|-----------|------------|
| 1/2"-1" | TBHMKT1 | \$109.00 |
| 1-1/4"-2" | TBHMKT2 | \$134.05 |
| 2-1/2"-6" | TBHMKT3 | \$180.85 |

* The above part numbers are not for ordering extra hardware or mounting kits.
Please contact Customer Service for actuator mounting kit part numbers for specific actuator to valve combinations.

| SIZE | END CONN. | CTN QTY. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|------|------------|----------|-------------------|-------------|--------------|-------------------|-------------|--------------|
| | | | PART NO. | FPM (VKA00) | EPDM (EKA00) | PART NO. | FPM (VKA00) | EPDM (EKA00) |
| 1/2" | Skt/Thd** | 12 | CVH1050AST(XXXXX) | \$195.55 | \$187.95 | CVH2050AST(XXXXX) | \$229.85 | \$222.25 |
| | Flanged | 1 | CVH1050A0F(XXXXX) | \$215.95 | \$207.20 | CVH2050A0F(XXXXX) | \$253.00 | \$243.35 |
| 3/4" | Skt/Thd** | 12 | CVH1075AST(XXXXX) | \$195.15 | \$187.55 | CVH2075AST(XXXXX) | \$229.00 | \$221.50 |
| | Flanged | 1 | CVH1075A0F(XXXXX) | \$222.90 | \$212.80 | CVH2075A0F(XXXXX) | \$253.40 | \$242.85 |
| 1" | Skt/Thd** | 12 | CVH1100AST(XXXXX) | \$194.65 | \$187.10 | CVH2100AST(XXXXX) | \$228.30 | \$220.95 |
| | Flanged | 1 | CVH1100A0F(XXXXX) | \$230.10 | \$221.00 | CVH2100A0F(XXXXX) | \$267.85 | \$255.95 |
| 2" | Skt/Thd** | 1 | CVH1200AST(XXXXX) | \$310.65 | \$288.05 | CVH2200AST(XXXXX) | \$395.05 | \$377.35 |
| | Flanged | 1 | CVH1200A0F(XXXXX) | \$389.40 | \$362.65 | CVH2200A0F(XXXXX) | \$530.25 | \$483.65 |
| 3" | Socket | 1 | CVH1300A0S(XXXXX) | \$556.65 | \$503.25 | CVH2300A0S(XXXXX) | \$868.80 | \$816.90 |
| | Threaded | 1 | CVH1300A0T(XXXXX) | \$556.65 | \$503.25 | CVH2300A0T(XXXXX) | \$868.80 | \$816.90 |
| | Flanged | 1 | CVH1300A0F(XXXXX) | \$870.95 | \$819.65 | CVH2300A0F(XXXXX) | \$1,190.20 | \$1,135.65 |
| 4" | Socket | 1 | CVH1400A0S(XXXXX) | \$839.95 | \$771.50 | CVH2400A0S(XXXXX) | \$1,378.75 | \$1,312.30 |
| | Threaded | 1 | CVH1400A0T(XXXXX) | \$839.95 | \$771.50 | CVH2400A0T(XXXXX) | \$1,378.75 | \$1,312.30 |
| | Flanged | 1 | CVH1400A0F(XXXXX) | \$1,467.75 | \$1,404.45 | CVH2400A0F(XXXXX) | \$2,021.65 | \$1,951.40 |
| 6" | Flanged*** | 1 | CVH1600A0F(XXXXX) | \$1,888.25 | \$1,822.80 | CVH2600A0F(XXXXX) | \$2,447.75 | \$2,378.75 |

* System2™ Sealing Technology not available for sizes 2-1/2" to 6".

** Valves have socket and threaded end connections.

*** 4" valve venturied to 6".

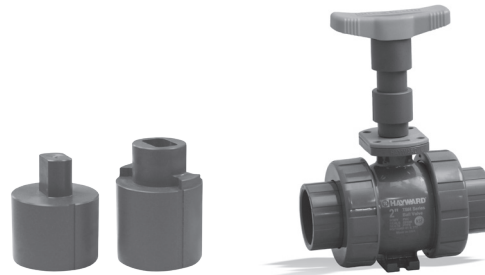
For actuation mounting and hardware list price table see [page 16](#).

Profile2™ is a trademark of Hayward Industries, Inc.

TRUE UNION BALL VALVE OPTIONS & ACCESSORIES

Option prices are ADDED to the list price of the valve.

| SIZE | PART NO. | LIST PRICE |
|--|-----------|------------|
| 2" Square Operating Nut - TBH Series | | |
| 1/2" - 3/4" | SQNUTTBH5 | \$251.10 |
| 1 | SQNUTTBH1 | \$251.10 |
| 1-1/4" - 2" | SQNUTTBH2 | \$251.10 |
| 2-1/2" - 6" | SQNUTTBH4 | \$251.10 |
| Seal Retainer Wrench - TB Series | | |
| 1/4" - 2" | TBSRW | \$58.70 |
| Seal Retainer Wrench - TBH Series | | |
| 2-1/2" - 6" | TBHSRW34 | \$57.60 |
| Seal Retainer Disassembly Wrench - TBH Series | | |
| 1/4" - 2" | TBHSRW | \$58.15 |
| Valve Tags | | |
| 316 SSTL | YSS2 | \$63.95 |
| Paper | YPT1 | \$16.10 |



STEM EXTENSION KITS

| VALVE SIZE | KIT PART NO. | LIST PRICE |
|------------|--------------|------------|
| TBHEXTK075 | 1/4" - 3/4" | \$27.95 |
| TBHEXTK100 | 1" | \$30.90 |
| TBHEXTK200 | 1-1/4" - 2" | \$30.90 |
| TBHEXTK400 | 2-1/2" - 6" | \$46.80 |

DRILLED BALL OPTION - TBH EPDM*

| SIZE | PART NO. | LIST |
|-------------|-----------------|----------|
| 1/2" - 2" | TBHXxxxxxxEXDXX | \$81.45 |
| 2-1/2" - 6" | TBHXxxxxxxEXDXX | \$127.60 |

*Not for Sodium Hypochlorite

ACTUATION HARDWARE AND ASSEMBLY - TBH SERIES

See [pages 13, 15, 35](#).

| SIZE | PART NO.* | LIST PRICE |
|-----------|-----------|------------|
| 1/2"-1" | TBHMKT1 | \$114.45 |
| 1-1/4"-2" | TBHMKT2 | \$140.75 |
| 2-1/2"-6" | TBHMKT3 | \$189.90 |

* The above part numbers are not for ordering extra hardware or mounting kits.
Please contact Customer Service for actuator mounting kit part numbers for specific actuator to valve combinations.

COUPLINGS - TBH SERIES

| VALVE SIZE | PART NO. | LIST PRICE |
|--|-----------|------------|
| TBH/CVH ISO Coupling 9mm 1/4"-2" SSTL | CPXTBH09P | \$33.10 |
| TBH/CVH ISO Coupling 11mm 1/4"-2" SSTL | CPXTBH11P | \$33.10 |
| TBH/CVH ISO Coupling 14mm 1/4"-2" SSTL | CPXTBH14P | \$34.65 |

GEAR BOX OPTION - TBH

| SIZE | PART NO. | LIST |
|-------------|----------|----------|
| 2-1/2" - 6" | GBTB6 | \$890.55 |



HIGH-DENSITY POLYETHYLENE TRANSITION FITTINGS

SDR 9 & 11 Available in sizes 1/2" - 4". SDR 17 Available in sizes 1-1/4" to 4". Hayward HDPE Transition Fittings are compatible with select Hayward PVC, CPVC or GFPP Valve, Strainers and Filter solutions only. Butt Fusion Plain End Long Spigot Design - also suitable for electrofusion and socket weld systems. Comply to ASTM D3261 dimensional requirements. Sold as kit containing (2) transition fittings.

| SIZE | PART NO. | SDR 9 (09) | SDR11 (11) | SDR17 (17) |
|--------|------------------|---------------|---------------|---------------|
| 1/2" | ECXKHA050SDR(XX) | \$29.20 | \$29.20 | - |
| 3/4" | ECXKHA075SDR(XX) | \$31.25 | \$31.25 | - |
| 1" | ECXKHA100SDR(XX) | \$35.35 | \$35.35 | - |
| 1-1/4" | ECXKHA125SDR(XX) | \$36.75 | \$36.75 | \$36.75 |
| 1-1/2" | ECXKHA150SDR(XX) | \$42.95 | \$42.95 | \$42.95 |
| 2" | ECXKHA200SDR(XX) | \$52.10 | \$52.10 | \$52.10 |
| 63mm | ECXHKM063SDR(XX) | \$52.10 | \$52.10 | \$52.10 |
| 3" | ECXKHA300SDR(XX) | \$232.75 | \$232.75 | \$232.75 |
| 4" | ECXKHA400SDR(XX) | \$347.50 | \$347.50 | \$347.50 |

†HDPE Transition Fittings are sold as a kit containing (2) fittings.

| SIZE in | HAYWARD SERIES AVAILABILITY | | | | | | | |
|------------|-----------------------------|------------|-------|----|----|----|----|-----|
| | TBH | TB GFPP | TW/LA | TC | YC | YS | SB | FLV |
| 1/2 | | | | | | | - | - |
| 3/4 | | | | | | | - | - |
| 1 | | | | | | | | - |
| 1-1/4 | | | - | | - | - | - | - |
| 1-1/2 | | | - | | - | - | - | - |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | - | - | - | - |

PIPELINE

Hayward PipeLine, digital platform and partner portal designed to streamline your access to essential resources and account information. Whether you are a distribution partner, design engineer, or other related professional, PipeLine is here to meet your needs.



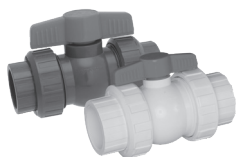
TBB SERIES TRUE UNION BALL VALVES

All TBB Series True Union Ball Valves have PTFE seats and are cost effective, yet rugged enough to stand up to the most demanding applications.



| SIZE | END CONN. | CTN QTY. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|-------|--------------|-------------|---------------|-------------|--------------|---------------|-------------|--------------|
| | | | PART NO. | FPM (FG) | EPDM (EG) | PART NO. | FPM (FG) | EPDM (EG) |
| 1/2 | Skt/Thd** | 48 | TBB1005CP(XX) | \$101.10 | \$85.30 | TBB2005CP(XX) | \$145.50 | \$121.45 |
| | Flanged | 48 | TBB1005FP(XX) | \$169.85 | \$136.70 | TBB2005FP(XX) | \$251.25 | \$201.55 |
| 3/4 | Skt/Thd** | 36 | TBB1007CP(XX) | \$113.75 | \$94.80 | TBB2007CP(XX) | \$175.45 | \$145.50 |
| | Flanged | 36 | TBB1007FP(XX) | \$191.15 | \$151.65 | TBB2007FP(XX) | \$303.50 | \$241.20 |
| 1 | Skt/Thd** | 24 | TBB1010CP(XX) | \$132.60 | \$113.75 | TBB2010CP(XX) | \$222.70 | \$182.40 |
| | Flanged | 24 | TBB1010FP(XX) | \$222.90 | \$182.00 | TBB2010FP(XX) | \$384.95 | \$302.45 |
| 1-1/4 | Skt/Thd** | 24 | TBB1012CP(XX) | \$192.85 | \$164.35 | TBB2012CP(XX) | \$323.40 | \$269.75 |
| | Flanged | 24 | TBB1012FP(XX) | \$323.50 | \$262.70 | TBB2012FP(XX) | \$559.40 | \$447.45 |
| 1-1/2 | Skt/Thd** | 24 | TBB1015CP(XX) | \$211.90 | \$192.85 | TBB2015CP(XX) | \$364.05 | \$303.60 |
| | Flanged | 24 | TBB1015FP(XX) | \$355.55 | \$308.10 | TBB2015FP(XX) | \$629.80 | \$503.65 |
| 2 | Skt/Thd** | 12 | TBB1020CP(XX) | \$281.25 | \$262.30 | TBB2020CP(XX) | \$492.15 | \$408.10 |
| | Flanged | 12 | TBB1020FP(XX) | \$472.35 | \$419.35 | TBB2020FP(XX) | \$851.15 | \$677.35 |
| 2-1/2 | Socket | 12 | TBB1025SP(XX) | \$561.55 | \$492.45 | TBB2025SP(XX) | \$1,041.25 | \$869.25 |
| | Threaded | 12 | TBB1025TP(XX) | \$561.55 | \$492.45 | TBB2025TP(XX) | \$1,041.25 | \$869.25 |
| | Flanged | 12 | TBB1025FP(XX) | \$943.25 | \$787.65 | TBB2025FP(XX) | \$1,801.35 | \$1,442.65 |
| 3 | Socket | 6 | TBB1030SP(XX) | \$697.40 | \$596.60 | TBB2030SP(XX) | \$1,435.25 | \$1,199.50 |
| | Threaded | 6 | TBB1030TP(XX) | \$697.40 | \$596.60 | TBB2030TP(XX) | \$1,435.25 | \$1,199.50 |
| | Flanged | 6 | TBB1030FP(XX) | \$1,171.55 | \$954.25 | TBB2030FP(XX) | \$2,482.60 | \$1,990.65 |
| 4 | Socket | 1 | TBB1040SP(XX) | \$1,397.40 | \$1,050.55 | TBB2040SP(XX) | \$2,422.20 | \$2,021.25 |
| | Threaded | 1 | TBB1040TP(XX) | \$1,397.40 | \$1,050.55 | TBB2040TP(XX) | \$2,422.20 | \$2,021.25 |
| | Flanged | 1 | TBB1040FP(XX) | \$2,347.30 | \$1,680.45 | TBB2040FP(XX) | \$4,189.85 | \$3,355.15 |

** Valves have socket and threaded end connections.



QTA SERIES TRUE UNION COMPACT BALL VALVES

All QTA Series True Union Compact Ball Valves have EPDM o-rings and Santoprene (TPV) seats.

| SIZE | END CONN. | CTN QTY. | PART NO. | LIST PRICE GRAY (G) | LIST PRICE WHITE (W) |
|--------|-----------|----------|---------------|---------------------|----------------------|
| 1/2" | Skt/Thd | 200 | QTA1005CSE(X) | \$19.40 | \$19.40 |
| 3/4" | Skt/Thd | 160 | QTA1007CSE(X) | \$26.55 | \$26.55 |
| 1" | Skt/Thd | 96 | QTA1010CSE(X) | \$41.05 | \$41.05 |
| 1-1/4" | Skt/Thd | 72 | QTA1012CSE(X) | \$57.40 | \$57.40 |
| 1-1/2" | Skt/Thd | 45 | QTA1015CSE(X) | \$72.60 | \$72.60 |
| 2" | Skt/Thd | 36 | QTA1020CSE(X) | \$107.60 | \$107.60 |



QV SERIES QIC2™ COMPACT BALL VALVES

All QIC2™ Ball Valves have EPDM o-rings and PTFE seats.

| SIZE | END CONN. | CTN. QTY. | PART NO. | LIST PRICE | SIZE | END CONN. | CTN. QTY. | PART NO. | LIST PRICE |
|------|-----------|-----------|-----------|------------|--------|-----------|-----------|-----------|------------|
| 1/2" | Socket | 24 | QV1T050SE | \$48.05 | 1-1/4" | Socket | 6 | QV1T125SE | \$128.65 |
| | Threaded | 12 | QV1T050TE | \$48.05 | | Threaded | 6 | QV1T125TE | \$128.65 |
| 3/4" | Socket | 12 | QV1T075SE | \$61.75 | 1-1/2" | Socket | 6 | QV1T150SE | \$128.65 |
| | Threaded | 12 | QV1T075TE | \$61.75 | | Threaded | 6 | QV1T150TE | \$128.65 |
| 1" | Socket | 12 | QV1T100SE | \$72.95 | 2" | Socket | 1 | QV1T200SE | \$167.80 |
| | Threaded | 6 | QV1T100TE | \$72.95 | | Threaded | 1 | QV1T200TE | \$167.80 |

QIC2™ is a trademark of Hayward Industries, Inc.



QVC SERIES COMPACT BALL VALVES

All QVC Series Compact Ball Valves have EPDM o-rings and Santoprene (TPV) seats. **Order quantity by bag only.**

| SIZE | END CONN. | BAG QTY. | PART NO. | LIST PRICE GRAY (G) | LIST PRICE WHITE (W) |
|--------|-----------|----------|---------------|---------------------|----------------------|
| 1/2" | Socket | 10 | QVC1005SSE(X) | \$6.80 | \$6.80 |
| | Threaded | 10 | QVC1005TSE(X) | \$6.80 | \$6.80 |
| 3/4" | Socket | 10 | QVC1007SSE(X) | \$9.10 | \$9.10 |
| | Threaded | 10 | QVC1007TSE(X) | \$9.10 | \$9.10 |
| 1" | Socket | 10 | QVC1010SSE(X) | \$13.95 | \$13.95 |
| | Threaded | 10 | QVC1010TSE(X) | \$13.95 | \$13.95 |
| 1-1/4" | Socket | 10 | QVC1012SSE(X) | \$19.20 | \$19.20 |
| | Threaded | 10 | QVC1012TSE(X) | \$19.20 | \$19.20 |
| 1-1/2" | Socket | 5 | QVC1015SSE(X) | \$23.60 | \$23.60 |
| | Threaded | 5 | QVC1015TSE(X) | \$23.60 | \$23.60 |
| 2" | Socket | 5 | QVC1020SSE(X) | \$34.55 | \$34.55 |
| | Threaded | 5 | QVC1020TSE(X) | \$34.55 | \$34.55 |
| 2-1/2" | Socket | 12* | QVC1025SSE(X) | \$114.55 | \$114.55 |
| | Threaded | 12* | QVC1025TSE(X) | \$114.55 | \$114.55 |
| 3" | Socket | 8* | QVC1030SSE(X) | \$182.90 | \$182.90 |
| | Threaded | 8* | QVC1030TSE(X) | \$182.90 | \$182.90 |
| 4" | Socket | 6* | QVC1040SSE(X) | \$330.95 | \$330.95 |
| | Threaded | 6* | QVC1040TSE(X) | \$330.95 | \$330.95 |

* 2-1/2" and up are Carton Quantities. No BAG quantity requirement.



TW SERIES THREE-WAY TRUE UNION BALL VALVES

One Piece Molded Body. Fully Serviceable. Rated to 150 PSI. True Union Design. Integrally Molded Stem Support and Mounting Platform. Double O-Ring Stem Seals. TW Ball Standard. NT or TP Balls Available at No Extra Cost. Consult Factory for Part Number

| SIZE | END CONN. | CTN QTY. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-----------|----------|-------------|------------|------------|-------------|------------|------------|
| | | | PART NO. | FPM | EPDM (E) | PART NO. | FPM | EPDM (E) |
| 1/2" | Skt/Thd* | 24 | TW1050ST(X) | \$156.00 | \$143.90 | TW2050ST(X) | \$235.75 | \$217.60 |
| | Flanged | 12 | TW1050F(X) | \$307.70 | \$297.20 | TW2050F(X) | \$473.45 | \$456.90 |
| 3/4" | Skt/Thd* | 12 | TW1075ST(X) | \$184.95 | \$169.65 | TW2075ST(X) | \$244.55 | \$244.55 |
| | Flanged | 12 | TW1075F(X) | \$326.90 | \$313.85 | TW2075F(X) | \$530.15 | \$503.90 |
| 1" | Skt/Thd* | 12 | TW1100ST(X) | \$224.70 | \$206.20 | TW2100ST(X) | \$345.70 | \$310.40 |
| | Flanged | 6 | TW1100F(X) | \$386.80 | \$368.25 | TW2100F(X) | \$574.50 | \$545.70 |
| 1-1/4" | Skt/Thd* | 6 | TW1125ST(X) | \$293.90 | \$249.45 | TW2125ST(X) | \$452.05 | \$383.50 |
| | Flanged | 6 | TW1125F(X) | \$661.95 | \$630.05 | TW2125F(X) | \$982.15 | \$932.80 |
| 1-1/2" | Skt/Thd* | 6 | TW1150ST(X) | \$316.15 | \$288.35 | TW2150ST(X) | \$486.10 | \$443.35 |
| | Flanged | 6 | TW1150F(X) | \$745.90 | \$707.40 | TW2150F(X) | \$1,086.50 | \$1,053.45 |
| 2" | Skt/Thd* | 1 | TW1200ST(X) | \$401.80 | \$353.70 | TW2200ST(X) | \$631.50 | \$543.80 |
| | Flanged | 1 | TW1200F(X) | \$1,006.00 | \$955.65 | TW2200F(X) | \$1,494.25 | \$1,421.15 |
| 2-1/2" | Socket | 1 | TW1250S(X) | \$1,257.10 | \$1,243.15 | TW2250S(X) | \$1,933.95 | \$1,912.30 |
| | Threaded | 1 | TW1250T(X) | \$1,257.10 | \$1,243.15 | TW2250T(X) | \$1,933.95 | \$1,912.30 |
| | Flanged | 1 | TW1250F(X) | \$2,178.50 | \$1,973.10 | TW2250F(X) | \$3,265.75 | \$3,035.15 |
| 3" | Socket | 1 | TW1300S(X) | \$1,279.90 | \$1,268.55 | TW2300S(X) | \$1,927.35 | \$1,951.50 |
| | Threaded | 1 | TW1300T(X) | \$1,279.90 | \$1,268.55 | TW2300T(X) | \$1,927.35 | \$1,951.50 |
| | Flanged | 1 | TW1300F(X) | \$2,178.50 | \$2,000.25 | TW2300F(X) | \$3,265.75 | \$3,077.45 |
| 4" | Socket | 1 | TW1400S(X) | \$2,214.05 | \$2,192.55 | TW2400S(X) | \$3,406.10 | \$3,373.05 |
| | Threaded | 1 | TW1400T(X) | \$2,214.05 | \$2,192.55 | TW2400T(X) | \$3,406.10 | \$3,373.05 |
| | Flanged | 1 | TW1400F(X) | \$3,045.65 | \$2,907.90 | TW2400F(X) | \$4,685.65 | \$4,517.85 |
| 6"*** | Flanged | 1 | TW1600F(X) | \$4,831.30 | \$4,831.30 | TW2600F(X) | \$7,959.80 | \$7,959.80 |

* 1/2" - 2" valves are supplied with socket and threaded end connectors.

** 4" valve venturied to 6".



TW SERIES THREE-WAY BALL VALVES

ACTUATION READY

One Piece Molded Body. Fully Serviceable. Rated to 150 PSI. True Union Design. Integrally Molded Stem Support and Mounting Platform. Double O-Ring Stem Seals. NT Ball Standard; TW or TP Balls Available at No Extra Cost. Consult Factory for Part Number. Mounting kit not included unless sold with actuator.

| SIZE | END CONN. | CTN QTY. | PVC LIST PRICE | | | CPVC LIST PRICE | | |
|--------|-----------|----------|----------------|------------|------------|-----------------|------------|------------|
| | | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd* | 24 | HCTN1050ST(X) | \$177.65 | \$169.40 | HCTN2050ST(X) | \$214.30 | \$205.40 |
| | Flanged | 12 | HCTN1050F(X) | \$266.20 | \$267.00 | HCTN2050F(X) | \$338.20 | \$335.00 |
| 3/4" | Skt/Thd* | 12 | HCTN1075ST(X) | \$198.65 | \$187.30 | HCTN2075ST(X) | \$218.85 | \$225.85 |
| | Flanged | 12 | HCTN1075F(X) | \$290.10 | \$288.85 | HCTN2075F(X) | \$382.10 | \$376.85 |
| 1" | Skt/Thd* | 12 | HCTN1100ST(X) | \$266.05 | \$250.95 | HCTN2100ST(X) | \$335.10 | \$310.40 |
| | Flanged | 6 | HCTN1100F(X) | \$365.45 | \$360.35 | HCTN2100F(X) | \$447.10 | \$441.95 |
| 1-1/4" | Skt/Thd* | 6 | HCTN1125ST(X) | \$296.15 | \$257.45 | HCTN2125ST(X) | \$376.30 | \$330.55 |
| | Flanged | 6 | HCTN1125F(X) | \$455.55 | \$429.00 | HCTN2125F(X) | \$506.95 | \$483.40 |
| 1-1/2" | Skt/Thd* | 6 | HCTN1150ST(X) | \$285.55 | \$271.00 | HCTN2150ST(X) | \$360.10 | \$341.85 |
| | Flanged | 6 | HCTN1150F(X) | \$536.90 | \$531.30 | HCTN2150F(X) | \$649.30 | \$656.50 |
| 2" | Skt/Thd* | 1 | HCTN1200ST(X) | \$371.05 | \$339.35 | HCTN2200ST(X) | \$480.70 | \$431.45 |
| | Flanged | 1 | HCTN1200F(X) | \$781.05 | \$773.15 | HCTN2200F(X) | \$940.60 | \$932.80 |
| 2-1/2" | Socket | 1 | HCTN1250S(X) | \$1,102.20 | \$1,076.10 | HCTN2250S(X) | \$1,564.00 | \$1,537.90 |
| | Threaded | 1 | HCTN1250T(X) | \$1,102.20 | \$1,076.10 | HCTN2250T(X) | \$1,564.00 | \$1,537.90 |
| | Flanged | 1 | HCTN1250F(X) | \$1,518.20 | \$1,366.75 | HCTN2250F(X) | \$2,094.95 | \$1,941.70 |
| 3" | Socket | 1 | HCTN1300S(X) | \$1,122.05 | \$1,098.25 | HCTN2300S(X) | \$1,558.75 | \$1,569.40 |
| | Threaded | 1 | HCTN1300T(X) | \$1,122.05 | \$1,098.25 | HCTN2300T(X) | \$1,558.75 | \$1,569.40 |
| | Flanged | 1 | HCTN1300F(X) | \$1,518.20 | \$1,385.70 | HCTN2300F(X) | \$2,094.95 | \$1,968.75 |
| 4" | Socket | 1 | HCTN1400S(X) | \$1,725.55 | \$1,701.85 | HCTN2400S(X) | \$2,375.50 | \$2,353.00 |
| | Threaded | 1 | HCTN1400T(X) | \$1,725.55 | \$1,701.85 | HCTN2400T(X) | \$2,375.50 | \$2,353.00 |
| | Flanged | 1 | HCTN1400F(X) | \$1,952.00 | \$1,858.80 | HCTN2400F(X) | \$2,852.35 | \$2,756.35 |
| 6"*** | Flanged | 1 | HCTN1600F(X) | \$2,879.70 | \$2,883.20 | HCTN2600F(X) | \$4,508.95 | \$4,526.65 |

* 1/2" thru 2" valves are supplied with both socket and threaded end connections.

** 4" valve venturied to 6".



LA SERIES LATERAL THREE-WAY TRUE UNION BALL VALVES

All Lateral Three-Way Ball Valves are assembled with silicone free lubricant and have PTFE seats. One Piece Molded Body. Fully Serviceable. Rated to 150 PSI. True Union Design. Double O-Ring Stem Seals. 90° Turn or 180°; Depending on Required Flow Pattern*

| SIZE | END CONN. | CTN QTY. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-----------|----------|-------------|------------|------------|-------------|------------|------------|
| | | | PART NO. | FPM (V) | EPDM (E) | PART NO. | FPM (V) | EPDM (E) |
| 1/2" | Skt/Thd** | 24 | LA1050ST(X) | \$156.85 | \$144.65 | LA2050ST(X) | \$235.75 | \$221.30 |
| | Flanged | 12 | LA1050F(X) | \$308.35 | \$295.10 | LA2050F(X) | \$473.45 | \$456.90 |
| 3/4" | Skt/Thd** | 12 | LA1075ST(X) | \$173.45 | \$171.45 | LA2075ST(X) | \$284.15 | \$260.95 |
| | Flanged | 12 | LA1075F(X) | \$310.45 | \$308.35 | LA2075F(X) | \$502.75 | \$482.50 |
| 1" | Skt/Thd** | 12 | LA1100ST(X) | \$205.80 | \$205.80 | LA2100ST(X) | \$345.70 | \$310.40 |
| | Flanged | 6 | LA1100F(X) | \$410.20 | \$391.20 | LA2100F(X) | \$744.50 | \$580.75 |
| 1-1/4" | Skt/Thd** | 6 | LA1125ST(X) | \$243.65 | \$240.90 | LA2125ST(X) | \$452.05 | \$383.50 |
| | Flanged | 6 | LA1125F(X) | \$702.10 | \$681.70 | LA2125F(X) | \$1,371.30 | \$991.25 |
| 1-1/2" | Skt/Thd** | 6 | LA1150ST(X) | \$284.75 | \$284.75 | LA2150ST(X) | \$486.10 | \$443.35 |
| | Flanged | 6 | LA1150F(X) | \$762.40 | \$724.10 | LA2150F(X) | \$1,386.30 | \$1,075.15 |
| 2" | Skt/Thd** | 1 | LA1200ST(X) | \$349.25 | \$341.85 | LA2200ST(X) | \$631.50 | \$543.80 |
| | Flanged | 1 | LA1200F(X) | \$1,027.25 | \$976.80 | LA2200F(X) | \$1,819.30 | \$1,449.85 |
| 2-1/2" | Socket | 1 | LA1250S(X) | \$1,176.95 | \$1,152.20 | LA2250S(X) | \$1,933.95 | \$1,912.30 |
| | Threaded | 1 | LA1250T(X) | \$1,176.95 | \$1,152.20 | LA2250T(X) | \$1,933.95 | \$1,912.30 |
| | Flanged | 1 | LA1250F(X) | \$1,964.50 | \$1,923.30 | LA2250F(X) | \$3,537.65 | \$3,035.15 |
| 3" | Socket | 1 | LA1300S(X) | \$1,244.30 | \$1,200.85 | LA2300S(X) | \$1,968.75 | \$1,951.50 |
| | Threaded | 1 | LA1300T(X) | \$1,244.30 | \$1,200.85 | LA2300T(X) | \$1,968.75 | \$1,951.50 |
| | Flanged | 1 | LA1300F(X) | \$2,223.75 | \$1,990.35 | LA2300F(X) | \$3,561.00 | \$3,077.45 |
| 4" | Socket | 1 | LA1400S(X) | \$2,199.15 | \$2,174.75 | LA2400S(X) | \$3,406.10 | \$3,373.05 |
| | Threaded | 1 | LA1400T(X) | \$2,199.15 | \$2,174.75 | LA2400T(X) | \$3,406.10 | \$3,373.05 |
| | Flanged | 1 | LA1400F(X) | \$3,160.70 | \$2,891.45 | LA2400F(X) | \$4,685.65 | \$4,517.85 |
| 6"*** | Flanged | 1 | LA1600F(X) | \$5,835.80 | \$5,776.40 | LA2600F(X) | \$8,748.65 | \$8,489.30 |

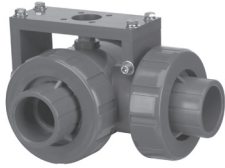
* T port requires 180° actuation and L port requires 90° actuation.

** 1/2" thru 2" valves are supplied with both socket and threaded end connections.

*** 4" valve venturied to 6"

****For 90° or 180° Ball option, add \$50.00 to List Price****.





LA SERIES LATERAL THREE-WAY BALL VALVES

****ACTUATION READY****

*One Piece Molded Body. Fully Serviceable. Rated to 150 PSI. True Union Design Double O-Ring Stem Seals. 90° Turn or 180°; Depending on Required Flow Pattern**

These prices include a mounting kit and installation when purchased with an actuator.

| SIZE | END CONN. | CTN QTY. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-----------|----------|-----------------|------------|------------|-----------------|------------|------------|
| | | | PART NO. | FPM (V90) | EPDM (E90) | PART NO. | FPM (V90) | EPDM (E90) |
| 1/2" | Skt/Thd** | 24 | HCLA1050ST(XXX) | \$219.15 | \$206.55 | HCLA2050ST(XXX) | \$260.85 | \$254.45 |
| | Flanged | 12 | HCLA1050F(XXX) | \$325.30 | \$324.20 | HCLA2050F(XXX) | \$414.60 | \$409.65 |
| 3/4" | Skt/Thd** | 12 | HCLA1075ST(XXX) | \$234.50 | \$225.15 | HCLA2075ST(XXX) | \$311.10 | \$293.35 |
| | Flanged | 12 | HCLA1075F(XXX) | \$348.80 | \$334.05 | HCLA2075F(XXX) | \$442.70 | \$443.45 |
| 1" | Skt/Thd** | 12 | HCLA1100ST(XXX) | \$307.05 | \$298.20 | HCLA2100ST(XXX) | \$409.65 | \$380.05 |
| | Flanged | 6 | HCLA1100F(XXX) | \$476.30 | \$468.10 | HCLA2100F(XXX) | \$708.30 | \$575.55 |
| 1-1/4" | Skt/Thd** | 6 | HCLA1125ST(XXX) | \$306.70 | \$297.20 | HCLA2125ST(XXX) | \$460.90 | \$405.70 |
| | Flanged | 6 | HCLA1125F(XXX) | \$591.90 | \$569.65 | HCLA2125F(XXX) | \$866.95 | \$629.55 |
| 1-1/2" | Skt/Thd** | 6 | HCLA1150ST(XXX) | \$314.80 | \$311.65 | HCLA2150ST(XXX) | \$441.40 | \$417.75 |
| | Flanged | 6 | HCLA1150F(XXX) | \$674.55 | \$666.15 | HCLA2150F(XXX) | \$1,016.10 | \$821.35 |
| 2" | Skt/Thd** | 1 | HCLA1200ST(XXX) | \$410.50 | \$387.30 | HCLA2200ST(XXX) | \$588.10 | \$528.20 |
| | Flanged | 1 | HCLA1200F(XXX) | \$976.80 | \$966.25 | HCLA2200F(XXX) | \$1,404.00 | \$1,166.75 |
| 2-1/2" | Socket | 1 | HCLA1250S(XXX) | \$1,247.45 | \$1,235.90 | HCLA2250S(XXX) | \$1,916.60 | \$1,882.85 |
| | Threaded | 1 | HCLA1250T(XXX) | \$1,247.45 | \$1,235.90 | HCLA2250T(XXX) | \$1,916.60 | \$1,882.85 |
| | Flanged | 1 | HCLA1250F(XXX) | \$1,666.50 | \$1,641.05 | HCLA2250F(XXX) | \$2,781.45 | \$2,379.95 |
| 3" | Socket | 1 | HCLA1300S(XXX) | \$1,334.80 | \$1,272.85 | HCLA2300S(XXX) | \$1,951.25 | \$1,921.45 |
| | Threaded | 1 | HCLA1300T(XXX) | \$1,334.80 | \$1,272.85 | HCLA2300T(XXX) | \$1,951.25 | \$1,921.45 |
| | Flanged | 1 | HCLA1300F(XXX) | \$1,897.80 | \$1,688.35 | HCLA2300F(XXX) | \$2,799.75 | \$2,413.05 |
| 4" | Socket | 1 | HCLA1400S(XXX) | \$2,098.60 | \$2,069.85 | HCLA2400S(XXX) | \$2,911.35 | \$2,884.60 |
| | Threaded | 1 | HCLA1400T(XXX) | \$2,098.60 | \$2,069.85 | HCLA2400T(XXX) | \$2,911.35 | \$2,884.60 |
| | Flanged | 1 | HCLA1400F(XXX) | \$2,482.20 | \$2,264.65 | HCLA2400F(XXX) | \$3,494.55 | \$3,379.10 |
| 6"*** | Flanged | 1 | HCLA1600F(XXX) | \$4,262.20 | \$4,224.35 | HCLA2600F(XXX) | \$6,071.40 | \$5,917.50 |

* T port requires 180° actuation and L port requires 90° actuation.

** 1/2" thru 2" valves are supplied with both socket and threaded end connections.

*** 4" valve venturied to 6".

TC SERIES TRUE UNION BALL CHECK VALVES

All Ball Check Valves are assembled with silicone free lubricant.



| SIZE | END CONN. | CTN QTY. | PVC LIST PRICE | | | CPVC LIST PRICE | | |
|----------|--------------|-------------|----------------|------------|-------------|-----------------|------------|-------------|
| | | | PART NO. | FPM | EPDM (E) | PART NO. | FPM | EPDM (E) |
| 1/4"**** | Socket | 12 | TC10025S(X) | \$119.85 | - | - | - | - |
| | Threaded | 12 | TC10025T(X) | \$119.85 | - | - | - | - |
| 3/8"**** | Socket | 12 | TC10037S(X) | \$119.85 | - | - | - | - |
| | Threaded | 12 | TC10037T(X) | \$119.85 | - | - | - | - |
| 1/2" | Skt/Thd* | 12 | TC10050ST(X) | \$136.30 | \$119.85 | TC20050ST(X) | \$216.20 | \$197.15 |
| | Flanged | 12 | TC10050F(X) | \$329.40 | \$247.80 | TC20050F(X) | \$418.65 | \$336.55 |
| 3/4" | Skt/Thd* | 12 | TC10075ST(X) | \$152.40 | \$136.30 | TC20075ST(X) | \$254.65 | \$227.25 |
| | Flanged | 12 | TC10075F(X) | \$375.40 | \$293.70 | TC20075F(X) | \$484.30 | \$388.60 |
| 1" | Skt/Thd* | 12 | TC10100ST(X) | \$193.80 | \$171.85 | TC20100ST(X) | \$306.40 | \$284.65 |
| | Flanged | 6 | TC10100F(X) | \$481.50 | \$380.70 | TC20100F(X) | \$604.55 | \$500.70 |
| 1-1/4" | Skt/Thd* | 6 | TC10125ST(X) | \$320.95 | \$278.25 | TC20125ST(X) | \$530.70 | \$484.30 |
| | Flanged | 6 | TC10125F(X) | \$799.60 | \$636.40 | TC20125F(X) | \$981.75 | \$935.30 |
| 1-1/2" | Skt/Thd* | 6 | TC10150ST(X) | \$320.95 | \$278.25 | TC20150ST(X) | \$530.70 | \$484.30 |
| | Flanged | 6 | TC10150F(X) | \$894.95 | \$704.40 | TC20150F(X) | \$1,099.50 | \$1,044.45 |
| 2" | Skt/Thd* | 1 | TC10200ST(X) | \$430.00 | \$391.65 | TC20200ST(X) | \$708.55 | \$640.15 |
| | Flanged | 1 | TC10200F(X) | \$829.70 | \$777.90 | TC20200F(X) | \$1,450.10 | \$1,282.90 |
| 2-1/2" | Socket | 1 | TC1250S(X) | \$977.45 | \$919.55 | TC2250S(X) | \$1,789.30 | \$1,524.90 |
| | Threaded | 1 | TC1250T(X) | \$977.45 | \$919.55 | TC2250T(X) | \$1,789.30 | \$1,524.90 |
| | Flanged | 1 | TC1250F(X) | \$1,672.40 | \$1,532.40 | TC2250F(X) | \$2,383.15 | \$2,331.25 |
| 3" | Socket | 1 | TC1300S(X) | \$1,002.40 | \$947.20 | TC2300S(X) | \$1,845.55 | \$1,524.90 |
| | Threaded | 1 | TC1300T(X) | \$1,002.40 | \$947.20 | TC2300T(X) | \$1,845.55 | \$1,524.90 |
| | Flanged | 1 | TC1300F(X) | \$2,028.70 | \$1,927.50 | TC2300F(X) | \$3,273.90 | \$2,729.65 |
| 4" | Socket | 1 | TC1400S(X) | \$1,973.75 | \$1,903.00 | TC2400S(X) | \$3,719.10 | \$3,310.35 |
| | Threaded | 1 | TC1400T(X) | \$1,973.75 | \$1,903.00 | TC2400T(X) | \$3,719.10 | \$3,310.35 |
| | Flanged | 1 | TC1400F(X) | \$3,131.45 | \$3,031.40 | TC2400F(X) | \$5,508.35 | \$4,904.30 |
| 6"*** | Flanged | 1 | TC1600F(X) | \$4,226.80 | \$4,090.75 | TC2600F(X) | \$7,432.95 | \$6,620.55 |

* 1/2" - 2" PVC and CPVC valves are supplied with socket and threaded end connectors.

** 4" valve venturied to 6".

*** Trim check design only.

**** Metric sizes and pricing are available. See the Hayward Metric Price Book.



TC SERIES TRUE UNION BALL CHECK VALVES (CONT.)

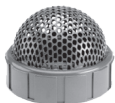
All Ball Check Valves are assembled with silicone free lubricant.



| SIZE | END CONN. | CTN QTY. | PP LIST PRICE | | |
|--------|--------------|-------------|---------------|----------|-------------|
| | | | PART NO. | FPM | EPDM (E) |
| 1/2" | Threaded | 12 | TC30050T(X) | \$309.85 | \$248.05 |
| | Skt Fusion | 12 | TC30050S(X) | \$309.85 | \$248.05 |
| 3/4" | Threaded | 12 | TC30075T(X) | \$374.05 | \$299.40 |
| | Skt Fusion | 12 | TC30075S(X) | \$374.05 | \$299.40 |
| 1" | Threaded | 12 | TC30100T(X) | \$441.35 | \$352.95 |
| | Skt Fusion | 12 | TC30100S(X) | \$441.35 | \$352.95 |
| 1-1/2" | Threaded | 6 | TC30150T(X) | \$736.35 | \$589.00 |
| | Skt Fusion | 12 | TC30150S(X) | \$736.35 | \$676.10 |
| 2" | Threaded | 1 | TC30200T(X) | \$990.00 | \$792.25 |
| | Skt Fusion | 12 | TC30200S(X) | \$990.00 | \$792.25 |

| SIZE | END CONN. | CTN QTY. | PVDF***** LIST PRICE | |
|------|--------------|-------------|----------------------|------------|
| | | | PART NO. | FPM |
| 1/4" | Threaded | 12 | TC50025T | \$830.90 |
| | Skt Fusion | 12 | TC50025S | \$830.90 |
| 3/8" | Threaded | 12 | TC50037T | \$830.90 |
| | Skt Fusion | 12 | TC50037S | \$830.90 |
| 1/2" | Threaded | 12 | TC50050T | \$830.90 |
| | Skt Fusion | 12 | TC50050S | \$830.90 |
| 3/4" | Threaded | 12 | TC50075T | \$1,086.80 |
| | Skt Fusion | 12 | TC50075S | \$1,086.80 |
| 1" | Threaded | 12 | TC50100T | \$1,338.70 |
| | Skt Fusion | 12 | TC50100S | \$1,338.70 |

*****PTFE Ball with FPM Seals



TRUE UNION BALL CHECK FOOT VALVE SCREENS

Used to convert True Union Ball Check Valves to foot valves. Nominal 3/16" Perf.

| SIZE | PVC | | CPVC | | PP | |
|-----------------|-----------|------------|-----------|------------|-----------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | FV10050SA | \$74.45 | FV20050SA | \$104.80 | FVP0050SA | \$102.85 |
| 3/4" | FV10075SA | \$90.60 | FV20075SA | \$113.45 | FVP0075SA | \$118.40 |
| 1" | FV10100SA | \$105.45 | FV20100SA | \$128.50 | FVP0100SA | \$314.25 |
| 1-1/4" - 1-1/2" | FV10150SA | \$157.05 | FV20150SA | \$203.95 | FVP0150SA | \$323.50 |
| 2" | FV10200SA | \$184.60 | FV20200SA | \$228.95 | FVP0200SA | \$333.40 |
| 2-1/2" - 3" | FV10300SA | \$257.85 | FV20300SA | \$378.15 | N/A | - |
| 4" | FV10400SA | \$312.50 | FV20400SA | \$511.60 | N/A | - |

YC SERIES Y-CHECK VALVES

All Y-Check Valves are assembled with silicone free lubricant.



| SIZE | END CONN. | PVC LIST PRICE | | | CPVC LIST PRICE | | |
|--------|-----------|----------------|------------|------------|-----------------|------------|------------|
| | | PART NO. | FPM | EPDM (E) | PART NO. | FPM | EPDM (E) |
| 1/2" | Socket | YC10050S(X) | \$178.45 | \$178.45 | YC20050S(X) | \$413.60 | \$413.60 |
| | Threaded | YC10050T(X) | \$178.45 | \$178.45 | YC20050T(X) | \$413.60 | \$413.60 |
| | Flanged | YC10050F(X) | \$233.95 | \$233.95 | YC20050F(X) | \$493.55 | \$493.55 |
| 3/4" | Socket | YC10075S(X) | \$193.25 | \$193.25 | YC20075S(X) | \$456.90 | \$456.90 |
| | Threaded | YC10075T(X) | \$193.25 | \$193.25 | YC20075T(X) | \$456.90 | \$456.90 |
| | Flanged | YC10075F(X) | \$258.65 | \$258.65 | YC20075F(X) | \$520.00 | \$520.00 |
| 1" | Socket | YC10100S(X) | \$209.35 | \$209.35 | YC20100S(X) | \$584.95 | \$584.95 |
| | Threaded | YC10100T(X) | \$209.35 | \$209.35 | YC20100T(X) | \$584.95 | \$584.95 |
| | Flanged | YC10100F(X) | \$310.10 | \$310.10 | YC20100F(X) | \$688.10 | \$688.10 |
| 1-1/4" | Socket | YC10125S(X) | \$329.40 | \$329.40 | YC20125S(X) | \$908.20 | \$908.20 |
| | Threaded | YC10125T(X) | \$329.40 | \$329.40 | YC20125T(X) | \$908.20 | \$908.20 |
| | Flanged | YC10125F(X) | \$475.85 | \$475.85 | YC20125F(X) | \$1,068.40 | \$1,068.40 |
| 1-1/2" | Socket | YC10150S(X) | \$359.15 | \$359.15 | YC20150S(X) | \$908.20 | \$908.20 |
| | Threaded | YC10150T(X) | \$359.15 | \$359.15 | YC20150T(X) | \$908.20 | \$908.20 |
| | Flanged | YC10150F(X) | \$503.05 | \$503.05 | YC20150F(X) | \$1,068.40 | \$1,068.40 |
| 2" | Socket | YC10200S(X) | \$445.95 | \$445.95 | YC20200S(X) | \$1,167.30 | \$1,167.30 |
| | Threaded | YC10200T(X) | \$445.95 | \$445.95 | YC20200T(X) | \$1,167.30 | \$1,167.30 |
| | Flanged | YC10200F(X) | \$677.15 | \$677.15 | YC20200F(X) | \$1,574.15 | \$1,574.15 |
| 2-1/2" | Socket | YC10250S(X) | \$949.90 | \$959.20 | YC20250S(X) | \$1,472.70 | \$1,487.25 |
| | Threaded | YC10250T(X) | \$949.90 | \$959.20 | YC20250T(X) | \$1,472.70 | \$1,487.25 |
| | Flanged | YC10250F(X) | \$1,400.55 | \$1,414.50 | YC20250F(X) | \$1,732.50 | \$1,749.70 |
| 3" | Socket | YC10300S(X) | \$949.90 | \$959.20 | YC20300S(X) | \$1,472.70 | \$1,487.25 |
| | Threaded | YC10300T(X) | \$949.90 | \$959.20 | YC20300T(X) | \$1,472.70 | \$1,487.25 |
| | Flanged | YC10300F(X) | \$1,400.55 | \$1,414.50 | YC20300F(X) | \$1,732.50 | \$1,749.70 |
| 4" | Socket | YC10400S(X) | \$1,554.35 | \$1,569.85 | YC20400S(X) | \$2,544.00 | \$2,569.25 |
| | Threaded | YC10400T(X) | \$1,554.35 | \$1,569.85 | YC20400T(X) | \$2,544.00 | \$2,569.25 |
| | Flanged | YC10400F(X) | \$2,130.00 | \$2,151.00 | YC20400F(X) | \$2,992.85 | \$3,022.55 |





YC SERIES Y-CHECK VALVES (CONT.)

All Y-Check Valves are assembled with silicone free lubricant.

| SIZE | END CONN. | PVDF | LIST PRICE |
|------|-------------------|----------|------------|
| | | PART NO. | FPM |
| 1/2" | IPS Socket Fusion | YC50050S | \$988.90 |
| | Threaded | YC50050T | \$988.90 |
| 3/4" | IPS Socket Fusion | YC50075S | \$1,252.75 |
| | Threaded | YC50075T | \$1,252.75 |
| 1" | IPS Socket Fusion | YC50100S | \$1,315.15 |
| | Threaded | YC50100T | \$1,315.15 |

YC SERIES TRUE UNION Y-CHECK VALVES

All Y-Check Valves are assembled with silicone free lubricant.



| SIZE | END CONN. | PVC | LIST PRICE | | | CPVC | LIST PRICE | | |
|--------|--------------|--------------|------------|--------------|--|--------------|------------|--------------|--|
| | | PART NO. | FPM (U) | EPDM (EU) | | PART NO. | FPM (U) | EPDM (EU) | |
| 1/2" | Socket | YC10050S(XX) | \$201.35 | \$201.35 | | YC20050S(XX) | \$471.05 | \$471.05 | |
| | Threaded | YC10050T(XX) | \$201.35 | \$201.35 | | YC20050T(XX) | \$471.05 | \$471.05 | |
| 3/4" | Socket | YC10075S(XX) | \$220.35 | \$220.35 | | YC20075S(XX) | \$527.40 | \$527.40 | |
| | Threaded | YC10075T(XX) | \$220.35 | \$220.35 | | YC20075T(XX) | \$527.40 | \$527.40 | |
| 1" | Socket | YC10100S(XX) | \$231.55 | \$231.55 | | YC20100S(XX) | \$646.90 | \$646.90 | |
| | Threaded | YC10100T(XX) | \$231.55 | \$231.55 | | YC20100T(XX) | \$646.90 | \$646.90 | |
| 1-1/4" | Socket | YC10125S(XX) | \$375.05 | \$375.05 | | YC20125S(XX) | \$1,047.55 | \$1,047.55 | |
| | Threaded | YC10125T(XX) | \$375.05 | \$375.05 | | YC20125T(XX) | \$1,047.55 | \$1,047.55 | |
| 1-1/2" | Socket | YC10150S(XX) | \$410.35 | \$410.35 | | YC20150S(XX) | \$1,057.65 | \$1,057.65 | |
| | Threaded | YC10150T(XX) | \$410.35 | \$410.35 | | YC20150T(XX) | \$1,057.65 | \$1,057.65 | |
| 2" | Socket | YC10200S(XX) | \$486.90 | \$486.90 | | YC20200S(XX) | \$1,288.50 | \$1,288.50 | |
| | Threaded | YC10200T(XX) | \$486.90 | \$486.90 | | YC20200T(XX) | \$1,288.50 | \$1,288.50 | |
| 2-1/2" | Socket | YC10250S(XX) | \$978.35 | \$968.75 | | YC20250S(XX) | \$1,537.00 | \$1,537.00 | |
| | Threaded | YC10250T(XX) | \$978.35 | \$968.75 | | YC20250T(XX) | \$1,537.00 | \$1,537.00 | |
| 3" | Socket | YC10300S(XX) | \$1,008.45 | \$998.55 | | YC20300S(XX) | \$1,584.25 | \$1,584.25 | |
| | Threaded | YC10300T(XX) | \$1,008.45 | \$998.55 | | YC20300T(XX) | \$1,584.25 | \$1,584.25 | |
| 4" | Socket | YC10400S(XX) | \$1,601.10 | \$1,585.45 | | YC20400S(XX) | \$2,639.25 | \$2,639.25 | |
| | Threaded | YC10400T(XX) | \$1,601.10 | \$1,585.45 | | YC20400T(XX) | \$2,639.25 | \$2,639.25 | |

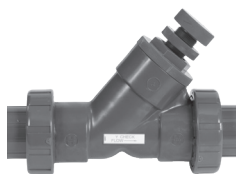


SLC SERIES SPRING-LOADED Y-CHECK VALVES

All Spring-Loaded Y-Check Valves are suitable for both horizontal and vertical installation.

1" valves are furnished with extra 1/2" and 3/4" threaded reducer bushings. 2" valves are furnished with extra 1-1/2" threaded reducer bushings. [Consult factory for CPVC options.](#)

| SIZE | END CONN. | PVC | LIST PRICE | |
|------|-----------|--------------|------------|------------|
| | | PART NO. | FPM | EPDM (E) |
| 1" | Threaded | SLC10100T(X) | \$389.10 | \$375.00 |
| 2" | Threaded | SLC10200T(X) | \$516.55 | \$502.65 |
| 3" | Threaded | SLC10300T(X) | \$859.85 | \$828.35 |
| 4" | Threaded | SLC10400T(X) | \$1,106.95 | \$1,043.30 |



SLC SERIES SPRING-LOADED TRUE UNION Y-CHECK VALVES

All Spring-Loaded Y-Check Valves are suitable for both horizontal and vertical installation. FPM or EPDM Seat & Seals available.

| SIZE | END CONN. | PVC | LIST PRICE | |
|--------|-----------|---------------|------------|------------|
| | | PART NO. | FPM (U) | EPDM (EU) |
| 1/2" | Socket | SLC10050S(XX) | \$220.30 | \$209.35 |
| | Threaded | SLC10050T(XX) | \$220.30 | \$209.35 |
| 3/4" | Socket | SLC10075S(XX) | \$240.90 | \$228.95 |
| | Threaded | SLC10075T(XX) | \$240.90 | \$228.95 |
| 1" | Socket | SLC10100S(XX) | \$415.60 | \$399.15 |
| | Threaded | SLC10100T(XX) | \$415.60 | \$399.15 |
| 1-1/4" | Socket | SLC10125S(XX) | \$415.60 | \$399.15 |
| | Threaded | SLC10125T(XX) | \$415.60 | \$399.15 |
| 1-1/2" | Socket | SLC10150S(XX) | \$448.75 | \$426.20 |
| | Threaded | SLC10150T(XX) | \$448.75 | \$426.20 |
| 2" | Socket | SLC10200S(XX) | \$550.50 | \$536.10 |
| | Threaded | SLC10200T(XX) | \$550.50 | \$536.10 |
| 2-1/2" | Socket | SLC10250S(XX) | \$915.65 | \$881.55 |
| | Threaded | SLC10250T(XX) | \$915.65 | \$881.55 |
| 3" | Socket | SLC10300S(XX) | \$915.65 | \$881.55 |
| | Threaded | SLC10300T(XX) | \$915.65 | \$881.55 |
| 4" | Socket | SLC10400S(XX) | \$1,179.90 | \$1,110.00 |
| | Threaded | SLC10400T(XX) | \$1,179.90 | \$1,110.00 |



SW SERIES SWING CHECK VALVES

Swing Check Valves are assembled with silicone free lubricant and are furnished with two o-ring flange seals, so no additional gaskets are required for installation.

| PVC WITH FPM SEALS | | | |
|--------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW1300V | \$1,652.50 |
| 4" | Flanged | SW1400V | \$2,246.70 |
| 6" | Flanged | SW1600V | \$3,294.65 |
| 8" | Flanged | SW1800V | \$4,542.35 |

| PVC WITH EPDM SEALS | | | |
|---------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW1300E | \$1,314.45 |
| 4" | Flanged | SW1400E | \$1,752.35 |
| 6" | Flanged | SW1600E | \$2,589.40 |
| 8" | Flanged | SW1800E | \$3,694.20 |

| PVC WITH FPM SEALS & COUNTERWEIGHT | | | |
|------------------------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW1300VC | \$2,001.50 |
| 4" | Flanged | SW1400VC | \$2,594.50 |
| 6" | Flanged | SW1600VC | \$3,642.35 |
| 8" | Flanged | SW1800VC | \$4,887.55 |

| PVC WITH EPDM SEALS & COUNTERWEIGHT | | | |
|-------------------------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW1300EC | \$1,660.95 |
| 4" | Flanged | SW1400EC | \$2,098.80 |
| 6" | Flanged | SW1600EC | \$2,934.40 |
| 8" | Flanged | SW1800EC | \$4,044.35 |

| CPVC WITH FPM SEALS | | | |
|---------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW2300V | \$3,839.10 |
| 4" | Flanged | SW2400V | \$5,219.45 |
| 6" | Flanged | SW2600V | \$7,651.65 |

| CPVC WITH EPDM SEALS | | | |
|----------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW2300E | \$3,052.55 |
| 4" | Flanged | SW2400E | \$4,070.90 |
| 6" | Flanged | SW2600E | \$6,008.30 |

| CPVC WITH FPM SEALS & COUNTERWEIGHT | | | |
|-------------------------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW2300VC | \$4,206.30 |
| 4" | Flanged | SW2400VC | \$5,583.85 |
| 6" | Flanged | SW2600VC | \$8,016.45 |

| CPVC WITH EPDM SEALS & COUNTERWEIGHT | | | |
|--------------------------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW2300EC | \$3,409.50 |
| 4" | Flanged | SW2400EC | \$4,435.45 |
| 6" | Flanged | SW2600EC | \$6,378.15 |

| GFPP WITH FPM SEALS | | | |
|---------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW4300V | \$2,143.05 |
| 4" | Flanged | SW4400V | \$2,912.20 |
| 6" | Flanged | SW4600V | \$4,271.85 |
| 8" | Flanged | SW4800V | \$5,893.25 |

| GFPP WITH EPDM SEALS | | | |
|----------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW4300E | \$1,706.55 |
| 4" | Flanged | SW4400E | \$2,271.25 |
| 6" | Flanged | SW4600E | \$3,354.30 |
| 8" | Flanged | SW4800E | \$4,792.30 |

| GFPP WITH FPM SEALS & COUNTERWEIGHT | | | |
|-------------------------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW4300VC | \$2,506.90 |
| 4" | Flanged | SW4400VC | \$3,292.55 |
| 6" | Flanged | SW4600VC | \$5,220.00 |
| 8" | Flanged | SW4800VC | \$6,401.95 |

| GFPP WITH EPDM SEALS & COUNTERWEIGHT | | | |
|--------------------------------------|-----------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 3" | Flanged | SW4300EC | \$1,842.60 |
| 4" | Flanged | SW4400EC | \$2,425.85 |
| 6" | Flanged | SW4600EC | \$3,822.45 |
| 8" | Flanged | SW4800EC | \$5,205.90 |



WCV SERIES FULL PATTERN WAFER CHECK VALVES

WCV Full Wafer Check Valves require No Spacer or Specialty Flange. High Flow Rate, Equal to or Greater than Metal Counterparts. Size Range 2" - 12". Pressure Rated at 150 PSI for All Sizes. Assembled with silicone free lubricant.

| PVC | | LIST PRICE | | | | |
|--------|--------------|---------------------------------------|-----------------|------------------------|------------|-------------|
| | | WITH SPRING (O-RING/SPRING MATERIALS) | | | NO SPRING | |
| SIZE | PART NO. | FPM/SS (VS) | EPDM/SS (ES) | FPM/HASTELLOY® (VH) | FPM (V) | EPDM (E) |
| 2" | WCV1200(XX) | \$454.90 | \$434.70 | \$619.15 | \$391.25 | \$373.80 |
| 2-1/2" | WCV1250(XX) | \$535.10 | \$505.80 | \$747.00 | \$460.20 | \$435.05 |
| 3" | WCV1300(XX) | \$636.95 | \$584.55 | \$884.50 | \$547.80 | \$502.55 |
| 4" | WCV1400(XX) | \$749.10 | \$668.65 | \$1,040.45 | \$644.35 | \$575.20 |
| 6" | WCV1600(XX) | \$1,058.00 | \$955.00 | \$1,469.65 | \$910.00 | \$821.45 |
| 8" | WCV1800(XX) | \$2,013.05 | \$1,885.85 | \$2,795.55 | \$1,731.20 | \$1,621.85 |
| 10" | WCV11000(XX) | \$2,490.80 | \$2,327.85 | \$3,462.20 | \$2,142.10 | \$2,001.95 |
| 12" | WCV11200(XX) | \$3,102.45 | \$2,899.50 | \$4,312.45 | \$2,668.15 | \$2,493.60 |

| CPVC | | LIST PRICE | | | | |
|--------|--------------|---------------------------------------|-----------------|------------------------|------------|-------------|
| | | WITH SPRING (O-RING/SPRING MATERIALS) | | | NO SPRING | |
| SIZE | PART NO. | FPM/SS (VS) | EPDM/SS (ES) | FPM/HASTELLOY® (VH) | FPM (V) | EPDM (E) |
| 2" | WCV2200(XX) | \$568.40 | \$543.15 | \$793.55 | \$488.95 | \$467.15 |
| 2-1/2" | WCV2250(XX) | \$668.65 | \$632.25 | \$957.55 | \$575.20 | \$543.70 |
| 3" | WCV2300(XX) | \$827.00 | \$749.10 | \$1,133.80 | \$702.25 | \$661.35 |
| 4" | WCV2400(XX) | \$936.30 | \$857.15 | \$1,284.55 | \$795.40 | \$737.35 |
| 6" | WCV2600(XX) | \$1,322.70 | \$1,193.80 | \$1,813.95 | \$1,096.35 | \$1,026.75 |
| 8" | WCV2800(XX) | \$2,516.20 | \$2,357.10 | \$3,494.60 | \$2,164.00 | \$2,027.05 |
| 10" | WCV21000(XX) | \$3,269.20 | \$3,055.30 | \$4,544.15 | \$2,811.50 | \$2,627.55 |
| 12" | WCV21200(XX) | \$4,072.00 | \$3,805.60 | \$5,660.10 | \$3,501.90 | \$3,272.80 |

Consult factory for larger WAFER CHECK VALVES



BYV SERIES BUTTERFLY VALVES

LEVER OPERATED

The revolutionary hand lever design features a 72 spline interlock mechanism allowing for 19 stopping positions in 5 degree increments. Additionally, the hand lever material incorporates a UV inhibitor for enhanced performance in outdoor applications.



Valve certified to
NSF/ANSI 61 & 372
PVC/EPDM 2" - 12"
CPVC/EPDM 4" - 12"

| SIZE | BODY | DISC | PART NO. | LIST PRICE | | |
|--------|------|------|-------------------|------------------------------------|--|---------------------------------------|
| | | | | EPDM LINER AND SEALS (EL000) | VITON® LINER AND FPM SEALS (VL000) | NITRILE LINER AND SEALS (NL000) |
| 2" | PVC | PVC | BYV11020A0(XXXXX) | \$501.55 | \$677.40 | \$501.55 |
| | PVC | GFPP | BYV14020A0(XXXXX) | \$501.55 | \$677.40 | \$501.55 |
| | CPVC | CPVC | BYV22020A0(XXXXX) | \$589.40 | \$864.00 | \$589.40 |
| | GFPP | GFPP | BYV44020A0(XXXXX) | \$661.20 | \$934.55 | \$661.20 |
| | GFPP | PVDF | BYV45020A0(XXXXX) | \$899.95 | \$1,112.35 | \$899.95 |
| 2-1/2" | PVC | PVC | BYV11025A0(XXXXX) | \$563.70 | \$957.80 | \$563.70 |
| | PVC | GFPP | BYV14025A0(XXXXX) | \$563.70 | \$957.80 | \$563.70 |
| | CPVC | CPVC | BYV22025A0(XXXXX) | \$663.50 | \$964.45 | \$663.50 |
| | GFPP | GFPP | BYV44025A0(XXXXX) | \$695.10 | \$1,053.00 | \$695.10 |
| | GFPP | PVDF | BYV45025A0(XXXXX) | \$1,106.10 | \$1,508.15 | \$1,106.10 |
| 3" | PVC | PVC | BYV11030A0(XXXXX) | \$544.55 | \$909.45 | \$544.55 |
| | PVC | GFPP | BYV14030A0(XXXXX) | \$544.55 | \$909.45 | \$544.55 |
| | CPVC | CPVC | BYV22030A0(XXXXX) | \$641.15 | \$1,124.85 | \$641.15 |
| | GFPP | GFPP | BYV44030A0(XXXXX) | \$706.05 | \$1,256.80 | \$706.05 |
| | GFPP | PVDF | BYV45030A0(XXXXX) | \$1,222.20 | \$1,486.80 | \$1,222.20 |
| 4" | PVC | PVC | BYV11040A0(XXXXX) | \$632.45 | \$1,128.30 | \$632.45 |
| | PVC | GFPP | BYV14040A0(XXXXX) | \$632.45 | \$1,128.30 | \$632.45 |
| | CPVC | CPVC | BYV22040A0(XXXXX) | \$744.45 | \$1,400.55 | \$744.45 |
| | GFPP | GFPP | BYV44040A0(XXXXX) | \$813.65 | \$1,508.05 | \$813.65 |
| | GFPP | PVDF | BYV45040A0(XXXXX) | \$1,336.90 | \$1,651.70 | \$1,336.90 |
| 6" | PVC | PVC | BYV11060A0(XXXXX) | \$934.20 | \$1,950.55 | \$934.20 |
| | PVC | GFPP | BYV14060A0(XXXXX) | \$934.20 | \$1,950.55 | \$934.20 |
| | CPVC | CPVC | BYV22060A0(XXXXX) | \$1,100.65 | \$2,421.95 | \$1,100.65 |
| | GFPP | GFPP | BYV44060A0(XXXXX) | \$1,210.25 | \$2,528.35 | \$1,210.25 |
| | GFPP | PVDF | BYV45060A0(XXXXX) | \$2,294.75 | \$3,326.70 | \$2,294.75 |
| 8" | PVC | PVC | BYV11080A0(XXXXX) | \$1,634.65 | \$3,161.75 | \$1,634.65 |
| | PVC | GFPP | BYV14080A0(XXXXX) | \$1,634.65 | \$3,161.75 | \$1,634.65 |
| | CPVC | CPVC | BYV22080A0(XXXXX) | \$1,924.05 | \$3,532.90 | \$1,924.05 |
| | GFPP | GFPP | BYV44080A0(XXXXX) | \$2,049.00 | \$3,819.30 | \$2,049.00 |
| | GFPP | PVDF | BYV45080A0(XXXXX) | \$3,568.45 | \$4,412.55 | \$3,568.45 |

DIN/EN (DN) PART NUMBER MATRIX – BYV

All BYV Series configurations and materials are available with bolt patterns corresponding to DIN/EN Standards. The body of the valve has a bolt circle and bolt holes that comply with DIN EN 1092-1, PN10. Face to face dimensions comply with ISO 5752, table 5, short. Change the part number to order the DIN/EN size by replacing the ASME/ANSI B16.5 size with the corresponding DN size listed. Pricing for ANSI and DIN are the same. Lugged valves not available in DIN EN.

| ASME/ANSI | PART NO. | DN | d | PART NO. |
|-----------|-----------------|-------------|-----|-----------------|
| 2" | BYVXX020AXXXXXX | 50 | 63 | BYVXX050MXXXXXX |
| 2-1/2" | BYVXX025AXXXXXX | 65 (4 bolt) | 75 | BYVXX065MXXXXXX |
| 3" | BYVXX030AXXXXXX | 80 | 90 | BYVXX080MXXXXXX |
| 4" | BYVXX040AXXXXXX | 100 | 110 | BYVXX100MXXXXXX |
| 6" | BYVXX060AXXXXXX | 150 | 160 | BYVXX150MXXXXXX |
| 8" | BYVXX080AXXXXXX | 200 | 225 | BYVXX200MXXXXXX |
| 10" | BYVXX100AXXXXXX | 250 | 280 | BYVXX250MXXXXXX |
| 12" | BYVXX120AXXXXXX | 300 | 315 | BYVXX300MXXXXXX |



BYV SERIES BUTTERFLY VALVES

LUGGED, LEVER OPERATED

Lugged BYV series valves feature full face overmolded 316 stainless steel lugs.



Valve certified to
NSF/ANSI 61 & 372
PVC/EPDM 2" - 12"
CPVC/EPDM 4" - 12"

| SIZE | BODY | DISC | PART NO. | LIST PRICE | | |
|--------|------|------|-------------------|------------------------------------|--|---------------------------------------|
| | | | | EPDM LINER AND SEALS (ELI00) | VITON® LINER AND FPM SEALS (VLI00) | NITRILE LINER AND SEALS (NLI00) |
| 2" | PVC | PVC | BYV11020A0(XXXXX) | \$848.30 | \$1,118.95 | \$848.30 |
| | PVC | GFPP | BYV14020A0(XXXXX) | \$839.90 | \$1,118.95 | \$839.90 |
| | CPVC | CPVC | BYV22020A0(XXXXX) | \$929.80 | \$1,268.55 | \$929.80 |
| | GFPP | GFPP | BYV44020A0(XXXXX) | \$1,041.15 | \$1,365.90 | \$1,041.15 |
| | GFPP | PVDF | BYV45020A0(XXXXX) | \$1,261.80 | \$1,523.20 | \$1,261.80 |
| 2-1/2" | PVC | PVC | BYV11025A0(XXXXX) | \$911.30 | \$1,394.55 | \$911.30 |
| | PVC | GFPP | BYV14025A0(XXXXX) | \$911.95 | \$1,391.70 | \$911.95 |
| | CPVC | CPVC | BYV22025A0(XXXXX) | \$1,002.05 | \$1,360.00 | \$1,002.05 |
| | GFPP | GFPP | BYV44025A0(XXXXX) | \$1,094.65 | \$1,485.05 | \$1,094.65 |
| | GFPP | PVDF | BYV45025A0(XXXXX) | \$1,486.60 | \$1,919.65 | \$1,486.60 |
| 3" | PVC | PVC | BYV11030A0(XXXXX) | \$927.50 | \$1,396.35 | \$927.50 |
| | PVC | GFPP | BYV14030A0(XXXXX) | \$928.45 | \$1,389.55 | \$928.45 |
| | CPVC | CPVC | BYV22030A0(XXXXX) | \$1,017.30 | \$1,562.25 | \$1,017.30 |
| | GFPP | GFPP | BYV44030A0(XXXXX) | \$1,147.25 | \$1,675.70 | \$1,147.25 |
| | GFPP | PVDF | BYV45030A0(XXXXX) | \$1,642.35 | \$1,885.75 | \$1,642.35 |
| 4" | PVC | PVC | BYV11040A0(XXXXX) | \$1,097.40 | \$1,711.15 | \$1,097.40 |
| | PVC | GFPP | BYV14040A0(XXXXX) | \$1,096.40 | \$1,700.10 | \$1,096.40 |
| | CPVC | CPVC | BYV22040A0(XXXXX) | \$1,219.30 | \$1,900.60 | \$1,219.30 |
| | GFPP | GFPP | BYV44040A0(XXXXX) | \$1,372.95 | \$2,049.35 | \$1,372.95 |
| | GFPP | PVDF | BYV45040A0(XXXXX) | \$1,869.55 | \$2,167.20 | \$1,869.55 |
| 6" | PVC | PVC | BYV11060A0(XXXXX) | \$1,494.15 | \$2,730.70 | \$1,494.15 |
| | PVC | GFPP | BYV14060A0(XXXXX) | \$1,530.45 | \$2,730.70 | \$1,530.45 |
| | CPVC | CPVC | BYV22060A0(XXXXX) | \$1,685.65 | \$3,008.90 | \$1,685.65 |
| | GFPP | GFPP | BYV44060A0XXXXX | \$1,875.65 | \$3,262.25 | \$1,875.65 |
| | GFPP | PVDF | BYV45060A0(XXXXX) | \$2,928.50 | \$4,025.65 | \$2,928.50 |
| 8" | PVC | PVC | BYV11080A0(XXXXX) | \$2,482.30 | \$4,020.15 | \$2,482.30 |
| | PVC | GFPP | BYV14080A0(XXXXX) | \$2,508.75 | \$4,020.15 | \$2,508.75 |
| | CPVC | CPVC | BYV22080A0(XXXXX) | \$2,781.05 | \$4,398.20 | \$2,781.05 |
| | GFPP | GFPP | BYV44080A0(XXXXX) | \$2,903.00 | \$4,637.70 | \$2,903.00 |
| | GFPP | PVDF | BYV45080A0(XXXXX) | \$4,381.75 | \$5,191.95 | \$4,381.75 |





BYV SERIES BUTTERFLY VALVES

GEAR OPERATED

The BYV Series are available with cast aluminum gear operator for all sizes with IP65 rated housing and steel internal components designed to enhance its quality, reliability and environmental specifications.



Valve certified to
NSF/ANSI 61 & 372
PVC/EPDM 2" - 12"
CPVC/EPDM 4" - 12"

| SIZE | BODY | DISC | PART NO. | LIST PRICE | | |
|--------|------|------|-------------------|------------------------------------|--|---------------------------------------|
| | | | | EPDM LINER AND SEALS (EG000) | VITON® LINER AND FPM SEALS (VG000) | NITRILE LINER AND SEALS (NG000) |
| 2" | PVC | PVC | BYV11020A0(XXXXX) | \$1,260.05 | \$1,317.30 | \$1,260.05 |
| | PVC | GFPP | BYV14020A0(XXXXX) | \$1,260.05 | \$1,317.30 | \$1,260.05 |
| | CPVC | CPVC | BYV22020A0(XXXXX) | \$1,348.00 | \$1,385.85 | \$1,348.00 |
| | GFPP | GFPP | BYV44020A0(XXXXX) | \$1,402.75 | \$1,568.05 | \$1,402.75 |
| | GFPP | PVDF | BYV45020A0(XXXXX) | \$1,606.20 | \$1,715.70 | \$1,606.20 |
| 2-1/2" | PVC | PVC | BYV11025A0(XXXXX) | \$1,321.95 | \$1,532.35 | \$1,321.95 |
| | PVC | GFPP | BYV14025A0(XXXXX) | \$1,321.95 | \$1,532.35 | \$1,321.95 |
| | CPVC | CPVC | BYV22025A0(XXXXX) | \$1,421.90 | \$1,486.20 | \$1,421.90 |
| | GFPP | GFPP | BYV44025A0(XXXXX) | \$1,456.90 | \$1,772.10 | \$1,456.90 |
| | GFPP | PVDF | BYV45025A0(XXXXX) | \$1,831.60 | \$2,193.00 | \$1,831.60 |
| 3" | PVC | PVC | BYV11030A0(XXXXX) | \$1,303.15 | \$1,572.25 | \$1,303.15 |
| | PVC | GFPP | BYV14030A0(XXXXX) | \$1,303.15 | \$1,572.25 | \$1,303.15 |
| | CPVC | CPVC | BYV22030A0(XXXXX) | \$1,399.70 | \$1,727.00 | \$1,399.70 |
| | GFPP | GFPP | BYV44030A0(XXXXX) | \$1,469.20 | \$2,013.50 | \$1,469.20 |
| | GFPP | PVDF | BYV45030A0(XXXXX) | \$1,949.00 | \$2,207.45 | \$1,949.00 |
| 4" | PVC | PVC | BYV11040A0(XXXXX) | \$1,391.00 | \$1,805.75 | \$1,391.00 |
| | PVC | GFPP | BYV14040A0(XXXXX) | \$1,391.00 | \$1,805.75 | \$1,391.00 |
| | CPVC | CPVC | BYV22040A0(XXXXX) | \$1,503.00 | \$2,016.20 | \$1,503.00 |
| | GFPP | GFPP | BYV44040A0(XXXXX) | \$1,590.10 | \$2,311.10 | \$1,590.10 |
| | GFPP | PVDF | BYV45040A0(XXXXX) | \$2,076.40 | \$2,416.50 | \$2,076.40 |
| 6" | PVC | PVC | BYV11060A0(XXXXX) | \$1,511.60 | \$2,511.15 | \$1,511.60 |
| | PVC | GFPP | BYV14060A0(XXXXX) | \$1,511.60 | \$2,511.15 | \$1,511.60 |
| | CPVC | CPVC | BYV22060A0(XXXXX) | \$1,677.85 | \$2,982.60 | \$1,677.85 |
| | GFPP | GFPP | BYV44060A0(XXXXX) | \$1,854.30 | \$3,114.55 | \$1,854.30 |
| | GFPP | PVDF | BYV45060A0(XXXXX) | \$2,908.15 | \$3,885.00 | \$2,908.15 |
| 8" | PVC | PVC | BYV11080A0(XXXXX) | \$2,311.35 | \$4,024.55 | \$2,311.35 |
| | PVC | GFPP | BYV14080A0(XXXXX) | \$1,983.15 | \$3,903.80 | \$1,983.15 |
| | CPVC | CPVC | BYV22080A0(XXXXX) | \$2,389.40 | \$4,362.85 | \$2,389.40 |
| | GFPP | GFPP | BYV44080A0(XXXXX) | \$2,521.00 | \$4,725.65 | \$2,521.00 |
| | GFPP | PVDF | BYV45080A0(XXXXX) | \$3,933.45 | \$4,992.35 | \$3,933.45 |
| 10" | PVC | PVC | BYV11100A0(XXXXX) | \$3,215.00 | \$5,824.20 | \$3,215.00 |
| | PVC | GFPP | BYV14100A0(XXXXX) | \$2,842.55 | \$5,824.20 | \$2,842.55 |
| | CPVC | CPVC | BYV22100A0(XXXXX) | \$3,767.40 | \$7,145.70 | \$3,767.40 |
| | GFPP | GFPP | BYV44100A0(XXXXX) | \$4,100.90 | \$7,426.80 | \$4,100.90 |
| | GFPP | PVDF | BYV45100A0(XXXXX) | \$5,373.95 | \$7,838.60 | \$5,373.95 |
| 12" | PVC | PVC | BYV11120A0(XXXXX) | \$5,003.85 | \$9,070.70 | \$5,003.85 |
| | PVC | GFPP | BYV14120A0(XXXXX) | \$4,632.85 | \$9,070.70 | \$4,632.85 |
| | CPVC | CPVC | BYV22120A0(XXXXX) | \$5,490.15 | \$11,128.70 | \$5,490.15 |
| | GFPP | GFPP | BYV44120A0(XXXXX) | \$5,907.00 | \$11,440.25 | \$5,907.00 |
| | GFPP | PVDF | BYV45120A0(XXXXX) | \$7,730.25 | \$11,912.20 | \$7,730.25 |



BYV SERIES BUTTERFLY VALVES

LUGGED, GEAR OPERATED

Lugged BYV series valves feature full face overmolded 316 stainless steel lugs.



Valve certified to
NSF/ANSI 61 & 372
PVC/EPDM 2" - 12"
CPVC/EPDM 4" - 12"

| SIZE | BODY | DISC | PART NO. | LIST PRICE | | |
|--------|------|------|-------------------|------------------------------------|--|---------------------------------------|
| | | | | EPDM LINER AND SEALS (EGI00) | VITON® LINER AND FPM SEALS (VGI00) | NITRILE LINER AND SEALS (NGI00) |
| 2" | PVC | PVC | BYV11020A0(XXXXX) | \$1,612.85 | \$1,684.45 | \$1,612.85 |
| | PVC | GFPP | BYV14020A0(XXXXX) | \$1,601.90 | \$1,684.45 | \$1,601.90 |
| | CPVC | CPVC | BYV22020A0(XXXXX) | \$1,711.85 | \$1,824.25 | \$1,711.85 |
| | GFPP | GFPP | BYV44020A0(XXXXX) | \$1,753.70 | \$1,969.80 | \$1,753.70 |
| | GFPP | PVDF | BYV45020A0(XXXXX) | \$1,940.45 | \$2,098.30 | \$1,940.45 |
| 2-1/2" | PVC | PVC | BYV11025A0(XXXXX) | \$1,681.95 | \$2,000.55 | \$1,681.95 |
| | PVC | GFPP | BYV14025A0(XXXXX) | \$1,671.95 | \$1,975.90 | \$1,671.95 |
| | CPVC | CPVC | BYV22025A0(XXXXX) | \$1,755.80 | \$1,910.80 | \$1,755.80 |
| | GFPP | GFPP | BYV44025A0(XXXXX) | \$1,815.85 | \$2,231.70 | \$1,815.85 |
| | GFPP | PVDF | BYV45025A0(XXXXX) | \$2,173.50 | \$2,630.75 | \$2,173.50 |
| 3" | PVC | PVC | BYV11030A0(XXXXX) | \$1,691.95 | \$2,058.95 | \$1,691.95 |
| | PVC | GFPP | BYV14030A0(XXXXX) | \$1,681.40 | \$2,083.55 | \$1,681.40 |
| | CPVC | CPVC | BYV22030A0(XXXXX) | \$1,763.80 | \$2,201.65 | \$1,763.80 |
| | GFPP | GFPP | BYV44030A0(XXXXX) | \$1,860.80 | \$2,498.35 | \$1,860.80 |
| | GFPP | PVDF | BYV45030A0(XXXXX) | \$2,321.95 | \$2,669.25 | \$2,321.95 |
| 4" | PVC | PVC | BYV11040A0(XXXXX) | \$1,843.40 | \$2,404.15 | \$1,843.40 |
| | PVC | GFPP | BYV14040A0(XXXXX) | \$1,904.00 | \$2,431.10 | \$1,904.00 |
| | CPVC | CPVC | BYV22040A0(XXXXX) | \$2,002.70 | \$2,614.30 | \$2,002.70 |
| | GFPP | GFPP | BYV44040A0(XXXXX) | \$2,107.05 | \$2,865.35 | \$2,107.05 |
| | GFPP | PVDF | BYV45040A0(XXXXX) | \$2,568.70 | \$2,944.35 | \$2,568.70 |
| 6" | PVC | PVC | BYV11060A0(XXXXX) | \$2,430.05 | \$3,301.60 | \$2,430.05 |
| | PVC | GFPP | BYV14060A0(XXXXX) | \$2,104.55 | \$3,301.60 | \$2,104.55 |
| | CPVC | CPVC | BYV22060A0(XXXXX) | \$2,289.85 | \$3,742.90 | \$2,289.85 |
| | GFPP | GFPP | BYV44060A0(XXXXX) | \$2,445.30 | \$3,683.60 | \$2,445.30 |
| | GFPP | PVDF | BYV45060A0(XXXXX) | \$3,471.00 | \$4,426.95 | \$3,471.00 |
| 8" | PVC | PVC | BYV11080A0(XXXXX) | \$3,054.40 | \$4,738.60 | \$3,054.40 |
| | PVC | GFPP | BYV14080A0(XXXXX) | \$2,893.05 | \$4,829.40 | \$2,893.05 |
| | CPVC | CPVC | BYV22080A0(XXXXX) | \$3,295.80 | \$5,290.95 | \$3,295.80 |
| | GFPP | GFPP | BYV44080A0(XXXXX) | \$3,548.65 | \$5,617.90 | \$3,548.65 |
| | GFPP | PVDF | BYV45080A0(XXXXX) | \$4,912.15 | \$5,842.15 | \$4,912.15 |
| 10" | PVC | PVC | BYV11100A0(XXXXX) | \$5,326.85 | \$7,852.50 | \$5,326.85 |
| | PVC | GFPP | BYV14100A0(XXXXX) | \$4,974.15 | \$7,994.00 | \$4,974.15 |
| | CPVC | CPVC | BYV22100A0(XXXXX) | \$6,146.70 | \$9,512.85 | \$6,146.70 |
| | GFPP | GFPP | BYV44100A0(XXXXX) | \$6,889.40 | \$9,753.55 | \$6,889.40 |
| | GFPP | PVDF | BYV45100A0(XXXXX) | \$7,150.10 | \$10,054.55 | \$7,250.10 |
| 12" | PVC | PVC | BYV11120A0(XXXXX) | \$7,710.80 | \$11,172.20 | \$7,710.80 |
| | PVC | GFPP | BYV14120A0(XXXXX) | \$6,905.60 | \$11,318.90 | \$6,905.60 |
| | CPVC | CPVC | BYV22120A0(XXXXX) | \$8,060.10 | \$13,680.45 | \$8,060.10 |
| | GFPP | GFPP | BYV44120A0(XXXXX) | \$8,536.70 | \$14,040.80 | \$8,536.70 |
| | GFPP | PVDF | BYV45120A0(XXXXX) | \$10,234.75 | \$15,488.90 | \$10,234.75 |





BYV SERIES BUTTERFLY VALVES

****ACTUATION READY****



Valve certified to
NSF/ANSI 61 & 372
PVC/EPDM 2" - 12"
CPVC/EPDM 4" - 12"

The BYV Series features an IS05211 Mounting Pad and Drive Stem making actuation easier and more economical. Hayward's vast range of pneumatic and electric actuators are the perfect compliment to the BYV Series. Hayward's in house actuation center provides you with a full range of options and accessories as well.

Actuator not included

| SIZE | BODY | DISC | PART NO. | LIST PRICE | | |
|--------|------|------|-------------------|------------------------------------|--|---------------------------------------|
| | | | | EPDM LINER AND SEALS (EK000) | VITON® LINER AND FPM SEALS (VK000) | NITRILE LINER AND SEALS (NK000) |
| 2" | PVC | PVC | BYV11020A0(XXXXX) | \$451.50 | \$616.45 | \$451.50 |
| | PVC | GFPP | BYV14020A0(XXXXX) | \$451.50 | \$616.45 | \$451.50 |
| | CPVC | CPVC | BYV22020A0(XXXXX) | \$542.20 | \$794.80 | \$542.20 |
| | GFPP | GFPP | BYV44020A0(XXXXX) | \$608.20 | \$992.15 | \$608.20 |
| | GFPP | PVDF | BYV45020A0(XXXXX) | \$849.50 | \$1,054.30 | \$849.50 |
| 2-1/2" | PVC | PVC | BYV11025A0(XXXXX) | \$507.30 | \$890.85 | \$507.30 |
| | PVC | GFPP | BYV14025A0(XXXXX) | \$507.30 | \$890.85 | \$507.30 |
| | CPVC | CPVC | BYV22025A0(XXXXX) | \$610.50 | \$887.35 | \$610.50 |
| | GFPP | GFPP | BYV44025A0(XXXXX) | \$639.50 | \$1,117.85 | \$639.50 |
| | GFPP | PVDF | BYV45025A0(XXXXX) | \$1,053.15 | \$1,444.40 | \$1,053.15 |
| 3" | PVC | PVC | BYV11030A0(XXXXX) | \$490.20 | \$845.85 | \$490.20 |
| | PVC | GFPP | BYV14030A0(XXXXX) | \$490.20 | \$845.85 | \$490.20 |
| | CPVC | CPVC | BYV22030A0(XXXXX) | \$589.85 | \$1,034.80 | \$589.85 |
| | GFPP | GFPP | BYV44030A0(XXXXX) | \$649.55 | \$1,280.85 | \$649.55 |
| | GFPP | PVDF | BYV45030A0(XXXXX) | \$1,168.35 | \$1,426.20 | \$1,168.35 |
| 4" | PVC | PVC | BYV11040A0(XXXXX) | \$569.30 | \$1,060.45 | \$569.30 |
| | PVC | GFPP | BYV14040A0(XXXXX) | \$569.30 | \$1,060.45 | \$569.30 |
| | CPVC | CPVC | BYV22040A0(XXXXX) | \$684.90 | \$1,288.55 | \$684.90 |
| | GFPP | GFPP | BYV44040A0(XXXXX) | \$748.50 | \$1,536.90 | \$748.50 |
| | GFPP | PVDF | BYV45040A0(XXXXX) | \$1,274.85 | \$1,887.10 | \$1,274.85 |
| 6" | PVC | PVC | BYV11060A0(XXXXX) | \$840.80 | \$1,872.50 | \$840.80 |
| | PVC | GFPP | BYV14060A0(XXXXX) | \$840.80 | \$1,872.50 | \$840.80 |
| | CPVC | CPVC | BYV22060A0(XXXXX) | \$1,012.60 | \$2,228.25 | \$1,012.60 |
| | GFPP | GFPP | BYV44060A0(XXXXX) | \$1,113.35 | \$2,438.65 | \$1,113.35 |
| | GFPP | PVDF | BYV45060A0(XXXXX) | \$2,202.50 | \$3,241.25 | \$2,202.50 |
| 8" | PVC | PVC | BYV11080A0(XXXXX) | \$1,471.15 | \$3,129.15 | \$1,471.15 |
| | PVC | GFPP | BYV14080A0(XXXXX) | \$1,471.15 | \$3,129.15 | \$1,471.15 |
| | CPVC | CPVC | BYV22080A0(XXXXX) | \$1,770.20 | \$3,350.75 | \$1,770.20 |
| | GFPP | GFPP | BYV44080A0(XXXXX) | \$1,958.55 | \$3,563.90 | \$1,958.55 |
| | GFPP | PVDF | BYV45080A0(XXXXX) | \$3,482.30 | \$4,169.30 | \$3,482.30 |
| 10" | PVC | PVC | BYV11100A0(XXXXX) | \$2,732.85 | \$5,416.55 | \$2,732.85 |
| | PVC | GFPP | BYV14100A0(XXXXX) | \$2,416.05 | \$5,416.55 | \$2,416.05 |
| | CPVC | CPVC | BYV22100A0(XXXXX) | \$3,277.50 | \$6,307.70 | \$3,277.50 |
| | GFPP | GFPP | BYV44100A0(XXXXX) | \$3,567.80 | \$6,461.45 | \$3,567.80 |
| | GFPP | PVDF | BYV45100A0(XXXXX) | \$4,866.25 | \$6,919.20 | \$4,866.25 |
| 12" | PVC | PVC | BYV11120A0(XXXXX) | \$4,253.40 | \$8,435.65 | \$4,253.40 |
| | PVC | GFPP | BYV14120A0(XXXXX) | \$3,937.95 | \$8,435.65 | \$3,937.95 |
| | CPVC | CPVC | BYV22120A0(XXXXX) | \$4,776.45 | \$9,681.85 | \$4,776.45 |
| | GFPP | GFPP | BYV44120A0(XXXXX) | \$5,139.05 | \$10,064.90 | \$5,139.05 |
| | GFPP | PVDF | BYV45120A0(XXXXX) | \$6,998.90 | \$10,802.30 | \$6,998.90 |

All valves are Bare Stem only and do not include Hardware and Assembly.
Consult pricing on [page 36](#) for Hardware and Assembly.



BYV SERIES BUTTERFLY VALVES

LUGGED, ACTUATION READY

Lugged BYV Series valves feature full face overmolded 316 stainless steel lugs.

Actuator not included



Valve certified to
NSF/ANSI 61 & 372
PVC/EPDM 2" - 12"
CPVC/EPDM 4" - 12"

| SIZE | BODY | DISC | PART NO. | LIST PRICE | | |
|--------|------|------|-------------------|------------------------------------|--|---------------------------------------|
| | | | | EPDM LINER AND SEALS (EK100) | VITON® LINER AND FPM SEALS (VK100) | NITRILE LINER AND SEALS (NK100) |
| 2" | PVC | PVC | BYV11020A0(XXXXX) | \$816.65 | \$986.85 | \$816.65 |
| | PVC | GFPP | BYV14020A0(XXXXX) | \$794.70 | \$986.85 | \$794.70 |
| | CPVC | CPVC | BYV22020A0(XXXXX) | \$900.00 | \$1,155.00 | \$900.00 |
| | GFPP | GFPP | BYV44020A0(XXXXX) | \$951.75 | \$1,368.80 | \$951.75 |
| | GFPP | PVDF | BYV45020A0(XXXXX) | \$1,176.70 | \$1,397.40 | \$1,176.70 |
| 2-1/2" | PVC | PVC | BYV11025A0(XXXXX) | \$848.40 | \$1,237.15 | \$848.40 |
| | PVC | GFPP | BYV14025A0(XXXXX) | \$848.55 | \$1,215.55 | \$848.55 |
| | CPVC | CPVC | BYV22025A0(XXXXX) | \$952.15 | \$1,216.30 | \$952.15 |
| | GFPP | GFPP | BYV44025A0(XXXXX) | \$1,000.90 | \$1,465.10 | \$1,000.90 |
| | GFPP | PVDF | BYV45025A0(XXXXX) | \$1,397.45 | \$1,900.65 | \$1,397.45 |
| 3" | PVC | PVC | BYV11030A0(XXXXX) | \$861.30 | \$1,254.15 | \$861.30 |
| | PVC | GFPP | BYV14030A0(XXXXX) | \$840.90 | \$1,230.95 | \$840.90 |
| | CPVC | CPVC | BYV22030A0(XXXXX) | \$934.80 | \$1,407.80 | \$934.80 |
| | GFPP | GFPP | BYV44030A0(XXXXX) | \$1,016.60 | \$1,656.65 | \$1,016.60 |
| | GFPP | PVDF | BYV45030A0(XXXXX) | \$1,517.95 | \$1,867.60 | \$1,517.95 |
| 4" | PVC | PVC | BYV11040A0(XXXXX) | \$1,027.85 | \$1,583.60 | \$1,027.85 |
| | PVC | GFPP | BYV14040A0(XXXXX) | \$1,065.85 | \$1,546.60 | \$1,065.85 |
| | CPVC | CPVC | BYV22040A0(XXXXX) | \$1,143.40 | \$1,766.20 | \$1,143.40 |
| | GFPP | GFPP | BYV44040A0(XXXXX) | \$1,230.65 | \$2,282.25 | \$1,230.65 |
| | GFPP | PVDF | BYV45040A0(XXXXX) | \$1,734.05 | \$2,545.75 | \$1,734.05 |
| 6" | PVC | PVC | BYV11060A0(XXXXX) | \$1,402.90 | \$2,467.85 | \$1,402.90 |
| | PVC | GFPP | BYV14060A0(XXXXX) | \$1,437.85 | \$2,467.85 | \$1,437.85 |
| | CPVC | CPVC | BYV22060A0(XXXXX) | \$1,602.95 | \$2,830.70 | \$1,602.95 |
| | GFPP | GFPP | BYV44060A0(XXXXX) | \$1,855.75 | \$3,325.20 | \$1,855.75 |
| | GFPP | PVDF | BYV45060A0(XXXXX) | \$2,794.45 | \$3,775.35 | \$2,794.45 |
| 8" | PVC | PVC | BYV11080A0(XXXXX) | \$2,341.55 | \$3,916.95 | \$2,341.55 |
| | PVC | GFPP | BYV14080A0(XXXXX) | \$2,330.65 | \$4,068.45 | \$2,330.65 |
| | CPVC | CPVC | BYV22080A0(XXXXX) | \$2,618.40 | \$4,138.25 | \$2,618.40 |
| | GFPP | GFPP | BYV44080A0(XXXXX) | \$3,176.10 | \$4,703.75 | \$3,176.10 |
| | GFPP | PVDF | BYV45080A0(XXXXX) | \$4,247.70 | \$5,093.70 | \$4,247.70 |
| 10" | PVC | PVC | BYV11100A0(XXXXX) | \$5,031.50 | \$7,723.65 | \$5,031.50 |
| | PVC | GFPP | BYV14100A0(XXXXX) | \$4,542.20 | \$7,548.85 | \$4,542.20 |
| | CPVC | CPVC | BYV22100A0(XXXXX) | \$5,937.25 | \$8,411.90 | \$5,937.25 |
| | GFPP | GFPP | BYV44100A0(XXXXX) | \$6,646.10 | \$9,184.70 | \$6,646.10 |
| | GFPP | PVDF | BYV45100A0(XXXXX) | \$6,973.10 | \$9,335.55 | \$7,143.10 |
| 12" | PVC | PVC | BYV11120A0(XXXXX) | \$7,065.25 | \$10,894.20 | \$7,065.25 |
| | PVC | GFPP | BYV14120A0(XXXXX) | \$6,517.50 | \$10,655.85 | \$6,517.50 |
| | CPVC | CPVC | BYV22120A0(XXXXX) | \$7,677.25 | \$12,350.65 | \$7,677.25 |
| | GFPP | GFPP | BYV44120A0(XXXXX) | \$8,693.35 | \$13,035.50 | \$8,693.35 |
| | GFPP | PVDF | BYV45120A0(XXXXX) | \$9,503.75 | \$13,438.90 | \$9,503.75 |

All valves are Bare Stem only and do not include Hardware and Assembly.

BYV SERIES BUTTERFLY VALVES

ACTUATION HARDWARE AND ASSEMBLY

HARDWARE AND ASSEMBLY

| SIZE | PART NO.* | LIST PRICE |
|---------|-----------|------------|
| 2"-4" | BYVMKT24 | \$172.60 |
| 6"-8" | BYVMKT68 | \$258.75 |
| 10"-12" | BYVMKT12 | \$345.00 |

Hayward's Actuation Pricing Structure for ordering actuated BYV Series makes acutation easy and more economical. In addition to ordering the valve and actuator, please include one of three standard part numbers listed to left for hardware and assembly [by size](#) of the valve.

* The above part numbers are not for ordering extra hardware or mounting kits. Please contact Customer Service for actuator mounting kit part numbers for specific valve to actuator combinations.





ECP SERIES AUTOMATED WITH BYV SERIES BUTTERFLY VALVES

High performance ECP Series 24-265VAC/VDC electric actuator with two auxiliary limit switches, mounted to a BYV Series Butterfly Valve. Valve has PVC body and disk. Price includes assembled valve and actuator.



Valve certified to
NSF/ANSI 61 & 372
PVC/EPDM 2" - 12"
CPVC/EPDM 4" - 12"

| VALVE SIZE | VALVE BODY | VALVE DISC | DESCRIPTION | PART NO. | LIST PRICE | |
|------------|------------|------------|---|----------------|------------|------------|
| | | | | | FPM (V) | EPDM (E) |
| 2" | PVC | PVC | 2" BYV Series with ECP3 GFPP Actuator | ECPBYV11020(X) | \$1,461.65 | \$1,347.35 |
| 2-1/2" | PVC | PVC | 2-1/2" BYV Series with ECP3 GFPP Actuator | ECPBYV11025(X) | \$1,627.50 | \$1,385.20 |
| 3" | PVC | PVC | 3" BYV Series with ECP3 GFPP Actuator | ECPBYV11030(X) | \$1,674.00 | \$1,385.20 |
| 4" | PVC | PVC | 4" BYV Series with ECP5 GFPP Actuator | ECPBYV11040(X) | \$3,056.30 | \$1,755.15 |
| 6" | PVC | PVC | 6" BYV Series with ECP8 GFPP Actuator | ECPBYV11060(X) | \$4,067.35 | \$3,284.30 |



HRS SERIES AUTOMATED WITH BYV SERIES BUTTERFLY VALVES

High performance HRS Series 120VAC electric on/off actuator mounted to a BYV Series Butterfly Valve. Valve has PVC body with PVC disc and EPDM seals. Price includes assembled valve and actuator.



Valve certified to
NSF/ANSI 61 & 372
PVC/EPDM 2" - 12"
CPVC/EPDM 4" - 12"

| VALVE SIZE | VALVE BODY | VALVE DISC | DESCRIPTION | PART NO. | LIST PRICE | |
|------------|------------|------------|---|---------------|------------|------------|
| | | | | | FPM (V) | EPDM (E) |
| 2" | PVC | PVC | 2" BYV Series with HRSN2 On/Off Electric Actuator | HRBYV11020(X) | \$1,611.60 | \$1,483.50 |
| 2-1/2" | PVC | PVC | 2-1/2" BYV Series with HRSN2 On/Off Electric Actuator | HRBYV11025(X) | \$1,825.05 | \$1,520.70 |
| 3" | PVC | PVC | 3" BYV Series with HRSN2 On/Off Electric Actuator | HRBYV11030(X) | \$1,790.10 | \$1,520.70 |
| 4" | PVC | PVC | 4" BYV Series with HRSN2 On/Off Electric Actuator | HRBYV11040(X) | \$2,340.70 | \$1,961.15 |
| 6" | PVC | PVC | 6" BYV Series with HRSN3 On/Off Electric Actuator | HRBYV11060(X) | \$4,039.45 | \$3,225.70 |
| 8" | PVC | PVC | 8" BYV Series with HRSN3 On/Off Electric Actuator | HRBYV11080(X) | \$5,485.60 | \$4,177.90 |



PS SERIES AUTOMATED WITH BYV SERIES BUTTERFLY VALVES

Scotch yoke pneumatically actuated pSD or PSS Series actuator mounted to a BYV Series Butterfly Valve. Valve has PVC body with PVC disc and EPDM seals. Price includes assembled valve and actuator **without solenoid**.



Valve certified to
NSF/ANSI 61 & 372
PVC/EPDM 2" - 12"
CPVC/EPDM 4" - 12"

| VALVE SIZE | VALVE BODY | VALVE DISC | DESCRIPTION | PART NO. | LIST PRICE | |
|------------|------------|------------|--|----------------|------------|------------|
| | | | | | FPM (V) | EPDM (E) |
| 2" | PVC | PVC | 2" BYV Series with PSD030 Actuator | PSDBYV11020(X) | \$1,143.25 | \$1,025.15 |
| 2-1/2" | PVC | PVC | 2-1/2" BYV Series with PSD030 Actuator | PSDBYV11025(X) | \$1,342.70 | \$1,064.60 |
| 3" | PVC | PVC | 3" BYV Series with PSD045 Actuator | PSDBYV11030(X) | \$1,342.70 | \$1,064.60 |

All actuator sizing based on 80 PSI air.

| VALVE SIZE | VALVE BODY | VALVE DISC | DESCRIPTION | PART NO. | LIST PRICE | |
|------------|------------|------------|---------------------------------------|----------------|------------|------------|
| | | | | | FPM (V) | EPDM (E) |
| 2" | PVC | PVC | 2" BYV Series with PSS030 SR Actuator | PSSBYV11020(X) | \$1,263.20 | \$1,142.60 |
| 2-1/2" | PVC | PVC | 2-1/2" BYV with PSS030 SR Actuator | PSSBYV11025(X) | \$1,460.30 | \$1,183.15 |
| 3" | PVC | PVC | 3" BYV with PSS045 SR Actuator | PSSBYV11030(X) | \$1,460.30 | \$1,183.15 |

All actuator sizing based on 80 PSI air.
Valves spring closed unless specified otherwise.



PCD/PCS SERIES AUTOMATED WITH BYV SERIES BUTTERFLY VALVES

Industrial grade, rack-and-pinion pneumatically actuated pCD or PCS Series actuator mounted to a BYV Series Butterfly Valve. Valve has PVC body with PVC disc and EPDM seals. Price includes assembled valve and actuator **without solenoid**.



Valve certified to
NSF/ANSI 61 & 372
PVC/EPDM 2" - 12"
CPVC/EPDM 4" - 12"

DOUBLE ACTING

| VALVE SIZE | VALVE BODY | VALVE DISC | DESCRIPTION | PART NO. | LIST PRICE | |
|------------|------------|------------|--|----------------|------------|------------|
| | | | | | FPM (V) | EPDM (E) |
| 2" | PVC | PVC | 2" BYV Series with PCD20 DA Pneumatic Actuator | PCDBYV11020(X) | \$1,222.00 | \$1,115.55 |
| 2-1/2" | PVC | PVC | 2-1/2" BYV Series with PCD20 DA Pneumatic Actuator | PCDBYV11025(X) | \$1,402.05 | \$1,151.00 |
| 3" | PVC | PVC | 3" BYV Series with PCD20 DA Pneumatic Actuator | PCDBYV11030(X) | \$1,402.05 | \$1,151.00 |
| 4" | PVC | PVC | 4" BYV Series with PCD25 DA Pneumatic Actuator | PCDBYV11040(X) | \$1,756.20 | \$1,431.75 |
| 6" | PVC | PVC | 6" BYV Series with PCD25 DA Pneumatic Actuator | PCDBYV11060(X) | \$2,369.05 | \$1,678.60 |
| 8" | PVC | PVC | 8" BYV Series with PCD35 DA Pneumatic Actuator | PCDBYV11080(X) | \$3,686.75 | \$2,576.65 |

All actuator sizing based on 80 PSI air.

SPRING RETURN

| VALVE SIZE | VALVE BODY | VALVE DISC | DESCRIPTION | PART NO. | LIST PRICE | |
|------------|------------|------------|--|----------------|------------|------------|
| | | | | | FPM (V) | EPDM (E) |
| 2" | PVC | PVC | 2" BYV Series with PCS25 SR Pneumatic Actuator | PCSBYV11020(X) | \$1,607.30 | \$1,499.75 |
| 2-1/2" | PVC | PVC | 2-1/2" BYV Series with PCS25 SR Pneumatic Actuator | PCSBYV11025(X) | \$1,788.50 | \$1,536.55 |
| 3" | PVC | PVC | 3" BYV Series with PCS25 SR Pneumatic Actuator | PCSBYV11030(X) | \$1,788.50 | \$1,536.55 |
| 4" | PVC | PVC | 4" BYV Series with PCS30 SR Pneumatic Actuator | PCSBYV11040(X) | \$2,136.10 | \$1,811.60 |
| 6" | PVC | PVC | 6" BYV Series with PCS35 SR Pneumatic Actuator | PCSBYV11060(X) | \$3,166.50 | \$2,474.75 |
| 8" | PVC | PVC | 8" BYV Series with PCS45 SR Pneumatic Actuator | PCSBYV11080(X) | \$5,033.35 | \$3,921.85 |

All actuator sizing based on 80 PSI air.

Valves spring closed unless specified otherwise.



LOCK OUT CAPS – BYV

| SIZE | PART NO. | LIST PRICE | SIZE | PART NO. WITH 316SS TAB | LIST PRICE WITH 316SS TAB |
|---------|------------|------------|---------|-------------------------|---------------------------|
| 2" - 3" | BYVCAPK030 | \$52.10 | 2" - 3" | BYVCAPK030L | \$78.30 |
| 4" | BYVCAPK040 | \$52.10 | 4" | BYVCAPK040L | \$78.30 |
| 6" | BYVCAPK060 | \$60.95 | 6" | BYVCAPK060L | \$86.95 |
| 8" | BYVCAPK080 | \$60.95 | 8" | BYVCAPK080L | \$86.95 |

BUTTERFLY VALVE OPTIONS – BYV

Add to price of butterfly valves above. Exchange **0** for an **8** to get the Titanium Shaft Adder Part Number.
e.g. Part No. BYV11020A**0**VL000 with a Titanium Shaft is BYV11020A**8**VL000.

TITANIUM SHAFT - Adder to List Price

| SIZE | LIST PRICE | SIZE | LIST PRICE |
|------|------------|------|------------|
| 2" | \$934.45 | 8" | \$3,026.50 |
| 3" | \$934.45 | 10" | POA |
| 4" | \$1,101.35 | 12" | POA |
| 6" | \$1,811.10 | | |

CHAIN OPERATOR - Fastens to Existing Handwheel

| SIZE | PART NO. | LIST PRICE | SIZE | PART NO. | LIST PRICE |
|------|----------|------------|------|----------|------------|
| 2" | C021 | \$383.05 | 8" | C023 | \$498.60 |
| 3" | C021 | \$383.05 | 10" | C024 | \$641.10 |
| 4" | C021 | \$383.05 | 12" | C024 | \$641.10 |
| 6" | C023 | \$498.60 | | | |

Chain not included





BYB SERIES BUTTERFLY VALVES

GEAR OPERATED

All BYB Series Industrial Butterfly Valves feature 410 SS stems*.

BYB Series are gear operated only.

303SS lugged valves available upon request.

| SIZE | BODY | DISC | PART NO. | FPM LINER & SEALS | | EPDM LINER & SEALS | | NITRILE LINER & SEALS | |
|------|------|------|----------------|----------------------|------------|-----------------------|------------|--------------------------|------------|
| | | | | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 14" | PVC | PP | BYB1140(XXXXX) | (F3GGA) | POA | (E3GGA) | POA | (N3GGA) | POA |
| | PVC | PVC | BYB1140(XXXXX) | (F1GGA) | POA | (E1GGA) | POA | (N1GGA) | POA |
| | CPVC | CPVC | BYB2140(XXXXX) | (F2GGA) | POA | (E2GGA) | POA | (N2GGA) | POA |
| | PP | PP | BYB3140(XXXXX) | (F3GGA) | POA | (E3GGA) | POA | (N3GGA) | POA |
| | PVDF | PVDF | BYB5140(XXXXX) | (F5GWA) | POA | (E5GWA) | POA | (N5GWA) | POA |
| 16" | PVC | PP | BYB1160(XXXXX) | (F3GGA) | POA | (E3GGA) | POA | (N3GGA) | POA |
| | PVC | PVC | BYB1160(XXXXX) | (F1GGA) | POA | (E1GGA) | POA | (N1GGA) | POA |
| | CPVC | CPVC | BYB2160(XXXXX) | (F2GGA) | POA | (E2GGA) | POA | (N2GGA) | POA |
| | PP | PP | BYB3160(XXXXX) | (F3GGA) | POA | (E3GGA) | POA | (N3GGA) | POA |
| | PVDF | PVDF | BYB5160(XXXXX) | (F5GWA) | POA | (E5GWA) | POA | (N5GWA) | POA |
| 18" | PVC | PP | BYB1180(XXXXX) | (F3GGA) | POA | (E3GGA) | POA | (N3GGA) | POA |
| | PVC | PVC | BYB1180(XXXXX) | (F1GGA) | POA | (E1GGA) | POA | (N1GGA) | POA |
| | CPVC | CPVC | BYB2180(XXXXX) | (F2GGA) | POA | (E2GGA) | POA | (N2GGA) | POA |
| | PP | PP | BYB3180(XXXXX) | (F3GGA) | POA | (E3GGA) | POA | (N3GGA) | POA |
| | PVDF | PVDF | BYB5180(XXXXX) | (F5GWA) | POA | (E5GWA) | POA | (N5GWA) | POA |
| 20" | PVC | PP | BYB1200(XXXXX) | (F3GGA) | POA | (E3GGA) | POA | (N3GGA) | POA |
| | PVC | PVC | BYB1200(XXXXX) | (F1GGA) | POA | (E1GGA) | POA | (N1GGA) | POA |
| | CPVC | CPVC | BYB2200(XXXXX) | (F2GGA) | POA | (E2GGA) | POA | (N2GGA) | POA |
| | PP | PP | BYB3200(XXXXX) | (F3GGA) | POA | (E3GGA) | POA | (N3GGA) | POA |
| | PVDF | PVDF | BYB5200(XXXXX) | (F5GWA) | POA | (E5GWA) | POA | (N5GWA) | POA |
| 24" | PVC | PP | BYB1240(XXXXX) | (F3GGA) | POA | (E3GGA) | POA | (N3GGA) | POA |
| | PVC | PVC | BYB1240(XXXXX) | (F1GGA) | POA | (E1GGA) | POA | (N1GGA) | POA |
| | CPVC | CPVC | BYB2240(XXXXX) | (F2GGA) | POA | (E2GGA) | POA | (N2GGA) | POA |
| | PP | PP | BYB3240(XXXXX) | (F3GGA) | POA | (E3GGA) | POA | (N3GGA) | POA |
| | PVDF | PVDF | BYB5240(XXXXX) | (F5GWA) | POA | (E5GWA) | POA | (N5GWA) | POA |

POA = Priced On Availability, consult factory for pricing and availability.

* 316SS and Alloy C276 (Titanium alternative) available upon request.



BYB SERIES BUTTERFLY VALVES

ACTUATION READY

Hayward's vast range of pneumatic and electric actuators are the perfect compliment to the BYB Series. Hayward's in house actuation center provides you with a full range of options and accessories as well. 303SS lugged valves available upon request.

| SIZE | BODY | DISC | PART NO. | FPM LINER & SEALS | | EPDM LINER & SEALS | | NITRILE LINER & SEALS | |
|------|------|------|----------------|-------------------|------------|--------------------|------------|-----------------------|------------|
| | | | | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 14" | PVC | PP | BYB1140(XXXXX) | (F3KGA) | POA | (E3KGA) | POA | (N3KGA) | POA |
| | CPVC | CPVC | BYB2140(XXXXX) | (F2KGA) | POA | (E2KGA) | POA | (N2KGA) | POA |
| | PP | PP | BYB3140(XXXXX) | (F3KGA) | POA | (E3KGA) | POA | (N3KGA) | POA |
| | PVDF | PVDF | BYB5140(XXXXX) | (F5KGA) | POA | (E5KGA) | POA | (N5KGA) | POA |
| 16" | PVC | PP | BYB1160(XXXXX) | (F3KGA) | POA | (E3KGA) | POA | (N3KGA) | POA |
| | CPVC | CPVC | BYB2160(XXXXX) | (F2KGA) | POA | (E2KGA) | POA | (N2KGA) | POA |
| | PP | PP | BYB3160(XXXXX) | (F3KGA) | POA | (E3KGA) | POA | (N3KGA) | POA |
| | PVDF | PVDF | BYB5160(XXXXX) | (F5KGA) | POA | (E5KGA) | POA | (N5KGA) | POA |
| 18" | PVC | PP | BYB1180(XXXXX) | (F3KGA) | POA | (E3KGA) | POA | (N3KGA) | POA |
| | CPVC | CPVC | BYB2180(XXXXX) | (F2KGA) | POA | (E2KGA) | POA | (N2KGA) | POA |
| | PP | PP | BYB3180(XXXXX) | (F3KGA) | POA | (E3KGA) | POA | (N3KGA) | POA |
| | PVDF | PVDF | BYB5180(XXXXX) | (F5KGA) | POA | (E5KGA) | POA | (N5KGA) | POA |
| 20" | PVC | PP | BYB1200(XXXXX) | (F3KGA) | POA | (E3KGA) | POA | (N3KGA) | POA |
| | CPVC | CPVC | BYB2200(XXXXX) | (F2KGA) | POA | (E2KGA) | POA | (N2KGA) | POA |
| | PP | PP | BYB3200(XXXXX) | (F3KGA) | POA | (E3KGA) | POA | (N3KGA) | POA |
| | PVDF | PVDF | BYB5200(XXXXX) | (F5KGA) | POA | (E5KGA) | POA | (N5KGA) | POA |
| 24" | PVC | PP | BYB1240(XXXXX) | (F3KGA) | POA | (E3KGA) | POA | (N3KGA) | POA |
| | CPVC | CPVC | BYB2240(XXXXX) | (F2KGA) | POA | (E2KGA) | POA | (N2KGA) | POA |
| | PP | PP | BYB3240(XXXXX) | (F3KGA) | POA | (E3KGA) | POA | (N3KGA) | POA |
| | PVDF | PVDF | BYB5240(XXXXX) | (F5KGA) | POA | (E5KGA) | POA | (N5KGA) | POA |

POA = Priced On Availability, consult factory for pricing and availability.

* 316SS and Alloy C276 shaft (Titanium alternative) available upon request.

BYB SERIES ACTUATOR MOUNTING KIT AND HARDWARE

| SIZE | PART NO. | LIST PRICE |
|-----------|----------|------------|
| 14" | BYBMKT14 | POA |
| 16" - 18" | BYBMKT18 | POA |
| 20" - 24" | BYBMKT24 | POA |



BYCS SERIES BUTTERFLY VALVES

Valves feature 410 Stainless Steel Shafts. Available with red lever handle or gear operated. Fits both ANSI150 and PN10 Flanges.

| SIZE | DESCRIPTION | | | LEVER | | GEAR | |
|--------|-------------|------|-------|---------------|------------|---------------|------------|
| | BODY | DISC | LINER | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 2" | PVC | PVC | EPDM | BYCS1020E1LGA | \$210.00 | BYCS1020E1GGA | \$630.00 |
| 2-1/2" | | | | BYCS1025E1LGA | \$218.45 | BYCS1025E1GGA | \$635.00 |
| 3" | | | | BYCS1030E1LGA | \$222.00 | BYCS1030E1GGA | \$660.00 |
| 4" | | | | BYCS1040E1LGA | \$240.00 | BYCS1040E1GGA | \$675.00 |
| 5" | | | | BYCS1050E1LGA | \$375.00 | BYCS1050E1GGA | \$805.00 |
| 6" | | | | BYCS1060E1LGA | \$439.00 | BYCS1060E1GGA | \$805.00 |
| 8" | | | | BYCS1080E1LGA | \$601.00 | BYCS1080E1GGA | \$940.00 |



BYCN SERIES BUTTERFLY VALVES

NSF/ANSI 61 Listed. Valves feature 316 Stainless Steel Shafts. Available with blue lever handle or gear operated. Fits both ANSI150 and PN10 Flanges.



| SIZE | DESCRIPTION | | | LEVER | | GEAR | |
|--------|-------------|------|-------|---------------|------------|---------------|------------|
| | BODY | DISC | LINER | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 2" | PVC | PVC | EPDM | BYCN1020E1LGB | \$231.00 | BYCN1020E1GGB | \$693.00 |
| 2-1/2" | | | | BYCN1025E1LGB | \$240.30 | BYCN1025E1GGB | \$698.50 |
| 3" | | | | BYCN1030E1LGB | \$244.20 | BYCN1030E1GGB | \$726.00 |
| 4" | | | | BYCN1040E1LGB | \$264.00 | BYCN1040E1GGB | \$742.50 |
| 5" | | | | BYCN1050E1LGB | \$412.50 | BYCN1050E1GGB | \$885.50 |
| 6" | | | | BYCN1060E1LGB | \$482.90 | BYCN1060E1GGB | \$885.50 |
| 8" | | | | BYCN1080E1LGB | \$661.10 | BYCN1080E1GGB | \$1,034.00 |



STEM EXTENSION OPTIONS - BYV

STEM EXTENSION PART NUMBER MATRIX

Stem extension is a price adder to the List Price of the Butterfly Valve.
See [page 43](#) for stem extension pricing.

BYV SERIES - Unsupported

| SIZE | PART NO. | HANDLE | | HANDWHEEL EXTENSION FOR GEARBOX | |
|------|-------------------|-------------------|-------------------|------------------------------------|-------------------|
| | | MIN. LENGTH (IN.) | MAX. LENGTH (IN.) | MIN. LENGTH (IN.) | MAX. LENGTH (IN.) |
| 2" | SPGBYV3EXT(XXXX) | L012 | L120 | 012 | 180 |
| 3" | SPGBYV3EXT(XXXX) | L012 | L120 | 012 | 180 |
| 4" | SPGBYV4EXT(XXXX) | L012 | L120 | 012 | 180 |
| 6" | SPGBYV6EXT(XXXX) | L012 | L120 | 012 | 180 |
| 8" | SPGBYV8EXT(XXXX) | L012 | L120 | 012 | 180 |
| 10" | SPGBYV10EXT(XXXX) | NA | NA | 012 | 180 |
| 12" | SPGBYV12EXT(XXXX) | NA | NA | 012 | 180 |

BYV SERIES - Supported*

| SIZE | PART NO. | SSTL HOUSING/ SSTL SHAFT EXT. | | PVC HOUSING/ SSTL SHAFT EXT. | |
|------|------------------|----------------------------------|-------------------|---------------------------------|-------------------|
| | | MIN. LENGTH (IN.) | MAX. LENGTH (IN.) | MIN. LENGTH (IN.) | MAX. LENGTH (IN.) |
| 2" | BYVK3EX(XXXXX) | 012SS | 120SS | 012 | 120 |
| 3" | BYVK3EX(XXXXXX) | 012SS | 120SS | 012 | 120 |
| 4" | BYVK4EX(XXXXXX) | 012SS | 120SS | 012 | 120 |
| 6" | BYVK6EX(XXXXXX) | 012SS | 120SS | 012 | 096 |
| 8" | BYVK8EX(XXXXXX) | 012SS | 120SS | 012 | 096 |
| 10" | BYVK10EX(XXXXXX) | 012SS | 120SS | 012 | 060 |
| 12" | BYVK12EX(XXXXXX) | 012SS | 120SS | 012 | 060 |

*Standard supported stem extensions are for standard gear boxes. For non-standard gear boxes, pneumatic and electric actuators, please consult factory.



STEM EXTENSION OPTIONS – BYB

STEM EXTENSION PART NUMBER MATRIX

Stem extension is a price adder to the List Price of the Butterfly Valve.
See table below for stem extension pricing.

BYB SERIES - Supported

| SIZE | PART NO. | SSTL HOUSING/ SSTL SHAFT EXT. | |
|------|------------------|----------------------------------|----------------------|
| | | MIN. LENGTH (IN.) | MAX. LENGTH (IN.) |
| 14" | HCBYB14EX(XXXXX) | 012SS | 120SS |
| 16" | HCBYB16EX(XXXXX) | 012SS | 120SS |
| 18" | HCBYB16EX(XXXXX) | 012SS | 120SS |
| 20" | HCBYB20EX(XXXXX) | 012SS | 120SS |
| 24" | HCBYB20EX(XXXXX) | 012SS | 120SS |

STEM EXTENSION OPTIONS – BYV & BYB

BUTTERFLY VALVE STEM EXTENSION* PRICE

| LENGTH | TYPE EXTENSION | LIST PRICE |
|----------------|--|---------------|
| First 24" | 2" - 8" 316 SS/Alum Stem Extension Unsupported Lever | \$1,124.50 |
| Ea. Addtn'l 6" | 2" - 8" 316 SS/Alum Stem Extension Unsupported Lever | \$75.30 |
| First 24" | 2" - 8" PVC supported Stem Extension for Gear Op. or Act. (not included) | \$1,454.30 |
| Ea. Addtn'l 6" | 2" - 8" PVC supported Stem Extension for Gear Op. or Act. (not included) | \$111.25 |
| First 24" | 2" - 8" SS supported Stem Extension for Gear Op. Act. (not included) | \$1,709.25 |
| Ea. Addtn'l 6" | 2" - 8" SS supported Stem Extension for Gear Op. or Act. (not included) | \$150.10 |
| First 24" | 10" - 12" PVC supported Stem Extension for Gear Op. or Act. (not included) | \$1,619.15 |
| Ea. Addtn'l 6" | 10" - 12" PVC supported Stem Extension for Gear Op. or Act. (not included) | \$126.20 |
| First 24" | 10" - 12" SS supported Stem Extension for Gear Op. or Act. (not included) | \$2,053.75 |
| Ea. Addtn'l 6" | 10" - 12" SS supported Stem Extension for Gear Op. or Act. (not included) | \$165.20 |
| First 24" | 14" - 24" SS supported Stem Extension for Gear Op. or Act. (not included) | \$2,039.00 |
| Ea. Addtn'l 6" | 14" - 24" SS supported Stem Extension for Gear Op. or Act. (not included) | \$255.10 |

* Neither a Gear Box Operator nor an Actuator are included with stem extensions. These items must be purchased separately.
Consult factory for pricing for non-standard gear boxes or actuators.



LHB SERIES MANUAL LIMIT SWITCH FOR TBH AND BYV SERIES

Price is for switch only; add the cost of the actuation-ready valve and any required options. Valve not included.

LHB Series: Manual limit switch fits all sizes of TBH and BYV Series up to 8". The LHB meets ISO5211, is rated NEMA 4X and has an integral lockout. SPDT 10 amp @ 120VAC limit switches are included standard. Two additional limit switches can be added, lever or T-handle option.*

TBH SERIES

| VALVE SIZE | PART NO. | DESCRIPTION | LIST PRICE |
|------------|------------|------------------|------------|
| 1/2" – 2" | LHB1TBH1S2 | 2 Limit Switches | \$530.50 |
| 1/2" – 2" | LHB1TBH1S4 | 4 Limit Switches | \$641.40 |

| VALVE SIZE | PART NO. | DESCRIPTION | LIST PRICE |
|-------------|------------|------------------|------------|
| 2-1/2" – 6" | LHB2TBH3S2 | 2 Limit Switches | \$657.50 |
| 2-1/2" – 6" | LHB2TBH3S4 | 4 Limit Switches | \$787.60 |

BYV SERIES

| VALVE SIZE | PART NO. | DESCRIPTION | LIST PRICE |
|------------|------------|------------------|------------|
| 2" – 3" | LHB1BYV2S2 | 2 Limit Switches | \$546.30 |
| 4" | LHB1BYV4S2 | 2 Limit Switches | \$546.30 |
| 2" – 3" | LHB1BYV2S4 | 4 Limit Switches | \$681.05 |
| 4" | LHB1BYV4S4 | 4 Limit Switches | \$681.05 |

| VALVE SIZE | PART NO. | DESCRIPTION | LIST PRICE |
|------------|------------|------------------|------------|
| 6" | LHB2BYV6S2 | 2 Limit Switches | \$677.25 |
| 8" | LHB2BYV8S2 | 2 Limit Switches | \$677.25 |
| 6" | LHB2BYV6S4 | 4 Limit Switches | \$811.30 |
| 8" | LHB2BYV8S4 | 4 Limit Switches | \$811.30 |

* TBH Limit Switch comes standard with T-Handle, lever handle optional, consult factory.

ELECTRIC ACTUATORS – EAU & HZSN1 SERIES

Prices are for the actuator or option only;
add the cost of the valve, actuator and any options together for the total list price.



EAU1/EAU Series

Low cost solution with unidirectional rotation, not requiring a manual override. Housing is corrosion resistant, lightweight GFPP. EAU1 Actuators feature ISO5211 mounting pad.



HZSN Series

Compact, reversing, non-spring return actuator is ideal for limited space applications and smaller size ball valves. Standard 24VAC/VDC and 85-265VAC supply and manual override. Top mounted LED status indicators.

| | | | | On/Off | Proportional |
|------------------------|-----------------|-----------------|----------------|-------------------------|-----------------|
| Model Torque In*lbs | EAU28*** 120 | EAU129** 120 | EAU29** 120 | HZSN1CH1 266 | HZSN1CH8 266 |
| List Price | \$592.05 | \$641.40 | \$638.15 | \$626.55 | \$799.35 |
| BALL | | TBH SERIES | TB SERIES | TBH & CVH SERIES | |
| 1/2" | | | | | |
| 3/4" | | | | | |
| 1" | | | | | |
| 1-1/4" | | | | | |
| 1-1/2" | | | | | |
| 2" | | | | | |
| THREE WAY | TW SERIES | | | TN & HCLA ... 90 SERIES | |
| 1/2" | | | | | |
| 3/4" | | | | | |
| 1" | | | | | |
| 1-1/4" | | | | | |
| 1-1/2" | | | | | |
| 2" | | | | | |

* EAU actuator for TW Series 3-Way Ball valves ONLY, choose another actuator for LA Series Lateral 3-Way Ball valves.

** EAU129/EAU29 cannot be used with the "Z" ball or CVH fitted valves.

*** EAU28 applies to TW/TN Series only.

| OPTIONS AND ACCESSORIES (OPTIONS AVAILABLE WHERE PRICE IS SHOWN) ADD TO PRICE OF ACTUATOR. | | |
|--|------------|----------------|
| Option | Suffix No. | EAU List Price |
| Voltage 110-120VAC | - | STD |
| Voltage 220-240VAC | 220A | \$174.75 |
| Voltage 24VDC | 24D | \$211.95 |

STD = Feature is Standard on actuator.

ELECTRIC ACTUATORS – ECP SERIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.



ECP3 Series



ECP5 Series



ECP8 Series

Compact actuator for all applications. Standard 24~265VAC/VDC, 2 auxiliary limit switches, heater, LED status, position indicator and manual override. GFPP thermoplastic housing. NEMA 4X (IP67). Proportional control and battery fail safe are factory installed options available at time of order.

| Model Torque In*lbs (Nm) | ECP3 336/38 | ECP5 530/60 | ECP8 796/90 |
|-------------------------------|----------------|----------------|----------------|
| List Price | \$850.75 | \$2,068.25 | \$2,375.65 |
| TBH SERIES | | | |
| 1/2" | | | |
| 3/4" | | | |
| 1" | | | |
| 1-1/4" | | | |
| 1-1/2" | | | |
| 2" | | | |
| 2-1/2" - 3" | | | |
| 4" - 6" | | | |
| TW, TN & LA SERIES | | | |
| 1/2" | | | |
| 3/4" | | | |
| 1" | | | |
| 1-1/4" | | | |
| 1-1/2" | | | |
| 2" | | | |
| 2-1/2" - 3" | | | |
| 4" - 6" | | | |
| BYV SERIES | | | |
| 2" | | | |
| 2-1/2" | | | |
| 3" | | | |
| 4" | | | |
| 6" | | | |

ELECTRIC ACTUATORS – ECP SERIES OPTIONS & ACCESSORIES

Prices are for the option only; add the cost of the valve, actuator and any options together for the total list price, factory installed.

| OPTIONS AND ACCESSORIES ADD TO PRICE OF ACTUATOR. | | |
|---|------------|------------------------|
| OPTION | SUFFIX NO. | ECP3 - ECP8 LIST PRICE |
| Digital Positioner Kit 0-20mA, 4-20mA or 0-10V | PC | \$658.90 |
| BSR Battery Fail Safe Kit | BB | \$772.50 |



ELECTRIC ACTUATORS – HRSN SERIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.



HRSN2 Series



HRSN3 Series



HRSN4 Series



HRSN5 Series

Heavy duty quarter-turn actuator for all applications. Standard 2 Auxiliary limit switches, heater and manual override. Electrostatically coated aluminum alloy housing, NEMA 4/4X & IP67. CSA Listed.

| Model Torque In*lbs | HRSN2A | HRSN2R | HRSN3A 880 | HRSN3B 1770 | HRSN4A 3540 | HRSN4B 5310 | HRSN4C 7080 | HRSN4D 8850 | HRSN4E 15040 | HRSN4F 20350 | HRSN5A 30970 |
|---------------------------|-----------------------|-----------------------|---------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|
| | HRSN2B (Handwheel) | HRSN2S (Handwheel) | | | | | | | | | |
| | 310 | 440 | | | | | | | | | |
| List Price | \$945.90 | \$1,310.90 | \$2,283.60 | \$2,724.30 | \$3,552.20 | \$4,025.85 | \$4,330.35 | \$5,040.80 | \$8,051.70 | \$8,660.65 | \$12,618.70 |
| | \$1,277.75 | \$1,642.75 | | | | | | | | | |
| TBH & CVH SERIES | | | | | | | | | | | |
| 1/2" | | | | | | | | | | | |
| 3/4" | | | | | | | | | | | |
| 1" | | | | | | | | | | | |
| 1-1/4" | | | | | | | | | | | |
| 1-1/2" | | | | | | | | | | | |
| 2" | | | | | | | | | | | |
| 2-1/2" | | | | | | | | | | | |
| 3" | | | | | | | | | | | |
| 4" | | | | | | | | | | | |
| 6" | | | | | | | | | | | |
| TN & HCLA...90 SERIES | | | | | | | | | | | |
| 1/2" | | | | | | | | | | | |
| 3/4" | | | | | | | | | | | |
| 1" | | | | | | | | | | | |
| 1-1/4" | | | | | | | | | | | |
| 1-1/2" | | | | | | | | | | | |
| 2" | | | | | | | | | | | |
| 2-1/2" | | | | | | | | | | | |
| 3" | | | | | | | | | | | |
| 4" | | | | | | | | | | | |
| 6" | | | | | | | | | | | |
| BYV SERIES | | | | | | | | | | | |
| 2" | | | | | | | | | | | |
| 2-1/2" | | | | | | | | | | | |
| 3" | | | | | | | | | | | |
| 4" | | | | | | | | | | | |
| 6" | | | | | | | | | | | |
| 8" | | | | | | | | | | | |
| 10" | | | | | | | | | | | |
| 12" | | | | | | | | | | | |
| BYB SERIES | | | | | | | | | | | |
| 14" | | | | | | | | | | | |
| 16" | | | | | | | | | | | |
| 18" | | | | | | | | | | | |
| 20" | | | | | | | | | | | |
| 24" | | | | | | | | | | | |

ELECTRIC ACTUATORS – HRSN SERIES 3 PHASE

Prices are for the actuator only; add the cost of the valve, actuator and any options together for the total list price.

Heavy duty quarter-turn actuator for all applications. **Standard torque switches, 2 Auxiliary limit switches, heater and manual override.** Electrostatically coated aluminum alloy housing.



| | | | | | | | | |
|--|-------------------|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| BASIC 3 PHASE ACTUATION | | <ul style="list-style-type: none"> Heavy duty quarter-turn actuator for BASIC 3 phase applications. These units MUST ONLY be used with existing remote motor control stations. These units MUST be connected to a reversing 3 phase power source. There are no phase monitor or phase reversal safeties. NEMA 4/4X & IP67 aluminum alloy housing standard, IP68 optional. 480/3 standard. 230/3, 380/3 and 575/3 optional. | | | | | | |
| Model* | Basic Only | HRSN3AT1D1DANTR | HRSN3BT1D1DANTR | HRSN4AT1E1EANTR | HRSN4BT1F1FANTR | HRSN4CT1F1FANTR | HRSN4DT1F1FANTR | HRSN4ET1G1FANTR |
| Torque In*Lbs | | 880 | 1770 | 3570 | 5510 | 7080 | 8850 | 15040 |
| List Price | | \$3,509.45 | \$3,954.30 | \$4,756.15 | \$5,229.75 | \$5,534.15 | \$6,244.60 | \$9,255.55 |
| Model* | Basic Only | HRSN4FT1G1GANTR | HRSN5AT1H1HANTR | HRSN5BT1H1HANTR | HRSN6AT1J1JANTR | HRSN7AT1K1KANTR | HRSN7BT1K1KANTR | HRSN7CT1K1KANTR |
| Torque In*Lbs | | 20350 | 30975 | 44250 | 70800 | 115000 | 140000 | 177000 |
| List Price | | \$9,864.45 | \$13,115.95 | \$13,822.65 | \$17,783.75 | \$23,980.05 | \$26,094.15 | \$27,810.05 |

* Models listed in this table represent 480/3 solutions. The seventh digit would change from "T" to "M" for 230/3, to "R" for 380/3 and to "U" for 575/3.

| | | | | | | | | |
|--|---------------|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 3 PHASE NON-LCS ACTUATION | | <ul style="list-style-type: none"> Heavy duty quarter-turn actuator for ON/OFF & PROPORTIONAL Non-LCS 3 phase applications. These units CANNOT be used with existing remote motor control stations. These units MUST be connected to a non-reversing 3 phase power source. These units MUST be connected to external controls for positioning. These units have a built-in phase monitor and have automatic phase correction. NEMA 4/4X & IP67 aluminum alloy housing standard, IP68 optional. 480/3 standard. 230/3 and 380/3 optional. Internal 24VDC provided to output terminal for use as CW / CCW input control signals. | | | | | | |
| Model* | On/Off | HRSN3AT1D1DANTM | HRSN3BT1D1DANTM | HRSN4AT1E1EANTM | HRSN4BT1F1FANTM | HRSN4CT1F1FANTM | HRSN4DT1F1FANTM | HRSN4ET1G1FANTM |
| | Mod | HRSN3AT8D1DACTM | HRSN3BT8D1DACTM | HRSN4AT8E1EACTM | HRSN4BT8F1FACTM | HRSN4CT8F1FACTM | HRSN4DT8F1FACTM | HRSN4ET8G1FACTM |
| Torque In*Lbs | | 880 | 1770 | 3570 | 5510 | 7080 | 8850 | 15040 |
| List Price (On/Off) | | \$4,424.50 | \$4,869.30 | \$5,670.90 | \$6,144.65 | \$6,449.15 | \$7,159.60 | \$10,170.50 |
| List Price (Mod) | | \$5,947.60 | \$6,392.65 | \$7,194.25 | \$7,667.90 | \$7,972.35 | \$8,682.85 | \$11,693.75 |
| Model* | On/Off | HRSN4FT1G1GANTM | HRSN5AT1H1HANTM | HRSN5BT1H1HANTM | HRSN6AT1J1JANTM | HRSN7AT1K1KANTM | HRSN7BT1K1KANTM | HRSN7CT1K1KANTM |
| | Mod | HRSN4FT8G1GACTM | HRSN5AT8H1HACTM | HRSN5BT8H1HACTM | HRSN6AT8J1JACTM | HRSN7AT8K1KACTM | HRSN7BT8K1KACTM | HRSN7CT8K1KACTM |
| Torque In*Lbs | | 20350 | 30975 | 44250 | 70800 | 115000 | 140000 | 177000 |
| List Price (On/Off) | | \$10,779.40 | \$13,588.35 | \$14,030.85 | \$17,783.75 | \$23,980.05 | \$26,056.05 | \$27,772.10 |
| List Price (Mod) | | \$12,302.65 | \$15,111.50 | \$15,554.05 | \$19,307.05 | \$25,503.25 | \$27,579.35 | \$29,295.25 |

* Models listed in this table represent 480/3 solutions. The seventh digit would change from "T" to "M" for 230/3 and to "R" for 380/3.

ELECTRIC ACTUATORS – HRSN SERIES 3 PHASE (CONT.)

Prices are for the actuator only; add the cost of the valve, actuator and any options together for the total list price.

Heavy duty quarter-turn actuator for all applications. **Standard torque switches, 2 Auxiliary limit switches, heater and manual override.** Electrostatically coated aluminum alloy housing.

| | | | | | | | | |
|--|---------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 3 PHASE TYPE CK LCS ACTUATION | | <ul style="list-style-type: none"> Heavy duty quarter-turn actuator for ON/OFF & PROPORTIONAL Type CK LCS 3 phase applications. These units CANNOT be used with existing remote motor control stations. These units MUST be connected to a non-reversing 3 phase power source. These units have a built-in phase monitor and have automatic phase correction. NEMA 4/4X & IP65 aluminum alloy housing ONLY; NO IP68 option. 480/3 standard. 230/3 and 380/3 optional. Internal 24VDC provided to output terminal for use as CW / CCW input control signals. | | | | | | |
| Model* | On/Off | HRCK3AT1D1DANTM | HRCK3BT1D1DANTM | HRCK4AT1E1EANTM | HRCK4BT1F1FANTM | HRCK4CT1F1FANTM | HRCK4DT1F1FANTM | HRCK4ET1G1FANTM |
| | Mod | HRCK3AT8D1DACTM | HRCK3BT8D1DACTM | HRCK4AT8E1EACTM | HRCK4BT8F1FACTM | HRCK4CT8F1FACTM | HRCK4DT8F1FACTM | HRCK4ET8G1FACTM |
| Torque In*Lbs | | 880 | 1770 | 3570 | 5510 | 7080 | 8850 | 15040 |
| List Price (On/Off) | | \$5,947.65 | \$6,084.85 | \$7,150.30 | \$7,360.35 | \$7,664.75 | \$8,502.10 | \$11,386.10 |
| List Price (Mod) | | \$7,163.30 | \$7,608.15 | \$8,409.80 | \$8,883.45 | \$9,188.10 | \$9,898.45 | \$12,909.35 |
| Model* | | HRCK4FT1G1GANTM | HRCK5AT1H1HANTM | HRCK5BT1H1HANTM | HRCK6AT1J1JANTM | HRCK7AT1K1KANTM | HRCK7BT1K1KANTM | HRCK7CT1K1KANTM |
| Mod | | HRCK4FT8G1GACTM | HRCK5AT8H1HACTM | HRCK5BT8H1HACTM | HRCK6AT8J1JACTM | HRCK7AT8K1KACTM | HRCK7BT8K1KACTM | HRCK7CT8K1KACTM |
| Torque In*Lbs | | 20350 | 30975 | 44250 | 70800 | 115000 | 140000 | 177000 |
| List Price (On/Off) | | \$11,995.05 | \$15,953.25 | \$15,246.45 | \$19,914.30 | \$26,692.85 | \$28,224.70 | \$29,940.65 |
| List Price (Mod) | | \$13,518.25 | \$17,476.45 | \$16,769.65 | \$21,437.60 | \$28,216.00 | \$29,747.90 | \$31,463.95 |

* Models listed in this table represent 480/3 solutions. The seventh digit would change from "T" to "M" for 230/3 and to "R" for 380/3.

| | | | | | | | | |
|--|---------------|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 3 PHASE TYPE CB LCS ACTUATION | | <ul style="list-style-type: none"> Heavy duty quarter-turn actuator for ON/OFF & PROPORTIONAL Type CB LCS 3 phase applications. These units CANNOT be used with existing remote motor control stations. These units MUST be connected to a non-reversing 3 phase power source. These units have a built-in phase monitor and have automatic phase correction. NEMA 4/4X & IP67 aluminum alloy housing ONLY; NO IP68 option. 480/3 standard. 230/3 and 380/3 optional. Internal 24VDC provided to output terminal for use as CW / CCW input control signals. | | | | | | |
| Model* | On/Off | HRCB3AT1D1DANTM | HRCB3BT1D1DANTM | HRCB4AT1E1EANTM | HRCB4BT1F1FANTM | HRCB4CT1F1FANTM | HRCB4DT1F1FANTM | HRCB4ET1G1FANTM |
| | Mod | HRCB3AT8D1DACTM | HRCB3BT8D1DACTM | HRCB4AT8E1EACTM | HRCB4BT8F1FACTM | HRCB4CT8F1FACTM | HRCB4DT8F1FACTM | HRCB4ET8G1FACTM |
| Torque In*Lbs | | 880 | 1770 | 3570 | 5510 | 7080 | 8850 | 15040 |
| List Price (On/Off) | | \$5,851.35 | \$6,296.10 | \$7,097.90 | \$7,571.60 | \$7,876.05 | \$8,778.80 | \$11,597.30 |
| List Price (Mod) | | \$7,374.55 | \$7,819.40 | \$8,621.15 | \$9,094.80 | \$9,399.30 | \$10,109.65 | \$13,120.60 |
| Model* | | HRCB4FT1G1GANTM | HRCB5AT1H1HANTM | HRCB5BT1H1HANTM | HRCB6AT1J1JANTM | HRCB7AT1K1KANTM | HRCB7BT1K1KANTM | HRCB7CT1K1KANTM |
| Mod | | HRCB4FT8G1GACTM | HRCB5AT8H1HACTM | HRCB5BT8H1HACTM | HRCB6AT8J1JACTM | HRCB7AT8K1KACTM | HRCB7BT8K1KACTM | HRCB7CT8K1KACTM |
| Torque In*Lbs | | 20350 | 30975 | 44250 | 70800 | 115000 | 140000 | 177000 |
| List Price (On/Off) | | \$12,206.30 | \$16,164.45 | \$15,457.80 | \$20,125.55 | \$26,904.05 | \$28,435.95 | \$30,151.90 |
| List Price (Mod) | | \$13,729.50 | \$17,687.65 | \$16,980.95 | \$21,648.80 | \$28,427.25 | \$29,959.30 | \$31,675.20 |

* Models listed in this table represent 480/3 solutions. The seventh digit would change from "T" to "M" for 230/3 and to "R" for 380/3.

ELECTRIC ACTUATORS – HRSN SERIES 3 PHASE (CONT.)

Prices are for the actuator only; add the cost of the valve, actuator and any options together for the total list price.

Heavy duty quarter-turn actuator for all applications. **Standard torque switches, 2 Auxiliary limit switches, heater and manual override.** Electrostatically coated aluminum alloy housing.

| | | | | | | | | |
|---|--------|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 3 PHASE TYPE LED LCS ACTUATION | | <ul style="list-style-type: none"> Heavy duty quarter-turn actuator for ON/OFF & PROPORTIONAL Type CL LED LCS 3 phase applications. These units CANNOT be used with existing remote motor control stations. These units MUST be connected to a non-reversing 3 phase power source. These units have a built-in phase monitor and have automatic phase correction. NEMA 4/4X & IP67 aluminum alloy housing standard, IP68 optional. 480/3 standard. 230/3 and 380/3 optional. Internal 24VDC provided to output terminal for use as CW / CCW input control signals. | | | | | | |
| Model* | On/Off | HRCL3AT1D1DANTM | HRCL3BT1D1DANTM | HRCL4AT1E1EANTM | HRCL4BT1F1FANTM | HRCL4CT1F1FANTM | HRCL4DT1F1FANTM | HRCL4ET1G1FANTM |
| | Mod | HRCL3AT8D1DACTM | HRCL3BT8D1DACTM | HRCL4AT8E1EACTM | HRCL4BT8F1FACTM | HRCL4CT8F1FACTM | HRCL4DT8F1FACTM | HRCL4ET8G1FACTM |
| Torque In*Lbs | | 880 | 1770 | 3570 | 5510 | 7080 | 8850 | 15040 |
| List Price (On/Off) | | \$6,856.40 | \$7,301.30 | \$8,103.05 | \$8,576.65 | \$8,881.20 | \$9,067.95 | \$12,602.50 |
| List Price (Mod) | | \$8,379.65 | \$8,824.55 | \$9,626.25 | \$10,099.90 | \$10,404.45 | \$11,114.85 | \$14,125.65 |
| Model* | | HRCL4FT1G1GANTM | HRCL5AT1H1HANTM | HRCL5BT1H1HANTM | HRCL6AT1J1JANTM | HRCL7AT1K1KANTM | HRCL7BT1K1KANTM | HRCL7CT1K1KANTM |
| Model* | On/Off | HRCL4FT1G1GANTM | HRCL5AT1H1HANTM | HRCL5BT1H1HANTM | HRCL6AT1J1JANTM | HRCL7AT1K1KANTM | HRCL7BT1K1KANTM | HRCL7CT1K1KANTM |
| | Mod | HRCL4FT8G1GACTM | HRCL5AT8H1HACTM | HRCL5BT8H1HACTM | HRCL6AT8J1JACTM | HRCL7AT8K1KACTM | HRCL7BT8K1KACTM | HRCL7CT8K1KACTM |
| Torque In*Lbs | | 20350 | 30975 | 44250 | 70800 | 115000 | 140000 | 177000 |
| List Price (On/Off) | | \$13,211.35 | \$17,169.55 | \$16,462.95 | \$21,130.75 | \$27,909.15 | \$29,441.05 | \$31,157.05 |
| List Price (Mod) | | \$14,734.65 | \$18,692.80 | \$17,986.15 | \$22,653.95 | \$29,432.40 | \$30,964.35 | \$32,680.25 |

* Models listed in this table represent 480/3 solutions. The seventh digit would change from "T" to "M" for 230/3 and to "R" for 380/3.

| | | | | | | | | |
|---|--------|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 3 PHASE TYPE LCD LCS ACTUATION | | <ul style="list-style-type: none"> Heavy duty quarter-turn actuator for ON/OFF & PROPORTIONAL Type CD LCD LCS 3 phase applications. These units CANNOT be used with existing remote motor control stations. These units MUST be connected to a non-reversing 3 phase power source. These units have a built-in phase monitor and have automatic phase correction. NEMA 4/4X & IP67 aluminum alloy housing standard, IP68 optional. 480/3 standard. 230/3 and 380/3 optional. Internal 24VDC provided to output terminal for use as CW / CCW input control signals. | | | | | | |
| Model* | On/Off | HRCD3AT1D1DANTM | HRCD3BT1D1DANTM | HRCD4AT1E1EANTM | HRCD4BT1F1FANTM | HRCD4CT1F1FANTM | HRCD4DT1F1FANTM | HRCD4ET1G1FANTM |
| | Mod | HRCD3AT8D1DACTM | HRCD3BT8D1DACTM | HRCD4AT8E1EACTM | HRCD4BT8F1FACTM | HRCD4CT8F1FACTM | HRCD4DT8F1FACTM | HRCD4ET8G1FACTM |
| Torque In*Lbs | | 880 | 1770 | 3570 | 5510 | 7080 | 8850 | 15040 |
| List Price (On/Off) | | \$7,298.50 | \$7,743.30 | \$8,545.10 | \$9,018.75 | \$9,323.20 | \$10,276.60 | \$13,044.55 |
| List Price (Mod) | | \$8,821.75 | \$9,266.50 | \$10,068.30 | \$10,542.00 | \$10,846.55 | \$11,556.95 | \$14,567.75 |
| Model* | | HRCD4FT1G1GANTM | HRCD5AT1H1HANTM | HRCD5BT1H1HANTM | HRCD6AT1J1JANTM | HRCD7AT1K1KANTM | HRCD7BT1K1KANTM | HRCD7CT1K1KANTM |
| Model* | On/Off | HRCD4FT1G1GANTM | HRCD5AT1H1HANTM | HRCD5BT1H1HANTM | HRCD6AT1J1JANTM | HRCD7AT1K1KANTM | HRCD7BT1K1KANTM | HRCD7CT1K1KANTM |
| | Mod | HRCD4FT8G1GACTM | HRCD5AT8H1HACTM | HRCD5BT8H1HACTM | HRCD6AT8J1JACTM | HRCD7AT8K1KACTM | HRCD7BT8K1KACTM | HRCD7CT8K1KACTM |
| Torque In*Lbs | | 20350 | 30975 | 44250 | 70800 | 115000 | 140000 | 177000 |
| List Price (On/Off) | | \$13,653.45 | \$17,611.65 | \$16,904.95 | \$21,572.80 | \$28,351.30 | \$29,883.15 | \$31,599.10 |
| List Price (Mod) | | \$15,176.65 | \$19,134.90 | \$18,428.20 | \$23,096.00 | \$29,874.50 | \$31,406.40 | \$33,122.40 |

* Models listed in this table represent 480/3 solutions. The seventh digit would change from "T" to "M" for 230/3 and to "R" for 380/3.

**See page 48 for suggested actuator/valve combinations.



ELECTRIC ACTUATORS – HRSN SERIES

OPTIONS & ACCESSORIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.

| Option | Suffix | | HRSN2A List Price | HRSN2B List Price | HRSN2R List Price | HRSN2S List Price |
|--|--------|----------|----------------------|----------------------|----------------------|----------------------|
| | Code | Position | | | | |
| Torque In*lbs | | | 310 | 310 | 440 | 440 |
| Voltage - 12VAC/VDC (Available up to 4D) | B | 7th | \$208.10 | \$208.10 | \$208.10 | \$208.10 |
| Voltage - 24VAC/VDC (Available up to 4E) | E | 7th | \$204.40 | \$204.40 | \$204.40 | \$204.40 |
| Voltage - 120VAC | K | 7th | STD | STD | STD | STD |
| Voltage - 240VAC | L | 7th | STD | STD | STD | STD |
| On/Off Jog | 1 | 8th | STD | STD | STD | STD |
| Proportional Control 12VAC/VDC (available up to 4D) | 8 | 8th | \$1,845.85 | \$1,845.85 | \$1,845.85 | \$1,845.85 |
| Proportional Control 24VAC/VDC | 8 | 8th | \$1,611.00 | \$1,611.00 | \$1,611.00 | \$1,611.00 |
| Proportional Control 120VAC | 8 | 8th | \$1,577.45 | \$1,577.45 | \$1,577.45 | \$1,577.45 |
| Proportional Control 240VAC | 8 | 8th | \$1,577.45 | \$1,577.45 | \$1,577.45 | \$1,577.45 |
| 2 Position Relay (RC/RO) | 5/6 | 8th | \$436.40 | \$436.40 | \$436.40 | \$436.40 |
| 0°-90°-180° (HRS2A-3B Only) | D | 8th | \$503.50 | \$503.50 | \$503.50 | \$503.50 |
| 0°-180° (on/off only) (HRS2A-3B Only) | U | 13th | \$335.65 | \$335.65 | \$335.65 | \$335.65 |
| Extended Duty Motor 75% (120/230VAC Only) - HRS2A-4F | T | 13th | \$295.45 | \$295.45 | \$295.45 | \$295.45 |
| 4-20mA Feedback for on/off Actuators (90° only) | M | 13th | \$1,282.10 | \$1,282.10 | \$1,282.10 | \$1,282.10 |
| 5th & 6th Auxiliary Switch** | B | 13th | N/A | N/A | N/A | N/A |
| IP68 Compliant Enclosure | 8 | 3rd | \$489.85 | \$489.85 | \$489.85 | \$489.85 |
| Torque Switches | T | 15th | N/A | N/A | N/A | N/A |
| 316SS Tags | YSS2 | N/A | \$63.95 | \$63.95 | \$63.95 | \$63.95 |

| Option | Suffix | | HRSN3A-3B List Price | HRSN4A-4D List Price | HRSN4E-4F List Price |
|--|--------|----------|-------------------------|-------------------------|-------------------------|
| | Code | Position | | | |
| Torque In*lbs | | | 880-1770 | 3570-8850 | 15040-20350 |
| Voltage - 12VAC/VDC (Available up to 4D) | B | 7th | \$268.55 | \$503.50 | N/A |
| Voltage - 24VAC/VDC (Available up to 4E) | E | 7th | \$263.50 | \$493.90 | \$674.45 |
| Voltage - 120VAC | K | 7th | STD | STD | STD |
| Voltage - 240VAC | L | 7th | STD | STD | STD |
| On/Off Jog | 1 | 8th | STD | STD | STD |
| Proportional Control 12VAC/VDC (available up to 4D) | 8 | 8th | \$1,845.85 | \$1,845.85 | N/A |
| Proportional Control 24VAC/VDC | 8 | 8th | \$1,611.00 | \$1,611.00 | N/A |
| Proportional Control 120VAC | 8 | 8th | \$1,577.45 | \$1,577.45 | \$1,577.45 |
| Proportional Control 240VAC | 8 | 8th | \$1,577.45 | \$1,577.45 | \$1,577.45 |
| 2 Position Relay (RC/RO) | 5/6 | 8th | \$435.75 | \$435.75 | \$435.75 |
| 0°-90°-180° (HRS2A-3B Only) | D | 8th | \$503.50 | N/A | N/A |
| 0°-180° (on/off only) (HRS2A-3B Only) | U | 8th | \$419.65 | N/A | N/A |
| Extended Duty Motor 75% (120/230VAC Only) - HRS2A-4F | T | 13th | \$288.80 | \$308.85 | \$308.85 |
| 4-20mA Feedback for on/off Actuators (90° only) | M | 13th | \$1,282.10 | \$1,282.10 | \$1,282.10 |
| 5th & 6th Auxiliary Switch** | B | 13th | \$268.55 | \$268.55 | \$268.55 |
| IP68 Compliant Enclosure | 8 | 3rd | \$550.20 | \$603.45 | \$638.95 |
| Torque Switches | T | 15th | \$671.35 | \$671.35 | \$671.35 |
| 316SS Tags | YSS2 | N/A | \$63.95 | \$63.95 | \$63.95 |

POA = Priced on Availability. Consult factory for pricing and availability.

N/A = Feature Not Applicable to actuator.

STD = Feature is Standard to actuator.

* Extended Duty Motor standard with Proportional Control & 12/24 VDC. Proportional Control includes 4-20mA In/Out.

Not all options are available across the entire product range (Consult Hayward).

**5th & 6th Aux Switch Option on 3A, 3B Series available On/Off ONLY. 4 Series and larger no restrictions.

ELECTRIC ACTUATORS – HRSN SERIES

BATTERY BACKUP

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.

HRS Series Electronic Fail-Safe System: Heavy duty quarter-turn actuator for all applications. Standard 24VAC/VDC On/Off, 2 Auxiliary limit switches, heater and manual override. Electrostatically coated aluminum alloy housing, NEMA 4/4X & IP67. Extended duty motor standard. Use Transformer Package for 120v or 230v applications.



2 Series

3 Series

4 Series

| Model Torque In/lbs | Battery Backup | | | | | | | |
|---------------------------|---------------------------------------|---------------------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | HRSN2AE1A1CAN2X | HRSN2RE1A1CAN2X | HRSN3AE1D1DAN20 880 | HRSN3BE1D1DAN20 1770 | HRSN4AE1E1EAN20 3540 | HRSN4BE1F1FAN20 5310 | HRSN4CE1F1FAN20 7080 | HRSN4DE1F1FAN20 8850 |
| | HRSN2BE1A1CAN20 (Handwheel) 310 | HRSN2SE1A1CAN20 (Handwheel) 440 | | | | | | |
| List Price | \$2,322.40 | \$3,230.35 | \$4,609.95 | \$4,995.20 | \$6,293.05 | \$6,703.10 | \$6,966.75 | \$7,581.80 |
| | \$2,615.30 | \$3,523.30 | | | | | | |
| TBH & CVH SERIES | | | | | | | | |
| 1/2" | | | | | | | | |
| 3/4" | | | | | | | | |
| 1" | | | | | | | | |
| 1-1/4" | | | | | | | | |
| 1-1/2" | | | | | | | | |
| 2" | | | | | | | | |
| 2-1/2" | | | | | | | | |
| 3" | | | | | | | | |
| 4" | | | | | | | | |
| 6" | | | | | | | | |
| TN & HCLA...90 SERIES | | | | | | | | |
| 1/2" | | | | | | | | |
| 3/4" | | | | | | | | |
| 1" | | | | | | | | |
| 1-1/4" | | | | | | | | |
| 1-1/2" | | | | | | | | |
| 2" | | | | | | | | |
| 2-1/2" | | | | | | | | |
| 3" | | | | | | | | |
| 4" | | | | | | | | |
| 6" | | | | | | | | |
| BYV SERIES | | | | | | | | |
| 2" | | | | | | | | |
| 2-1/2" | | | | | | | | |
| 3" | | | | | | | | |
| 4" | | | | | | | | |
| 6" | | | | | | | | |
| 8" | | | | | | | | |
| 10" | | | | | | | | |
| 12" | | | | | | | | |
| BYB SERIES | | | | | | | | |
| 14" | | | | | | | | |
| 16" | | | | | | | | |
| 18" | | | | | | | | |
| 20" | | | | | | | | |
| 24" | | | | | | | | |



ELECTRIC ACTUATORS – HRSN SERIES

BATTERY BACKUP (CONT.)

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.

HRS Series Electronic Fail-Safe System: Heavy duty quarter-turn actuator for all applications. Standard 24VAC/VDC On/Off, 2 Auxiliary limit switches, heater and manual override. Electrostatically coated aluminum alloy housing, NEMA 4/4X & IP67. Extended duty motor standard. Use Transformer Package for 120v or 230v applications.

| Model Torque In/lbs | Battery Backup | | | | | | | |
|--|---------------------------------------|---------------------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | HRSN2AE1A1CAN2X | HRSN2RE1A1CAN2X | | | | | | |
| | HRSN2BE1A1CAN20 (Handwheel) 310 | HRSN2SE1A1CAN20 (Handwheel) 440 | HRSN3AE1D1DAN20 880 | HRSN3BE1D1DAN20 1770 | HRSN4AE1E1EAN20 3540 | HRSN4BE1F1FAN20 5310 | HRSN4CE1F1FAN20 7080 | HRSN4DE1F1FAN20 8850 |
| List Price | \$2,322.40 | \$3,230.35 | \$4,609.95 | \$4,995.20 | \$6,293.05 | \$6,703.10 | \$6,966.75 | \$7,581.80 |
| | \$2,615.30 | \$3,523.30 | | | | | | |
| TRANSFORMER PANELS FOR 120VAC AND 230VAC APPLICATIONS (HRSBBCVVV**-AAA***) | | | | | | | | |
| 120VAC | 120-100 | 120-100 | 120-250 | 120-250 | 120-500 | 120-500 | 120-500 | 120-500 |
| 230VAC | 230-100 | 230-100 | 230-250 | 230-250 | 230-500 | 230-500 | 230-500 | 230-500 |
| LIST | \$1,391.70 | \$1,391.70 | \$1,391.70 | \$1,391.70 | \$1,532.40 | \$1,532.40 | \$1,732.90 | \$1,732.90 |
| OPTIONS AND ACCESSORIES | | | | | | | | |
| PROPORTIONAL CONTROLS* (-8) | \$1,577.45 | \$1,577.45 | \$1,577.45 | \$1,577.45 | \$1,577.45 | \$1,577.45 | \$1,577.45 | \$1,577.45 |
| 2 AUX SW | STANDARD | | | | | | | |
| EXTENDED DUTY MOTOR | STANDARD | | | | | | | |
| IP68 COMPLIANT ENCLOSURE | \$489.85 | \$489.85 | \$550.20 | \$550.20 | \$603.45 | \$603.45 | \$603.45 | \$638.95 |
| TORQ. SW (-TM / TC) | N/A | | \$671.35 | \$671.35 | \$671.35 | \$671.35 | \$671.35 | \$671.35 |

*All voltages

**VVV = Primary Voltage

***AAA = VA Rating

ELECTRIC ACTUATORS – HRSN SERIES

LOCAL CONTROL STATIONS

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.



HRCK Key/Knob interface with IP65 round enclosure which employs a key switch for the Mode select, a knob switch for Move commands and three LED indicators indicating Power, Open and Closed positions.



HRCB Knob/Knob interface with IP67 round enclosure which utilizes rotary switches to select Remote/Local Mode, Open/Stop/Close Mode and LED indicators to show Power, Fully Open and Fully Closed positions.



HRCL LED interface with IP67 rectangular enclosure integral with the actuator housing. This model has non-intrusive magnetic type knob switches for Mode and Position control. Also employs an LED panel mounted behind glass with indicators for Open, Close, Remote, Local and Fault. (Optional IP68 Enclosure)



HRCD w/LCD with IP67 rectangular enclosure integral with the actuator housing. This model features non-intrusive magnetic type knob switches for Mode and Position control. The CD utilizes a monochrome (blue) LCD panel that provides graphic information regarding the status of the actuator directions. Also features LED indicators above the screen that show Local, Remote, Open and Closed functions. (Optional IP68 Enclosure)

| MODEL | HRCK2A | HRCK2R | HRCK3A | HRCK3B | HRCK4A | HRCK4B | HRCK4C | HRCK4D |
|-------------------------|---------------------------|------------|------------|------------|------------|------------|------------|------------|
| | HRCK2B | HRCK2S | | | | | | |
| TORQUE IN-LBS | 310 | 440 | 880 | 1770 | 3540 | 5310 | 7080 | 8850 |
| 24VAC/VDC | \$1,987.80 | \$2,341.95 | \$3,322.05 | \$3,745.75 | \$4,731.15 | \$5,182.15 | \$5,472.15 | \$6,148.65 |
| | \$2,309.80 | \$2,664.20 | | | | | | |
| 120/230VAC | \$1,791.15 | \$2,145.50 | \$3,068.65 | \$3,500.55 | \$4,255.85 | \$4,707.00 | \$4,996.95 | \$5,673.55 |
| | \$2,113.00 | \$2,467.75 | | | | | | |
| OPTIONS AND ACCESSORIES | | | | | | | | |
| 12vac/vdc | Use 24VAC/VDC Price Above | | | | - | | | |
| On/Off/Jog | STANDARD | | | | | | | |
| Proportional 12VAC/VDC | - | | \$1,845.85 | | | | | - |
| Proportional 24VAC/VDC | \$1,611.00 | | | | | | | |
| Proportional 120/230VAC | \$1,577.45 | | | | | | | |
| 2 Aux Sw | STANDARD | | | | | | | |
| Heater | STANDARD | | | | | | | |
| Ext Duty Motor* | \$295.45 | | \$288.80 | | \$308.85 | | | |
| IP68 Compliant | - | | - | | - | | | |
| Torque Switches | - | | \$671.35 | | | | | |

*120/230V Only. 24VAC/VDC Standard with Extended Duty Motor.

ELECTRIC ACTUATORS – HRSN SERIES

LOCAL CONTROL STATIONS (CONT.)

Prices are for the actuator or the option only; add the cost of the valve, actuator and any options together for the total list price.

| MODEL | HRCB3A | HRCB3B | HRCB4A | HRCB4B | HRCB4C | HRCB4D | HRCB4E |
|-------------------------|------------|------------|------------|------------|------------|------------|-------------|
| TORQUE IN-LBS | 880 | 1770 | 3540 | 5310 | 7080 | 8850 | 15040 |
| 24VAC/VDC | \$4,178.90 | \$4,593.10 | \$5,578.50 | \$6,029.45 | \$6,319.45 | \$6,996.05 | \$10,063.25 |
| 120/230VAC | \$3,916.00 | \$4,339.65 | \$5,103.20 | \$5,554.40 | \$5,844.30 | \$6,520.90 | \$9,388.40 |
| | | | | | | | |
| MODEL | HRCL3A | HRCL3B | HRCL4A | HRCL4B | HRCL4C | HRCL4D | HRCL4E |
| Torque in-lbs | 880 | 1770 | 3540 | 5310 | 7080 | 8850 | 15040 |
| 24VAC/VDC | \$4,359.75 | \$4,783.55 | \$5,768.80 | \$6,219.90 | \$6,509.90 | \$7,186.50 | \$10,253.55 |
| 120/230VAC | \$4,106.35 | \$4,529.20 | \$5,293.70 | \$5,744.70 | \$6,034.75 | \$6,711.35 | \$9,578.85 |
| | | | | | | | |
| MODEL | HRCD3A | HRCD3B | HRCD4A | HRCD4B | HRCD4C | HRCD4D | HRCD4E |
| Torque in-lbs | 880 | 1770 | 3540 | 5310 | 7080 | 8850 | 15040 |
| 24VAC/VDC | \$5,645.70 | \$6,069.25 | \$7,054.70 | \$7,505.70 | \$7,795.65 | \$8,472.35 | \$11,539.45 |
| 120/230VAC | \$5,392.30 | \$5,815.90 | \$6,579.50 | \$7,030.50 | \$7,320.55 | \$4,847.20 | \$10,864.65 |
| OPTIONS AND ACCESSORIES | | | | | | | |
| 12VAC/VDC | - | | | | | | |
| On/Off/Jog | STANDARD | | | | | | |
| Proportional 12VAC/VDC | - | | | | | | |
| Proportional 24VAC/VDC | \$1,611.00 | | | | | | - |
| Proportional 120/230VAC | \$1,577.45 | | | | | | |
| 2 Aux Sw | STANDARD | | | | | | |
| Heater | STANDARD | | | | | | |
| Ext Duty Motor* | \$262.55 | | \$280.75 | | | | |
| IP68 Compliant** | \$550.20 | | \$603.45 | | | | \$638.95 |
| Torque Switches | \$671.35 | | | | | | |

*120/230V Only. 24VAC/VDC Standard with Extended Duty Motor.

**HRCL/HRCD Only

PNEUMATIC ACTUATORS – PCD/S & PSD/S SERIES

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.



PCD/S Series:

Best choice for heavy duty applications. Compact with 4 piston rack and pinion design. ISO5211 mounting base. Namur solenoid mount. Manual override.



PSD/S Series:

Double Acting or Spring Return scotch yoke design with corrosion resistant epoxy coated aluminum housing for harsh environmental conditions. Ideal for very corrosive applications and environments.

| MODEL TORQUE IN/LBS | PCD15 172 | PCD20 311 | PCD25 639 | PCD35 1848 | PCD45 3622 | PCD60 8585 | PCD75 15856 | PSD015 133 | PSD030 266 | PSD045 398 |
|----------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|
| List Price | \$407.45 | \$558.45 | \$751.00 | \$1,131.25 | \$1,986.20 | \$3,564.10 | \$4,439.20 | \$324.85 | \$357.25 | \$543.90 |
| TBH & CVH SERIES | | | | | | | | | | |
| 1/2" | | | | | | | | | | |
| 3/4" | | | | | | | | | | |
| 1" | | | | | | | | | | |
| 1-1/4" | | | | | | | | | | |
| 1-1/2" | | | | | | | | | | |
| 2" | | | | | | | | | | |
| 2-1/2" | | | | | | | | | | |
| 3" | | | | | | | | | | |
| 4" | | | | | | | | | | |
| 6" | | | | | | | | | | |
| TN & HCLA...90 SERIES | | | | | | | | | | |
| 1/2" | | | | | | | | | | |
| 3/4" | | | | | | | | | | |
| 1" | | | | | | | | | | |
| 1-1/4" | | | | | | | | | | |
| 1-1/2" | | | | | | | | | | |
| 2" | | | | | | | | | | |
| 2-1/2" | | | | | | | | | | |
| 3" | | | | | | | | | | |
| 4" | | | | | | | | | | |
| 6" | | | | | | | | | | |
| BYV SERIES | | | | | | | | | | |
| 2" | | | | | | | | | | |
| 2-1/2" | | | | | | | | | | |
| 3" | | | | | | | | | | |
| 4" | | | | | | | | | | |
| 6" | | | | | | | | | | |
| 8" | | | | | | | | | | |
| 10" | | | | | | | | | | |
| 12" | | | | | | | | | | |
| BYB SERIES | | | | | | | | | | |
| 14" | | | | | | | | | | |
| 16" | | | | | | | | | | |
| 18" | | | | | | | | | | |
| 20" | | | | | | | | | | |
| 24" | | | | | | | | | | |

All actuator sizing based on 80 PSI air. Consult factory for larger sizes - PS Series.



PNEUMATIC ACTUATORS – PCD/S & PSD/S SERIES (cont.)

Prices are for the actuator or option only; add the cost of the valve, actuator and any options together for the total list price.

| MODEL TORQUE* IN/LBS | PCS15 61 | PCS20 109 | PCS25 217 | PCS30 345 | PCS35 607 | PCS45 1218 | PCS60 2857 | PSS015 133 | PSS030 266 | PSS045 469 |
|----------------------------------|-------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| List Price | \$453.05 | \$584.00 | \$866.60 | \$1,054.95 | \$1,388.90 | \$2,208.60 | \$3,462.85 | \$375.30 | \$463.30 | \$656.45 |
| TBH & CVH SERIES | | | | | | | | | | |
| 1/2" | | | | | | | | | | |
| 3/4" | | | | | | | | | | |
| 1" | | | | | | | | | | |
| 1-1/4" | | | | | | | | | | |
| 1-1/2" | | | | | | | | | | |
| 2" | | | | | | | | | | |
| 2-1/2" | | | | | | | | | | |
| 3" | | | | | | | | | | |
| 4" | | | | | | | | | | |
| 6" | | | | | | | | | | |
| TN & HCLA...90 SERIES | | | | | | | | | | |
| 1/2" | | | | | | | | | | |
| 3/4" | | | | | | | | | | |
| 1" | | | | | | | | | | |
| 1-1/4" | | | | | | | | | | |
| 1-1/2" | | | | | | | | | | |
| 2" | | | | | | | | | | |
| 2-1/2" | | | | | | | | | | |
| 3" | | | | | | | | | | |
| 4" | | | | | | | | | | |
| 6" | | | | | | | | | | |
| BYV SERIES | | | | | | | | | | |
| 2" | | | | | | | | | | |
| 2-1/2" | | | | | | | | | | |
| 3" | | | | | | | | | | |
| 4" | | | | | | | | | | |
| 6" | | | | | | | | | | |
| 8" | | | | | | | | | | |
| 10" | | | | | | | | | | |
| 12" | | | | | | | | | | |

All actuator sizing based on 80 PSI air. Consult factory for larger sizes - PS Series.
*Torque at end of spring travel.

PNEUMATIC ACTUATORS – PCD/PCS & PSD/PSS SERIES

OPTIONS & ACCESSORIES

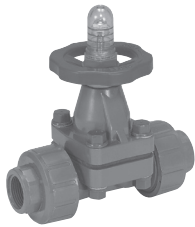
| OPTIONS AND ACCESSORIES ADD TO PRICE OF ACTUATOR | | | |
|---|--|----------|------------|
| | Option | Suffix # | LIST PRICE |
| SOLENOID VALVES* | 2-Way, On / Off Solenoid Valve (C or C2 Positioners)** | A6 | \$350.30 |
| | 3-Way, with integrated Speed Control (PSS, PCS, Spring-Return Actuators) | A9 | \$350.30 |
| | 4-Way, with integrated Speed Control (PSD, PCD, Dual-Acting Actuators) | A8 | \$350.30 |
| | 3-Way, NEMA 7 (PSS, PCS, Spring-Return Actuators) | AA9 | \$518.35 |
| | 4-Way, NEMA 7 (PSD, PCD, Dual-Acting Actuators) | AA8 | \$518.35 |
| | | | |
| VOLTAGE OPTIONS | Voltage 24 VDC | D | \$51.10 |
| | Voltage 24 VAC | F | \$51.10 |
| | Voltage 120 VAC | K | STD |
| | Voltage 240 VAC | L | \$51.10 |
| POSITIONERS | Pneumatic Positioner 3-15 PSI Input | C | \$2,339.15 |
| | Electro/Pneumatic Positioner 4-20 mA Input | C2 | \$3,355.55 |
| | Optional Beacon Positioner Indicator for C or C2 | R2** | \$166.00 |
| | Optional Position Transmitter 4-20 mA Output for C or C2 | R5** | \$1,794.60 |
| | 2 SPDT Mech Switches mounted inside C or C2 | R9 | \$667.40 |
| | 2 SPDT Prox Switches mounted inside C or C2 | R10 | \$729.95 |
| LIMIT SWITCHES | 2 SPDT Mech Switches, Flat Cover, NEMA 4X, 15 Amps Zytel | S2 | \$569.10 |
| | 2 SPDT Mech Switches, Beacon, NEMA 4X, 15 Amps Zytel | S4 | \$650.15 |
| | 2 SPDT Prox Switches, Flat Cover, NEMA 4/7/9, C1D1 3 Amps | SA2 | \$922.10 |
| | 2 SPDT Prox Switches, Beacon, NEMA 4/7/9, C1D1 3 Amps | SA4 | \$1,018.30 |
| MISC. | Speed Control (Spring-Return) | T3 | \$81.15 |
| | Speed Control (Dual-Acting) | T4 | \$159.60 |
| | Air Filter/Regulator | A10 | \$206.80 |
| | 316 Stainless Steel Tags | YSS2 | \$60.90 |

POA = Priced on Availability. Consult factory for pricing and availability.

* Hayward Solenoid Valves include speed-control adjustability and are Listed and/or Recognized by one of more of the following: CSA/C-US, UL, IEC, CE, REACH, ATEX. Consult Factory for specific approvals.

** Must order a C or C2 option in order to add the R2/R5 option or A6 Solenoid Valve.





DAB SERIES DIAPHRAGM VALVES – TRUE UNION

All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator.

For actuator mounted see [page 61](#).

PVC - FPM Diaphragm - FPM Seals

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd | DAB1005UFF | \$225.35 | 1-1/4" | Skt/Thd | DAB1012UFF | \$483.90 |
| 3/4" | Skt/Thd | DAB1007UFF | \$252.90 | 1-1/2" | Skt/Thd | DAB1015UFF | \$483.90 |
| 1" | Skt/Thd | DAB1010UFF | \$316.10 | 2" | Skt/Thd | DAB1020UFF | \$573.40 |

PVC - EPDM Diaphragm - EPDM Seals

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd | DAB1005UEE | \$179.15 | 1-1/4" | Skt/Thd | DAB1012UEE | \$388.50 |
| 3/4" | Skt/Thd | DAB1007UEE | \$203.50 | 1-1/2" | Skt/Thd | DAB1015UEE | \$388.50 |
| 1" | Skt/Thd | DAB1010UEE | \$252.90 | 2" | Skt/Thd | DAB1020UEE | \$459.10 |

PVC - PTFE/EPDM Diaphragm* - FPM Seals

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd | DAB1005UPF | \$342.30 | 1-1/4" | Skt/Thd | DAB1012UPF | \$718.30 |
| 3/4" | Skt/Thd | DAB1007UPF | \$363.55 | 1-1/2" | Skt/Thd | DAB1015UPF | \$743.80 |
| 1" | Skt/Thd | DAB1010UPF | \$493.10 | 2" | Skt/Thd | DAB1020UPF | \$883.10 |

CPVC - FPM Diaphragm - FPM Seals

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd | DAB2005UFF | \$455.25 | 1-1/4" | Skt/Thd | DAB2012UFF | \$874.80 |
| 3/4" | Skt/Thd | DAB2007UFF | \$490.90 | 1-1/2" | Skt/Thd | DAB2015UFF | \$874.80 |
| 1" | Skt/Thd | DAB2010UFF | \$604.70 | 2" | Skt/Thd | DAB2020UFF | \$950.20 |

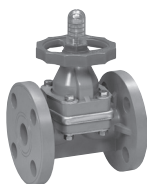
CPVC - EPDM Diaphragm - EPDM Seals

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd | DAB2005UEE | \$348.65 | 1-1/4" | Skt/Thd | DAB2012UEE | \$741.50 |
| 3/4" | Skt/Thd | DAB2007UEE | \$419.50 | 1-1/2" | Skt/Thd | DAB2015UEE | \$741.50 |
| 1" | Skt/Thd | DAB2010UEE | \$462.00 | 2" | Skt/Thd | DAB2020UEE | \$855.25 |

CPVC - PTFE/EPDM Diaphragm* - FPM Seals

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|------------|------------|--------|-----------|------------|------------|
| 1/2" | Skt/Thd | DAB2005UPF | \$517.30 | 1-1/4" | Skt/Thd | DAB2012UPF | \$1,038.15 |
| 3/4" | Skt/Thd | DAB2007UPF | \$550.25 | 1-1/2" | Skt/Thd | DAB2015UPF | \$1,047.40 |
| 1" | Skt/Thd | DAB2010UPF | \$659.30 | 2" | Skt/Thd | DAB2020UPF | \$1,087.30 |

* All PTFE diaphragm valves are available with a PVDF vapor barrier, use Suffix A. See [page 64](#) for adder.



DAB SERIES DIAPHRAGM VALVES – FLANGED

All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator.

For actuator mounted see [page 61](#).

PVC - FPM Diaphragm

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1" | Flanged | DAB1010FFK | \$403.90 | 2-1/2" | Flanged | DAB1025FFK | \$942.30 |
| 1-1/4" | Flanged | DAB1012FFK | \$545.15 | 3" | Flanged | DAB1030FFK | \$1,225.35 |
| 1-1/2" | Flanged | DAB1015FFK | \$545.15 | 4" | Flanged | DAB1040FFK | \$1,664.40 |
| 2" | Flanged | DAB1020FFK | \$676.05 | 6" | Flanged | DAB1060FFK | \$4,313.20 |

PVC - EPDM Diaphragm

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1" | Flanged | DAB1010FEK | \$342.25 | 2-1/2" | Flanged | DAB1025FEK | \$848.45 |
| 1-1/4" | Flanged | DAB1012FEK | \$452.50 | 3" | Flanged | DAB1030FEK | \$1,068.95 |
| 1-1/2" | Flanged | DAB1015FEK | \$452.50 | 4" | Flanged | DAB1040FEK | \$1,520.75 |
| 2" | Flanged | DAB1020FEK | \$612.80 | 6" | Flanged | DAB1060FEK | \$3,447.00 |

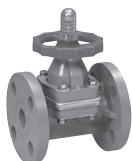
PVC - PTFE/EPDM Diaphragm*

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1" | Flanged | DAB1010FPK | \$542.70 | 2-1/2" | Flanged | DAB1025FPK | \$1,368.85 |
| 1-1/4" | Flanged | DAB1012FPK | \$718.30 | 3" | Flanged | DAB1030FPK | \$1,745.00 |
| 1-1/2" | Flanged | DAB1015FPK | \$788.80 | 4" | Flanged | DAB1040FPK | \$2,274.60 |
| 2" | Flanged | DAB1020FPK | \$908.60 | 6" | Flanged | DAB1060FPK | \$6,032.30 |

CPVC - FPM Diaphragm

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1" | Flanged | DAB2010FFK | \$624.15 | 2-1/2" | Flanged | DAB2025FFK | \$1,635.20 |
| 1-1/4" | Flanged | DAB2012FFK | \$963.40 | 3" | Flanged | DAB2030FFK | \$2,455.10 |
| 1-1/2" | Flanged | DAB2015FFK | \$963.40 | 4" | Flanged | DAB2040FFK | \$3,368.35 |
| 2" | Flanged | DAB2020FFK | \$1,121.70 | | | | |

* All PTFE diaphragm valves are available with a PVDF vapor barrier, use Suffix A. See [page 64](#) for adder.
Flanged DAB Series offered in 1/2" and 3/4" available upon request.



DAB SERIES DIAPHRAGM VALVES – FLANGED (cont.)

All DAB Series Diaphragm Valves are assembled with silicone free lubricant and a highly visible, beacon type position indicator.

For actuator mounted see [page 61](#).

CPVC - EPDM Diaphragm

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1" | Flanged | DAB2010FEK | \$557.10 | 2-1/2" | Flanged | DAB2025FEK | \$1,439.20 |
| 1-1/4" | Flanged | DAB2012FEK | \$748.50 | 3" | Flanged | DAB2030FEK | \$1,893.00 |
| 1-1/2" | Flanged | DAB2015FEK | \$780.05 | 4" | Flanged | DAB2040FEK | \$2,506.80 |
| 2" | Flanged | DAB2020FEK | \$873.35 | | | | |

CPVC - PTFE/EPDM Diaphragm*

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|--------|-----------|------------|------------|--------|-----------|------------|------------|
| 1" | Flanged | DAB2010FPK | \$757.65 | 2-1/2" | Flanged | DAB2025FPK | \$2,312.70 |
| 1-1/4" | Flanged | DAB2012FPK | \$953.75 | 3" | Flanged | DAB2030FPK | \$2,829.20 |
| 1-1/2" | Flanged | DAB2015FPK | \$1,121.30 | 4" | Flanged | DAB2040FPK | \$4,009.80 |
| 2" | Flanged | DAB2020FPK | \$1,269.75 | | | | |

* All PTFE diaphragm valves are available with a PVDF vapor barrier, use Suffix A. See below for adder.
Flanged DAB Series offered in 1/2" and 3/4" available upon request.

PVDF - Vapor Barrier ADDER (For True Union and Flanged, ONLY with PTFE diaphragm)

| SIZE | SUFFIX NO. | LIST PRICE | SIZE | SUFFIX NO. | LIST PRICE |
|-----------------|------------|------------|--------|------------|------------|
| 1/2" | A | \$58.90 | 2-1/2" | A | \$294.85 |
| 3/4" | A | \$67.05 | 3" | A | \$373.55 |
| 1" | A | \$97.75 | 4" | A | \$532.10 |
| 1-1/4" - 1-1/2" | A | \$145.05 | 5" | A | \$887.05 |
| 2" | A | \$182.80 | 6" | A | \$1,356.90 |

*Only for PTFE diaphragms

PNEUMATIC ACTUATORS FOR DIAPHRAGM VALVES

Actuators are Air to Spring, normally closed, or Air to Air. Prices include Actuator and mounting kit only. Valve cost is separate line item. Not available in normally open.

| Air to Spring (Spring-Return) Actuation | | |
|---|----------|------------|
| Size | Part No. | LIST PRICE |
| 1/2" | PSA005 | \$754.80 |
| 3/4" | PSA007 | \$791.90 |
| 1" | PSA010 | \$912.15 |
| 1-1/4" | PSA012 | \$1,186.65 |
| 1-1/2" | PSA015 | \$1,186.65 |
| 2" | PSA020 | \$1,641.55 |
| 2-1/2" | PSA025 | \$1,944.60 |
| 3" | PSA030 | \$1,971.05 |
| 4" | PSA040 | \$2,333.40 |

| Air to Air (Dual-Acting) Actuation | | |
|------------------------------------|----------|------------|
| Size | Part No. | LIST PRICE |
| 1/2" | PDA005 | \$608.30 |
| 3/4" | PDA007 | \$638.30 |
| 1" | PDA010 | \$735.15 |
| 1-1/4" | PDA012 | \$956.35 |
| 1-1/2" | PDA015 | \$956.35 |
| 2" | PDA020 | \$1,262.70 |
| 2-1/2" | PDA025 | \$1,496.00 |
| 3" | PDA030 | \$1,516.25 |
| 4" | PDA040 | \$1,794.95 |

| Pneumatic Options | | |
|--------------------|----------|------------|
| Item | Suffix | LIST PRICE |
| Max Stroke Limiter | L1 | STD |
| Solenoid Valve | A8 (A/A) | \$750.70 |
| Solenoid Valve | A9 (A/S) | \$750.70 |

N/A = Feature Not Applicable.



RV SERIES PRESSURE RELIEF VALVES

All Pressure Relief Valves can be set from 5-75 PSI* and are assembled with silicone free lubricant.

| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-----------|----------|------------|------------|----------|------------|------------|
| | | PART NO. | FPM | EPDM (E) | PART NO. | FPM | EPDM (E) |
| 1/2" | Threaded | RV1050T | \$693.10 | \$677.50 | RV2050T | \$1,016.25 | \$1,000.15 |
| 3/4" | Threaded | RV1075T | \$781.10 | \$762.75 | RV2075T | \$1,145.55 | \$1,126.75 |
| 1"*** | Threaded | RV1100T | \$932.05 | \$915.85 | RV2100T | \$1,363.95 | \$1,329.45 |
| 1-1/2" | Threaded | RV1150T | \$1,207.20 | \$1,182.30 | RV2150T | \$1,770.15 | \$1,748.40 |
| 2"*** | Threaded | RV1200T | \$1,426.90 | \$1,404.95 | RV2200T | \$2,096.20 | \$2,074.80 |

* For set pressures below 25 PSI, add "L" to part number for low pressure spring.

** 1" and 2" Flanged - POA.


*** For Valves to have a Preset Pressure, add part number "SET-PRESSURE1". List Price Adder of \$125.00 per valve to set.

**** Advise pressure set requirements upon ordering. Keep to 1 PSI increments only.



PR SERIES PRESSURE REGULATOR VALVES

All Pressure Regulators have FPM seals, can be set from 5 to 75 PSI with silicone free lubricant.



| PVC | | | CPVC | | |
|--------|-----------|----------|------------|----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/4" | Threaded | PR10025T | \$781.10 | PR20025T | \$1,138.85 |
| 1/2" | Threaded | PR10050T | \$859.35 | PR20050T | \$1,280.65 |
| 3/4" | Threaded | PR10075T | \$1,458.50 | PR20075T | \$2,034.65 |
| 1" | Threaded | PR10100T | \$1,699.50 | PR20100T | \$2,350.60 |
| 1-1/2" | Threaded | PR10150T | \$1,969.00 | PR20150T | \$2,708.90 |



AV SERIES ANGLE GLOBE VALVES

All Angle Globe Valves are assembled with silicone free lubricant and have an FPM o-ring seal and seat. EPDM is available upon request.

PVC

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|--------|-----------|----------|------------|
| 1/4" | Threaded | AV10025T | \$128.25 | 1" | Threaded | AV10100T | \$264.25 |
| 1/2" | Threaded | AV10050T | \$183.50 | 1-1/2" | Threaded | AV10150T | \$419.20 |
| 3/4" | Threaded | AV10075T | \$217.50 | 2" | Threaded | AV10200T | \$599.50 |

CPVC

| SIZE | END CONN. | PART NO. | LIST PRICE | SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|------|-----------|----------|------------|
| 1/4" | Threaded | AV20025T | \$285.25 | 1" | Threaded | AV20100T | \$401.50 |
| 1/2" | Threaded | AV20050T | \$361.25 | - | - | - | - |
| 3/4" | Threaded | AV20075T | \$315.40 | - | - | - | - |

Consult Hayward for EPDM option





SV SERIES TRUE UNION SOLENOID VALVES

SV Series solenoid valves are available in PVC or CPVC. Seals are FPM or EPDM. All sizes are offered with socket and threaded end connections. Standard voltage is 120 VAC. Specify optional voltage of 12 or 24 VAC/VDC or 220VAC. Normally closed only.

| PVC/FPM SEALS | | | |
|---------------|-----------------|------------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 1/2" | Socket/Threaded | SV10050STV | \$617.70 |
| 3/4" | Socket/Threaded | SV10075STV | \$840.25 |
| 1" | Socket/Threaded | SV10100STV | \$919.10 |

| CPVC/FPM SEALS | | | |
|----------------|-----------------|------------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 1/4" | Socket/Threaded | SV20025STV | \$666.50 |
| 1/2" | Socket/Threaded | SV20050STV | \$666.50 |
| 3/4" | Socket/Threaded | SV20075STV | \$904.20 |
| 1" | Socket/Threaded | SV20100STV | \$976.85 |

| PVC/EPDM SEALS | | | |
|----------------|-----------------|------------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 1/2" | Socket/Threaded | SV10050STE | \$602.85 |
| 3/4" | Socket/Threaded | SV10075STE | \$819.00 |
| 1" | Socket/Threaded | SV10100STE | \$892.25 |

| CPVC/EPDM SEALS | | | |
|-----------------|-----------------|------------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 1/4" | Socket/Threaded | SV20025STE | \$648.15 |
| 1/2" | Socket/Threaded | SV20050STE | \$648.15 |
| 3/4" | Socket/Threaded | SV20075STE | \$870.90 |
| 1" | Socket/Threaded | SV20100STE | \$949.75 |



SV SERIES PVDF TRUE UNION SOLENOID VALVES

The SV Series solenoid valves molded in Natural PVDF offered with socket fusion and threaded end connections. Standard voltage is 120 VAC. Specify optional voltage of 12 or 24 VAC/VDC or 220VAC. Normally closed only.

PVDF with FPM O-Rings

| PVDF/FPM SEALS | | | |
|----------------|----------------|-----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 1/2" | Socket Fusion* | SV50050SV | \$815.90 |
| 3/4" | Socket Fusion* | SV50075SV | \$1,080.70 |
| 1" | Socket Fusion* | SV50100SV | \$1,165.55 |

| PVDF/FPM SEALS | | | |
|----------------|-----------|-----------|------------|
| SIZE | END CONN. | PART NO. | LIST PRICE |
| 1/2" | Threaded | SV50050TV | \$815.90 |
| 3/4" | Threaded | SV50075TV | \$1,080.70 |
| 1" | Threaded | SV50100TV | \$1,165.55 |

| SV SERIES VOLTAGE OPTIONS** | | |
|-----------------------------|-----------------|------------|
| OPTION | PART NO. SUFFIX | LIST PRICE |
| 12VAC | 12AD | \$192.25 |
| 24VAC | 24AD | \$192.25 |
| 12VDC | 12AD | \$233.15 |
| 24VDC | 24AD | \$233.15 |
| 220VAC | 220A | \$192.25 |
| 120VAC | - | STD-NC |

*Socket Fusion Ends to IPS sch40/80.
Consult plant for DIN/EN pricing and part number

**Add list price of voltage option
to list price of solenoid valve.



PBV SERIES DIAPHRAGM BACK PRESSURE VALVES

Designed to enhance the performance of chemical feed systems by applying a continuous back pressure to the chemical feed pump, while also acting as an anti-siphon valve. Standard valve has 10 - 150 psi spring range, with PTFE/EPDM diaphragm. Valves with 0 - 50 psi and 10 - 250 psi spring available, as well as with PTFE/FPM diaphragm. Spare Parts and rebuild kits available.



| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|------------|---------------|------------|------------|---------------|------------|------------|
| | | PART NO. | FPM (V1) | EPDM (E1) | PART NO. | FPM (V1) | EPDM (E1) |
| 1/4" | Threaded | PBV1025TP(XX) | \$296.45 | \$296.45 | PBV2025TP(XX) | \$419.10 | \$419.10 |
| 3/8" | Threaded | PBV1037TP(XX) | \$291.10 | \$296.45 | PBV2037TP(XX) | \$419.10 | \$419.10 |
| 1/2" | Threaded | PBV1050TP(XX) | \$322.60 | \$322.60 | PBV2050TP(XX) | \$583.25 | \$583.25 |
| | True Union | PBV1050UP(XX) | \$588.75 | \$599.60 | PBV2050UP(XX) | \$806.05 | \$806.05 |
| | Flanged | PBV1050FP(XX) | \$534.50 | \$534.50 | PBV2050FP(XX) | \$906.40 | \$906.40 |
| 3/4" | Threaded | PBV1075TP(XX) | \$640.40 | \$652.20 | PBV2075TP(XX) | \$832.95 | \$832.95 |
| | True Union | PBV1075UP(XX) | \$701.30 | \$688.60 | PBV2075UP(XX) | \$893.55 | \$893.55 |
| | Flanged | PBV1075FP(XX) | \$753.40 | \$753.40 | PBV2075FP(XX) | \$962.20 | \$962.20 |
| 1" | Threaded | PBV1100TP(XX) | \$842.40 | \$842.40 | PBV2100TP(XX) | \$1,155.35 | \$1,155.35 |
| | True Union | PBV1100UP(XX) | \$905.85 | \$905.85 | PBV2100UP(XX) | \$1,212.30 | \$1,212.30 |
| | Flanged | PBV1100FP(XX) | \$973.10 | \$973.10 | PBV2100FP(XX) | \$1,334.50 | \$1,334.50 |
| 1-1/2" | Threaded | PBV1150TP(XX) | \$1,852.35 | \$1,852.35 | PBV2150TP(XX) | \$2,746.10 | \$2,746.10 |
| | True Union | PBV1150UP(XX) | \$1,955.45 | \$1,955.45 | PBV2150UP(XX) | \$2,999.90 | \$2,999.90 |
| | Flanged | PBV1150FP(XX) | \$2,139.55 | \$2,139.55 | PBV2150FP(XX) | \$3,230.70 | \$3,230.70 |
| 2" | Threaded | PBV1200TP(XX) | \$2,096.25 | \$2,096.25 | PBV2200TP(XX) | \$3,085.80 | \$3,085.80 |
| | True Union | PBV1200UP(XX) | \$2,411.60 | \$2,367.75 | PBV2200UP(XX) | \$3,725.50 | \$3,725.50 |
| | Flanged | PBV1200FP(XX) | \$2,421.35 | \$2,421.35 | PBV2200FP(XX) | \$3,564.35 | \$3,564.35 |
| 3" | Flanged | PBV1300FP(XX) | \$4,408.80 | \$4,328.65 | PBV2300FP(XX) | \$6,388.15 | \$6,388.15 |
| 4" | Flanged | PBV1400FP(XX) | \$4,408.80 | \$4,408.80 | PBV2400FP(XX) | \$6,271.95 | \$6,271.95 |

| SIZE | END CONN. | PP | LIST PRICE | | PVDF | LIST PRICE | |
|--------|-----------|---------------|------------|------------|---------------|------------|------------|
| | | PART NO. | FPM (V1) | EPDM (E1) | PART NO. | FPM (V1) | EPDM (E1) |
| 1/4" | Threaded | PBV3025TP(XX) | POA | \$307.45 | PBV5025TP(XX) | POA | \$625.75 |
| 3/8" | Threaded | PBV3037TP(XX) | POA | \$307.45 | PBV5037TP(XX) | POA | \$625.75 |
| 1/2" | Threaded | PBV3050TP(XX) | POA | \$333.70 | PBV5050TP(XX) | POA | \$928.05 |
| 3/4" | Threaded | PBV3075TP(XX) | POA | \$669.05 | PBV5075TP(XX) | POA | \$1,326.75 |
| 1" | Threaded | PBV3100TP(XX) | POA | \$860.95 | PBV5100TP(XX) | POA | \$1,617.45 |
| 1-1/2" | Threaded | PBV3150TP(XX) | POA | \$1,960.35 | PBV5150TP(XX) | POA | \$4,275.40 |
| 2" | Threaded | PBV3200TP(XX) | POA | \$2,210.05 | PBV5200TP(XX) | POA | \$4,438.25 |
| 3" | Flanged | PBV3300FP(XX) | POA | POA | PBV5300FP(XX) | POA | POA |
| 4" | Flanged | PBV3400FP(XX) | POA | POA | PBV5400FP(XX) | POA | POA |





RPV SERIES DIAPHRAGM PRESSURE RELIEF VALVES

Protects chemical feed systems from damage caused by defective equipment or a blockage in the chemical feed line. Standard valve has 10 - 150 psi spring range, with PTFE/EPDM diaphragm. Valves with 0 - 50 psi and 10 - 250 psi spring available, as well as with PTFE/FPM diaphragm. Spare Parts and rebuild kits available.



| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|------------|---------------|------------|------------|---------------|------------|------------|
| | | PART NO. | FPM (V1) | EPDM (E1) | PART NO. | FPM (V1) | EPDM (E1) |
| 1/4" | Threaded | RPV1025TP(XX) | \$335.55 | \$335.55 | RPV2025TP(XX) | \$468.55 | \$477.25 |
| 3/8" | Threaded | RPV1037TP(XX) | \$329.45 | \$335.55 | RPV2037TP(XX) | \$468.55 | \$477.25 |
| 1/2" | Threaded | RPV1050TP(XX) | \$339.20 | \$339.20 | RPV2050TP(XX) | \$784.70 | \$784.70 |
| | True Union | RPV1050UP(XX) | \$588.75 | \$588.75 | RPV2050UP(XX) | \$806.05 | \$806.05 |
| | Flanged | RPV1050FP(XX) | \$534.50 | \$534.50 | RPV2050FP(XX) | \$923.20 | \$923.20 |
| 3/4" | Threaded | RPV1075TP(XX) | \$702.60 | \$702.60 | RPV2075TP(XX) | \$891.05 | \$907.55 |
| | True Union | RPV1075UP(XX) | \$766.45 | \$766.45 | RPV2075UP(XX) | \$962.00 | \$944.55 |
| | Flanged | RPV1075FP(XX) | \$826.55 | \$811.55 | RPV2075FP(XX) | \$1,048.30 | \$1,048.30 |
| 1" | Threaded | RPV1100TP(XX) | \$905.75 | \$905.75 | RPV2100TP(XX) | \$1,185.20 | \$1,185.20 |
| | True Union | RPV1100UP(XX) | \$988.05 | \$988.05 | RPV2100UP(XX) | \$1,212.30 | \$1,190.25 |
| | Flanged | RPV1100FP(XX) | \$1,065.55 | \$1,065.55 | RPV2100FP(XX) | \$1,369.05 | \$1,369.05 |
| 1-1/2" | Threaded | RPV1150TP(XX) | \$1,818.65 | \$1,852.35 | RPV2150TP(XX) | \$2,796.95 | \$2,796.95 |
| | True Union | RPV1150UP(XX) | \$2,020.65 | \$2,058.10 | RPV2150UP(XX) | \$2,948.55 | \$2,948.55 |
| | Flanged | RPV1150FP(XX) | \$2,139.55 | \$2,139.55 | RPV2150FP(XX) | \$3,230.70 | \$3,230.70 |
| 2" | Threaded | RPV1200TP(XX) | \$2,096.25 | \$2,096.25 | RPV2200TP(XX) | \$3,029.70 | \$3,085.80 |
| | True Union | RPV1200UP(XX) | \$2,367.75 | \$2,367.75 | RPV2200UP(XX) | \$3,725.50 | \$3,725.50 |
| | Flanged | RPV1200FP(XX) | \$2,421.35 | \$2,421.35 | RPV2200FP(XX) | \$3,564.35 | \$3,564.35 |
| 3" | Flanged | RPV1300FP(XX) | \$6,388.15 | \$4,408.80 | RPV2300FP(XX) | \$6,271.95 | \$6,271.95 |
| 4" | Flanged | RPV1400FP(XX) | \$6,388.15 | \$4,328.65 | RPV2400FP(XX) | \$6,271.95 | \$6,388.15 |

| SIZE | END CONN. | PP | LIST PRICE | | PVDF | LIST PRICE | |
|--------|-----------|---------------|------------|------------|---------------|------------|------------|
| | | PART NO. | FPM (V1) | EPDM (E1) | PART NO. | FPM (V1) | EPDM (E1) |
| 1/4" | Threaded | RPV3025TP(XX) | POA | \$348.60 | RPV5025TP(XX) | POA | \$691.50 |
| 3/8" | Threaded | RPV3037TP(XX) | POA | \$348.60 | RPV5037TP(XX) | POA | \$691.50 |
| 1/2" | Threaded | RPV3050TP(XX) | POA | \$607.65 | RPV5050TP(XX) | POA | \$950.45 |
| 3/4" | Threaded | RPV3075TP(XX) | POA | \$695.25 | RPV5075TP(XX) | POA | \$1,356.70 |
| 1" | Threaded | RPV3100TP(XX) | POA | \$916.90 | RPV5100TP(XX) | POA | \$1,682.75 |
| 1-1/2" | Threaded | RPV3150TP(XX) | POA | \$1,924.70 | RPV5150TP(XX) | POA | \$4,275.40 |
| 2" | Threaded | RPV3200TP(XX) | POA | \$2,210.05 | RPV5200TP(XX) | POA | \$4,438.25 |
| 3" | Flanged | RPV3300FP(XX) | POA | POA | RPV5300FP(XX) | POA | POA |
| 4" | Flanged | RPV3400FP(XX) | POA | POA | RPV5400FP(XX) | POA | POA |



CS SERIES CORPORATION STOPS

Ensures that chemical feed systems inject into the center of a process stream for better mixing and to prevent corrosion inside the process pipe. The integral check valve prevents the process fluid from going back up the chemical line. Quill with 45° Bevel. EPDM seals optional.

FPM SEALS, TRUE UNION THREADED AND MNPT

| SIZE | QUILL | PART NO. | LIST PRICE | QUILL | PART NO. | LIST PRICE |
|------|-------|---------------|------------|-------|---------------|------------|
| 1/2" | PVC | CS11050T06BV1 | \$594.40 | CPVC | CS22050T06BV1 | \$615.10 |
| 3/4" | PVC | CS11075T06BV1 | \$628.25 | CPVC | CS22075T06BV1 | \$758.00 |
| 1" | PVC | CS11100T06BV1 | \$682.80 | CPVC | CS22100T06BV1 | \$993.15 |



IV SERIES INJECTION VALVES

The IV Series Injection Valves ensure that chemical feed systems inject into the center of a process stream for better mixing and to prevent corrosion inside the process pipe. The check valve prevents the process fluid from going back up the chemical line. 45° Bevel. EPDM seals optional.

FPM SEALS

PVC

CPVC

PVDF

| SIZE | END CONN. | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
|--------|-----------|-------------|------------|-------------|------------|-------------|------------|
| 1/2" | Threaded | IV1050T04BV | \$332.50 | IV2050T04BV | \$396.65 | IV5050T04BV | \$813.10 |
| 3/4" | Threaded | IV1075T04BV | \$362.60 | IV2075T04BV | \$420.60 | IV5075T04BV | \$1,358.65 |
| 1" | Threaded | IV1100T04BV | \$362.60 | IV2100T04BV | \$420.60 | IV5100T04BV | \$1,358.65 |
| 1-1/2" | Threaded | IV1150T06BV | \$1,185.80 | IV2150T06BV | \$1,612.35 | IV5150T06BV | \$4,713.05 |
| 2" | Threaded | IV1200T06BV | \$1,252.55 | IV2200T06BV | \$1,673.35 | IV5200T06BV | \$5,786.45 |



IQ SERIES INJECTION QUILLS

The IQ Series Injection Quills provide an economic solution for proper injection into chemical feed systems. 45° Bevel.

MNPT

| SIZE | QUILL | PART NO. | LIST PRICE | QUILL | PART NO. | LIST PRICE | QUILL | PART NO. | LIST PRICE |
|------|-------|------------|------------|-------|------------|------------|-------|------------|------------|
| 1/2" | PVC | IQ1050T03B | \$170.25 | CPVC | IQ2050T03B | \$192.30 | PVDF | IQ5050T03B | \$376.60 |
| 3/4" | PVC | IQ1075T03B | \$192.30 | CPVC | IQ2075T03B | \$204.40 | PVDF | IQ5075T03B | \$411.00 |
| 1" | PVC | IQ1100T04B | \$232.50 | CPVC | IQ2100T04B | \$268.50 | PVDF | IQ5100T04B | \$595.80 |

CCS SERIES CALIBRATION CYLINDERS

The CCS Series Calibration Cylinders enhance the performance of a chemical feed system by providing verification of the flow rate with direct mL, GPH readout and a sealed top with overflow connection.



PVC, NPT

| CONN. SIZE | ML | GPH | PART NO. | LIST PRICE |
|------------|-------|-----|--------------|------------|
| 1/2" | 100 | 3.2 | CCS1100100TS | \$159.20 |
| 1/2" | 200 | 6.4 | CCS1100200TS | \$185.95 |
| 1/2" | 300 | 9.6 | CCS1100300TS | \$195.60 |
| 3/4" | 500 | 16 | CCS1100500TS | \$214.60 |
| 3/4" | 1000 | 32 | CCS1101000TS | \$258.65 |
| 1" | 2000 | 64 | CCS1102000TS | \$394.75 |
| 1" | 4000 | 127 | CCS1104000TS | \$549.95 |
| 1-1/2" | 5000 | 160 | CCS1105000TS | \$833.35 |
| 1-1/2" | 7000 | 225 | CCS1107000TS | \$1,049.85 |
| 2" | 10000 | 320 | CCS1110000TS | \$1,252.80 |
| 2" | 15000 | 480 | CCS1115000TS | \$1,371.55 |
| 2" | 20000 | 640 | CCS1120000TS | \$1,501.85 |

Note: Other materials, end connections and configurations are available for PBV, PRV, CS, IV, IQ and CCS Series. Please consult factory.



NVA SERIES NEEDLE VALVES

Hayward Flow Control's NVA Series Needle Valves are now available in CPVC and Natural PVDF. Hayward's Needle Valves are ideal for high purity applications and high temperatures. All Needle Valves are assembled with silicone free lubricant and have an FPM o-ring and a PTFE seat.



PVC

| SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|
| 1/4" | Threaded | NVA1025T | \$125.50 |
| 3/8" | Threaded | NVA1037T | \$144.80 |
| 1/2" | Threaded | NVA1050T | \$144.80 |



CPVC

| SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|
| 1/4" | Threaded | NVA2025T | \$139.55 |
| 3/8" | Threaded | NVA2037T | \$160.85 |
| 1/2" | Threaded | NVA2050T | \$160.85 |



GFPP

| SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|
| 1/4" | Threaded | NVA4025T | \$153.50 |
| 3/8" | Threaded | NVA4037T | \$180.00 |
| 1/2" | Threaded | NVA4050T | \$180.00 |



NATURAL PVDF

| SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|----------|------------|
| 1/4" | Threaded | NVA5025T | \$222.20 |
| 3/8" | Threaded | NVA5037T | \$222.20 |
| 1/2" | Threaded | NVA5050T | \$222.20 |



UNIVERSAL STOPCOCK™

The Universal Stopcock™ has EPDM Seals and is supplied with all the end connectors necessary to make the six different end connection combinations; FPT x FPT, FPT x MPT, FPT x HOSE, MPT x MPT, MPT x HOSE and HOSE x HOSE.. Assembled with silicone free lubricant.

| SIZE | CTN/QTY. | PART NO. | LIST PRICE* |
|------|----------|----------|-------------|
| 1/4" | 24 | LC12 | \$44.85 |

*Price is for one stopcock.

Universal Stopcock™ is a trademark of Hayward Industries, Inc.



Valve certified to
NSF/ANSI 61 & 372

HPD SERIES PULSATION DAMPENERS

HPD Series Pulsation Dampeners are designed to prolong pump and component life. Available in PVC, CPVC and PVDF. PVC and CPVC units include PVC or CVPC lower body and Noryl® upper body. PVDF units include PVDF lower body and PVDF upper body. 1/2" to 1" sizes with Viton®, EPDM, Hypalon or PTFE Bladders. Units include 316 SS charging tee and gauge, aluminum product detail plate.



| SIZE | VOLUME | END CONN. | PVC LOWER HOUSING / NORYL® UPPER HOUSING | | | | |
|------|---------|-----------|--|------------|------------|------------|-------------|
| | | | PART NO. | EPDM (E) | FPM (F) | PTFE (P) | HYPALON (H) |
| 1/2" | 6 in³ | FNPT | HPD105006(X)0T | \$435.80 | \$531.25 | - | \$472.40 |
| | | BSPT | HPD105006(X)0B | \$435.80 | \$531.25 | - | \$472.40 |
| | | Socket | HPD105006(X)US | \$509.40 | \$609.65 | - | \$542.80 |
| | | Flanged | HPD105006(X)0F | \$486.75 | \$572.60 | - | \$524.90 |
| | 10 in³ | FNPT | HPD105010(X)0T | \$478.75 | \$567.85 | \$892.30 | \$494.65 |
| | | BSPT | HPD105010(X)0B | \$478.75 | \$567.85 | \$892.30 | \$494.65 |
| | | Socket | HPD105010(X)US | \$552.35 | \$646.20 | \$997.70 | \$565.10 |
| | | Flanged | HPD105010(X)0F | \$534.40 | \$623.50 | \$954.35 | \$548.75 |
| | 15 in³ | FNPT | HPD105015(X)0T | \$518.50 | \$602.80 | \$913.00 | \$528.05 |
| | | BSPT | HPD105015(X)0B | \$518.50 | \$602.80 | \$913.00 | \$528.05 |
| | | Socket | HPD105015(X)US | \$592.15 | \$681.20 | \$1,013.60 | \$598.50 |
| | | Flanged | HPD105015(X)0F | \$577.35 | \$664.85 | \$992.50 | \$586.90 |
| 3/4" | 29 in³ | FNPT | HPD107029(X)0T | \$647.35 | \$752.35 | \$1,542.80 | \$648.95 |
| | | BSPT | HPD107029(X)0B | \$647.35 | \$752.35 | \$1,542.80 | \$648.95 |
| | | Socket | HPD107029(X)US | \$718.25 | \$834.40 | \$1,637.60 | \$718.25 |
| | | Flanged | HPD107029(X)0F | \$728.50 | \$806.40 | \$1,622.35 | \$738.00 |
| | 42 in³ | FNPT | HPD107042(X)0T | \$679.15 | \$760.25 | \$1,555.50 | \$680.75 |
| | | BSPT | HPD107042(X)0B | \$679.15 | \$760.25 | \$1,555.50 | \$680.75 |
| | | Socket | HPD107042(X)US | \$750.05 | \$842.30 | \$1,651.90 | \$750.05 |
| | | Flanged | HPD107042(X)0F | \$761.90 | \$844.55 | \$1,638.25 | \$757.10 |
| 1" | 36 in³ | FNPT | HPD110036(X)0T | \$790.50 | \$1,051.35 | - | \$892.30 |
| | | BSPT | HPD110036(X)0B | \$790.50 | \$1,051.35 | - | \$892.30 |
| | | Socket | HPD110036(X)US | \$883.00 | \$1,143.85 | - | \$984.80 |
| | | Flanged | HPD110036(X)0F | \$905.00 | \$1,151.55 | - | \$1,010.00 |
| | 80 in³ | FNPT | HPD110080(X)0T | \$833.45 | \$1,095.90 | \$2,264.95 | \$941.60 |
| | | BSPT | HPD110080(X)0B | \$833.45 | \$1,095.90 | \$2,264.95 | \$941.60 |
| | | Socket | HPD110080(X)US | \$925.95 | \$1,188.40 | \$2,499.00 | \$1,034.10 |
| | | Flanged | HPD110080(X)0F | \$943.20 | \$1,185.00 | \$2,347.65 | \$1,054.50 |
| | 125 in³ | FNPT | HPD110125(X)0T | \$968.65 | \$1,332.85 | \$2,304.70 | \$1,040.25 |
| | | BSPT | HPD110125(X)0B | \$968.65 | \$1,332.85 | \$2,304.70 | \$1,040.25 |
| | | Socket | HPD110125(X)US | \$1,061.20 | \$1,425.40 | \$2,565.85 | \$1,132.75 |
| | | Flanged | HPD110125(X)0F | \$1,086.35 | \$1,434.65 | \$2,401.70 | \$1,157.90 |

HPD SERIES PULSATION DAMPENERS (CONT.)

HPD Series Pulsation Dampeners are designed to prolong pump and component life. Available in PVC, CPVC and PVDF. PVC and CPVC units include PVC or CPVC lower body and Noryl® upper body. PVDF units include PVDF lower body and PVDF upper body. 1/2" to 1" sizes with Viton®, EPDM, Hypalon or PTFE Bladders. Units include 316 SS charging tee and gauge, aluminum product detail plate.



| SIZE | VOLUME | END CONN. | CPVC LOWER HOUSING / NORYL® UPPER HOUSING | | | | |
|------|---------------------|-----------|---|------------|------------|------------|-------------|
| | | | PART NO. | EPDM (E) | FPM (F) | PTFE (P) | HYPALON (H) |
| 1/2" | 6 in ³ | FNPT | HPD205006(X)0T | \$625.55 | \$695.05 | - | \$662.15 |
| | | BSPT | HPD205006(X)0B | \$625.55 | \$695.05 | - | \$662.15 |
| | | Socket | HPD205006(X)US | \$758.15 | \$827.65 | - | \$800.25 |
| | | Flanged | HPD205006(X)0F | \$768.25 | \$799.30 | - | \$804.85 |
| | 10 in ³ | FNPT | HPD205010(X)0T | \$726.20 | \$795.70 | \$1,057.25 | \$717.00 |
| | | BSPT | HPD205010(X)0B | \$726.20 | \$795.70 | \$1,057.25 | \$717.00 |
| | | Socket | HPD205010(X)US | \$858.80 | \$928.25 | \$1,202.65 | \$855.10 |
| | | Flanged | HPD205010(X)0F | \$887.15 | \$945.65 | \$1,192.60 | \$859.70 |
| | 15 in ³ | FNPT | HPD205015(X)0T | \$812.10 | \$872.50 | \$1,071.85 | \$744.45 |
| | | BSPT | HPD205015(X)0B | \$812.10 | \$872.50 | \$1,071.85 | \$744.45 |
| | | Socket | HPD205015(X)US | \$944.75 | \$1,005.10 | \$1,217.25 | \$882.55 |
| | | Flanged | HPD205015(X)0F | \$985.90 | \$1,031.65 | \$1,225.50 | \$914.55 |
| 3/4" | 29 in ³ | FNPT | HPD207029(X)0T | \$927.35 | \$1,064.55 | \$1,984.60 | \$998.70 |
| | | BSPT | HPD207029(X)0B | \$927.35 | \$1,064.55 | \$1,984.60 | \$998.70 |
| | | Socket | HPD207029(X)US | \$1,081.80 | \$1,220.85 | \$2,250.60 | \$1,138.50 |
| | | Flanged | HPD207029(X)0F | \$1,102.95 | \$1,177.95 | \$2,138.20 | \$1,188.90 |
| | 42 in ³ | FNPT | HPD207042(X)0T | \$987.75 | \$1,203.55 | \$2,021.20 | \$1,042.60 |
| | | BSPT | HPD207042(X)0B | \$987.75 | \$1,203.55 | \$2,021.20 | \$1,042.60 |
| | | Socket | HPD207042(X)US | \$1,142.20 | \$1,359.85 | \$2,283.60 | \$1,182.45 |
| | | Flanged | HPD207042(X)0F | \$1,168.80 | \$1,329.75 | \$2,185.80 | \$1,216.35 |
| 1" | 36 in ³ | FNPT | HPD210036(X)0T | \$951.15 | \$1,207.25 | - | \$1,015.15 |
| | | BSPT | HPD210036(X)0B | \$951.15 | \$1,207.25 | - | \$1,015.15 |
| | | Socket | HPD210036(X)US | \$1,090.00 | \$1,386.30 | - | \$1,197.95 |
| | | Flanged | HPD210036(X)0F | \$1,190.75 | \$1,377.35 | - | \$1,249.30 |
| | 80 in ³ | FNPT | HPD210080(X)0T | \$1,444.05 | \$1,802.00 | \$3,591.70 | \$1,611.95 |
| | | BSPT | HPD210080(X)0B | \$1,444.05 | \$1,802.00 | \$3,591.70 | \$1,611.95 |
| | | Socket | HPD210080(X)US | \$1,631.50 | \$2,043.70 | \$4,011.15 | \$1,858.60 |
| | | Flanged | HPD210080(X)0F | \$1,703.25 | \$2,004.45 | \$3,821.25 | \$1,888.45 |
| | 125 in ³ | FNPT | HPD210125(X)0T | \$1,594.70 | \$2,283.40 | \$3,683.05 | \$1,740.30 |
| | | BSPT | HPD210125(X)0B | \$1,594.70 | \$2,283.40 | \$3,683.05 | \$1,740.30 |
| | | Socket | HPD210125(X)US | \$1,782.05 | \$2,525.10 | \$4,383.90 | \$1,986.95 |
| | | Flanged | HPD210125(X)0F | \$1,873.60 | \$2,535.15 | \$3,937.30 | \$2,024.20 |

HPD SERIES PULSATION DAMPENERS (CONT.)

HPD Series Pulsation Dampeners are designed to prolong pump and component life. Available in PVC, CPVC and PVDF. PVC and CPVC units include PVC or CVPC lower body and Noryl® upper body. PVDF units include PVDF lower body and PVDF upper body. 1/2" to 1" sizes with Viton®, EPDM, Hypalon or PTFE Bladders. Units include 316 SS charging tee and gauge, aluminum product detail plate.



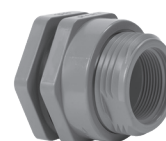
| SIZE | VOLUME | END CONN. | PVDF LOWER HOUSING / PVDF UPPER HOUSING | | | | |
|------|---------------------|-----------|---|------------|------------|------------|-------------|
| | | | PART NO. | EPDM (E) | FPM (F) | PTFE (P) | HYPALON (H) |
| 1/2" | 6 in ³ | FNPT | HPD505006(X)0T | \$1,250.20 | \$1,456.95 | - | \$1,361.50 |
| | | BSPT | HPD505006(X)0B | \$1,250.20 | \$1,456.95 | - | \$1,361.50 |
| | | Socket | HPD505006(X)US | \$2,299.90 | \$2,509.85 | - | \$2,411.25 |
| | | Flanged | HPD505006(X)0F | \$1,924.55 | \$2,115.45 | - | \$2,007.30 |
| | 10 in ³ | FNPT | HPD505010(X)0T | \$1,463.30 | \$1,616.00 | \$1,953.15 | \$1,507.85 |
| | | BSPT | HPD505010(X)0B | \$1,463.30 | \$1,616.00 | \$1,953.15 | \$1,507.85 |
| | | Socket | HPD505010(X)US | \$2,516.20 | \$2,665.75 | \$2,850.20 | \$2,560.80 |
| | | Flanged | HPD505010(X)0F | \$2,121.80 | \$2,274.45 | \$2,595.75 | \$2,166.30 |
| | 15 in ³ | FNPT | HPD505015(X)0T | \$1,523.85 | \$1,760.90 | \$1,939.45 | \$1,647.00 |
| | | BSPT | HPD505015(X)0B | \$1,523.85 | \$1,760.90 | \$1,939.45 | \$1,647.00 |
| | | Socket | HPD505015(X)US | \$2,542.85 | \$2,776.80 | \$2,807.55 | \$2,662.85 |
| | | Flanged | HPD505015(X)0F | \$2,161.05 | \$2,382.70 | \$2,576.70 | \$2,284.20 |
| 3/4" | 29 in ³ | FNPT | HPD507029(X)0T | \$1,567.80 | \$1,799.60 | \$3,244.70 | \$1,712.35 |
| | | BSPT | HPD507029(X)0B | \$1,567.80 | \$1,799.60 | \$3,244.70 | \$1,712.35 |
| | | Socket | HPD507029(X)US | \$2,336.70 | \$2,565.80 | \$4,100.90 | \$2,481.25 |
| | | Flanged | HPD507029(X)0F | \$2,263.10 | \$2,473.05 | \$3,918.20 | \$2,385.80 |
| | 42 in ³ | FNPT | HPD507042(X)0T | \$1,712.35 | \$1,960.45 | \$3,372.85 | \$1,843.20 |
| | | BSPT | HPD507042(X)0B | \$1,712.35 | \$1,960.45 | \$3,372.85 | \$1,843.20 |
| | | Socket | HPD507042(X)US | \$2,481.25 | \$2,729.35 | \$4,218.10 | \$2,612.15 |
| | | Flanged | HPD507042(X)0F | \$2,372.15 | \$2,633.95 | \$4,046.35 | \$2,516.70 |
| 1" | 36 in ³ | FNPT | HPD510036(X)0T | \$1,810.50 | \$2,094.05 | - | \$1,955.00 |
| | | BSPT | HPD510036(X)0B | \$1,810.50 | \$2,094.05 | - | \$1,955.00 |
| | | Socket | HPD510036(X)US | \$3,612.80 | \$3,896.40 | - | \$3,683.70 |
| | | Flanged | HPD510036(X)0F | \$2,726.65 | \$2,991.15 | - | \$2,871.15 |
| | 80 in ³ | FNPT | HPD510080(X)0T | \$2,952.95 | \$3,465.60 | \$4,485.35 | \$3,010.20 |
| | | BSPT | HPD510080(X)0B | \$2,952.95 | \$3,465.60 | \$4,485.35 | \$3,010.20 |
| | | Socket | HPD510080(X)US | \$3,852.75 | \$4,365.40 | \$5,526.90 | \$3,910.00 |
| | | Flanged | HPD510080(X)0F | \$3,869.10 | \$4,359.90 | \$5,382.40 | \$3,907.25 |
| | 125 in ³ | FNPT | HPD510125(X)0T | \$4,008.15 | \$4,520.80 | \$4,785.25 | \$4,065.45 |
| | | BSPT | HPD510125(X)0B | \$4,008.15 | \$4,520.80 | \$4,785.25 | \$4,065.45 |
| | | Socket | HPD510125(X)US | \$4,910.70 | \$5,423.30 | \$5,826.80 | \$4,967.90 |
| | | Flanged | HPD510125(X)0F | \$4,924.30 | \$5,483.25 | \$5,701.40 | \$4,962.50 |

BFAS SERIES BULKHEAD FITTINGS - SHORT PATTERN

Bulkhead Fittings are used to make quick and easy piping connections to tanks.
PVC / EPDM 1/2" - 3" NSF/ANSI61 listed.



PVC/EPDM 1/2" - 3"



| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | |
|--------|-------------|---------------|------------|-----------|---------------|------------|-----------|
| | | PART NO. | FPM (FS) | EPDM (ES) | PART NO. | FPM (FS) | EPDM (ES) |
| 1/2" | Skt. x Thd. | BFAS1005C(XX) | \$42.60 | \$26.70 | BFAS2005C(XX) | \$51.75 | \$35.85 |
| | Thd. x Thd. | BFAS1005T(XX) | \$50.15 | \$34.25 | N/A | | |
| 3/4" | Skt. x Thd. | BFAS1007C(XX) | \$45.85 | \$29.40 | BFAS2007C(XX) | \$58.60 | \$42.40 |
| | Thd. x Thd. | BFAS1007T(XX) | \$53.80 | \$37.75 | N/A | | |
| 1" | Skt. x Thd. | BFAS1010C(XX) | \$52.30 | \$32.25 | BFAS2010C(XX) | \$68.35 | \$48.55 |
| | Thd. x Thd. | BFAS1010T(XX) | \$60.70 | \$40.80 | N/A | | |
| 1-1/4" | Skt. x Thd. | BFAS1012C(XX) | \$62.60 | \$42.80 | BFAS2012C(XX) | \$68.95 | \$52.95 |
| | Thd. x Thd. | BFAS1012T(XX) | \$73.40 | \$55.20 | N/A | | |
| 1-1/2" | Skt. x Thd. | BFAS1015C(XX) | \$62.60 | \$42.80 | BFAS2015C(XX) | \$85.80 | \$66.00 |
| | Thd. x Thd. | BFAS1015T(XX) | \$78.45 | \$58.60 | N/A | | |
| 2" | Skt. x Thd. | BFAS1020C(XX) | \$103.55 | \$63.55 | BFAS2020C(XX) | \$133.35 | \$93.30 |
| | Thd. x Thd. | BFAS1020T(XX) | \$118.50 | \$78.05 | N/A | | |
| 3" | Skt. x Thd. | BFAS1030C(XX) | \$184.75 | \$118.80 | BFAS2030C(XX) | \$231.60 | \$163.80 |
| | Thd. x Thd. | BFAS1030T(XX) | \$204.40 | \$138.40 | N/A | | |
| 4" | Skt. x Thd. | BFAS1040C(XX) | \$474.90 | \$226.75 | BFAS2040C(XX) | \$517.15 | \$275.80 |
| | Thd. x Thd. | BFAS1040T(XX) | \$501.85 | \$253.50 | BFAS2040T(XX) | \$545.95 | \$309.35 |



| SIZE | END CONN. | GFPP / EPDM | | PP | | LIST PRICE | |
|--------|-------------|-------------|------------|---------------|----------|------------|--|
| | | PART NO. | LIST PRICE | PART NO. | FPM (FS) | EPDM (ES) | |
| 1/2" | Thd. x Thd. | BFAS4005TES | \$22.65 | BFAS3005T(XX) | \$62.30 | \$47.25 | |
| 3/4" | Thd. x Thd. | BFAS4007TES | \$22.65 | BFAS3007T(XX) | \$72.60 | \$56.60 | |
| 1" | Thd. x Thd. | BFAS4010TES | \$27.40 | BFAS3010T(XX) | \$93.40 | \$72.60 | |
| 1-1/4" | Thd. x Thd. | BFAS4012TES | \$36.40 | BFAS3012T(XX) | \$112.85 | \$92.40 | |
| 1-1/2" | Thd. x Thd. | BFAS4015TES | \$36.40 | BFAS3015T(XX) | \$112.85 | \$92.40 | |
| 2" | Thd. x Thd. | BFAS4020TES | \$54.00 | BFAS3020T(XX) | \$184.30 | \$143.45 | |
| 3" | Thd. x Thd. | BFAS4030TES | \$101.20 | BFAS3030T(XX) | \$329.65 | \$288.10 | |
| 4" | Thd. x Thd. | BFAS4040TES | \$198.75 | BFAS3040T(XX) | \$580.40 | \$538.85 | |

BULKHEAD FITTINGS
& TANK ACCESSORIES

BFA SERIES BULKHEAD FITTINGS STANDARD FLANGE

Bulkhead Fittings are used to make quick and easy piping connections to tanks.



| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | | PP | LIST PRICE | |
|--------|--------------|--------------|-------------|--------------|--------------|-------------|--------------|--------------|-------------|--------------|
| | | PART NO. | FPM (FS) | EPDM (ES) | PART NO. | FPM (FS) | EPDM (ES) | PART NO. | FPM (FS) | EPDM (ES) |
| 1/2" | Skt. x Thd. | BFA1005C(XX) | \$42.60 | \$26.70 | BFA2005C(XX) | \$51.75 | \$35.85 | N/A | - | - |
| | Skt. x Skt. | BFA1005S(XX) | \$42.60 | \$26.70 | BFA2005S(XX) | \$51.75 | \$35.85 | N/A | - | - |
| | Thd. x Thd. | BFA1005T(XX) | \$50.15 | \$34.25 | BFA2005T(XX) | \$64.90 | \$45.20 | BFA3005T(XX) | \$62.30 | \$47.25 |
| 3/4" | Skt. x Thd. | BFA1007C(XX) | \$45.85 | \$29.40 | BFA2007C(XX) | \$58.60 | \$52.65 | N/A | | |
| | Skt. x Skt. | BFA1007S(XX) | \$45.85 | \$29.40 | BFA2007S(XX) | \$58.60 | \$42.40 | N/A | | |
| | Thd. x Thd. | BFA1007T(XX) | \$53.80 | \$37.75 | BFA2007T(XX) | \$73.00 | \$42.40 | BFA3007T(XX) | \$72.60 | \$56.60 |
| 1" | Skt. x Thd. | BFA1010C(XX) | \$52.30 | \$32.25 | BFA2010C(XX) | \$68.35 | \$48.55 | N/A | | |
| | Skt. x Skt. | BFA1010S(XX) | \$52.30 | \$32.25 | BFA2010S(XX) | \$68.35 | \$48.55 | N/A | | |
| | Thd. x Thd. | BFA1010T(XX) | \$60.70 | \$40.80 | BFA2010T(XX) | \$77.85 | \$57.95 | BFA3010T(XX) | \$93.40 | \$72.60 |
| 1-1/4" | Skt. x Thd. | BFA1012C(XX) | \$62.60 | \$42.80 | BFA2012C(XX) | \$85.80 | \$66.00 | N/A | | |
| | Skt. x Skt. | BFA1012S(XX) | \$62.60 | \$42.80 | BFA2012S(XX) | \$85.80 | \$66.00 | N/A | | |
| | Thd. x Thd. | BFA1012T(XX) | \$73.40 | \$55.20 | BFA2012T(XX) | \$115.40 | \$89.05 | BFA3012T(XX) | \$112.85 | \$92.40 |
| 1-1/2" | Skt. x Thd. | BFA1015C(XX) | \$62.60 | \$42.80 | BFA2015C(XX) | \$85.80 | \$66.00 | N/A | | |
| | Skt. x Skt. | BFA1015S(XX) | \$62.60 | \$42.80 | BFA2015S(XX) | \$85.80 | \$66.00 | N/A | | |
| | Thd. x Thd. | BFA1015T(XX) | \$78.45 | \$58.60 | BFA2015T(XX) | \$115.40 | \$89.05 | BFA3015T(XX) | \$112.85 | \$92.40 |
| 2" | Skt. x Thd. | BFA1020C(XX) | \$103.55 | \$63.55 | BFA2020C(XX) | \$133.35 | \$93.30 | N/A | | |
| | Skt. x Skt. | BFA1020S(XX) | \$103.55 | \$63.55 | BFA2020S(XX) | \$133.35 | \$93.30 | N/A | | |
| | Thd. x Thd. | BFA1020T(XX) | \$118.50 | \$78.05 | BFA2020T(XX) | \$150.40 | \$110.80 | BFA3020T(XX) | \$184.30 | \$143.45 |
| 3" | Skt. x Thd. | BFA1030C(XX) | \$186.50 | \$118.80 | BFA2030C(XX) | \$231.60 | \$163.80 | N/A | | |
| | Skt. x Skt. | BFA1030S(XX) | \$186.50 | \$118.80 | BFA2030S(XX) | \$231.60 | \$163.80 | N/A | | |
| | Thd. x Thd. | BFA1030T(XX) | \$206.40 | \$138.40 | BFA2030T(XX) | \$262.60 | \$190.80 | BFA3030T(XX) | \$329.65 | \$288.10 |
| 4" | Skt. x Thd. | BFA1040C(XX) | \$479.60 | \$233.55 | BFA2040C(XX) | \$517.15 | \$275.80 | N/A | | |
| | Skt. x Skt. | BFA1040S(XX) | \$479.60 | \$233.55 | BFA2040S(XX) | \$517.15 | \$275.80 | N/A | | |
| | Thd. x Thd. | BFA1040T(XX) | \$506.75 | \$261.10 | BFA2040T(XX) | \$556.30 | \$303.25 | BFA3040T(XX) | \$580.40 | \$538.85 |
| 6" | Skt. x Thd. | BFA1060C(XX) | \$933.55 | \$609.95 | BFA2060C(XX) | \$1,516.85 | \$819.15 | N/A | | |
| | Skt. x Skt. | BFA1060S(XX) | \$933.55 | \$609.95 | BFA2060S(XX) | \$1,516.85 | \$819.15 | N/A | | |
| | Thd. x Thd. | BFA1060T(XX) | \$933.55 | \$609.95 | BFA2060T(XX) | \$1,516.85 | \$819.15 | BFA3060T(XX) | \$1,515.75 | \$818.55 |

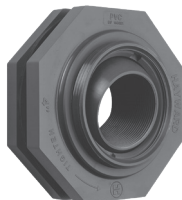


BFA SERIES BULKHEAD FITTINGS LARGE FLANGE

Bulkhead Fittings are used to make quick and easy piping connections to tanks.



| SIZE | END CONN. | PVC | LIST PRICE | | CPVC | LIST PRICE | | PP | LIST PRICE | |
|------|-------------|--------------|------------|-----------|--------------|------------|-----------|--------------|------------|-----------|
| | | PART NO. | FPM (FL) | EPDM (EL) | PART NO. | FPM (FL) | EPDM (EL) | PART NO. | FPM (FL) | EPDM (EL) |
| 1/2" | Skt. x Thd. | BFA1005C(XX) | \$53.55 | \$36.55 | BFA2005C(XX) | \$71.55 | \$49.80 | N/A | - | - |
| | Skt. x Skt. | BFA1005S(XX) | \$53.55 | \$36.55 | BFA2005S(XX) | \$71.55 | \$49.80 | N/A | - | - |
| | Thd. x Thd. | BFA1005T(XX) | \$53.55 | \$36.55 | BFA2005T(XX) | \$71.55 | \$49.80 | BFA3005T(XX) | \$65.30 | \$50.75 |
| 3/4" | Skt. x Thd. | BFA1007C(XX) | \$57.65 | \$39.90 | BFA2007C(XX) | \$80.10 | \$57.85 | N/A | - | - |
| | Skt. x Skt. | BFA1007S(XX) | \$57.65 | \$39.90 | BFA2007S(XX) | \$80.10 | \$57.85 | N/A | - | - |
| | Thd. x Thd. | BFA1007T(XX) | \$57.65 | \$39.90 | BFA2007T(XX) | \$80.10 | \$57.85 | BFA3007T(XX) | \$76.20 | \$60.55 |
| 1" | Skt. x Thd. | BFA1010C(XX) | \$64.80 | \$43.40 | BFA2010C(XX) | \$85.55 | \$64.00 | N/A | - | - |
| | Skt. x Skt. | BFA1010S(XX) | \$64.80 | \$43.40 | BFA2010S(XX) | \$85.55 | \$64.00 | N/A | - | - |
| | Thd. x Thd. | BFA1010T(XX) | \$64.80 | \$43.40 | BFA2010T(XX) | \$85.55 | \$64.00 | BFA3010T(XX) | \$99.55 | \$77.60 |



SF SERIES SELF-ALIGNING BULKHEAD FITTINGS

Self-aligning Bulkhead Fittings are used to make piping connections to the top of domed tanks. Made with EPDM gaskets. Other sizes upon request, contact Hayward for availability and pricing.

| SIZE | END CONN. | PVC | LIST PRICE | |
|------|-----------------|----------|------------|----------|
| | | PART NO. | EPDM | FPM (V) |
| 1" | Thread x Thread | SF10100T | \$212.45 | \$245.35 |
| 2" | Thread x Thread | SF10200T | \$322.35 | \$366.45 |
| 3" | Thread x Thread | SF10300T | \$498.75 | \$556.95 |



AR SERIES AIR RELEASE VALVES

Air release valves have FPM seals and are assembled with silicone-free lubricant. They mount to 3/4" threaded pipe for easy installation on to a tank.

| SIZE | END CONN. | PART NO. | LIST PRICE |
|------|-----------|-----------|------------|
| 3/4" | Skt./Thd. | AR10075ST | \$406.75 |



"READY FLANGES"*

Easily converts threaded or socket IPS end connections. Conforms to ANSI 150# bolt pattern. Now available with PN10 or JIS 10K flange patterns.

**PVC and CPVC are socket by default. GFPP is NPT thread.

| SIZE | END CONN. | PVC | | CPVC | | GFPP | |
|--------|-----------|--------------|------------|--------------|------------|--------------|------------|
| | | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1" | Socket | BVX1A100PGN | \$37.65 | BVX2A100PGN | \$42.35 | - | - |
| | Threaded | BVX1A100PGNT | \$37.65 | BVX2A100PGNT | \$42.35 | BVX4A100PGNT | \$39.75 |
| 1-1/2" | Socket | BVX1A150PGN | \$56.25 | BVX2A150PGN | \$63.35 | - | - |
| | Threaded | BVX1A150PGNT | \$56.25 | BVX2A150PGNT | \$63.35 | BVX4A150PGNT | \$59.35 |
| 2" | Socket | BVX1A200PGN | \$68.55 | BVX2A200PGN | \$77.30 | - | - |
| | Threaded | BVX1A200PGNT | \$68.55 | BVX2A200PGNT | \$77.30 | BVX4A200PGNT | \$72.55 |
| 3" | Socket | BVX1A300PGN | \$168.75 | BVX2A300PGN | \$192.20 | - | - |
| | Threaded | BVX1A300PGNT | \$168.75 | BVX2A300PGNT | \$192.20 | BVX4A300PGNT | \$182.30 |
| 4" | Socket | BVX1A400PGN | \$237.30 | BVX2A400PGN | \$270.20 | - | - |
| | Threaded | BVX1A400PGNT | \$237.30 | BVX2A400PGNT | \$270.20 | BVX4A400PGNT | \$256.05 |

| SIZE | END CONN. | GFPP - PLATINUM | | PVDF | |
|--------|-----------|-----------------|------------|--------------|------------|
| | | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1" | Socket | - | - | BVX5A100PGN | POA |
| | Threaded | BVX4PA100PGNT | \$39.75 | BVX5A100PGNT | POA |
| 1-1/2" | Socket | - | - | BVX5A150PGN | POA |
| | Threaded | BVX4PA150PGNT | \$59.35 | BVX5A150PGNT | POA |
| 2" | Socket | - | - | BVX5A200PGN | POA |
| | Threaded | BVX4PA200PGNT | \$72.55 | BVX5A200PGNT | POA |
| 3" | Socket | - | - | BVX5A300PGN | POA |
| | Threaded | BVX4PA300PGNT | \$182.30 | BVX5A300PGNT | POA |
| 4" | Socket | - | - | BVX5A400PGN | POA |
| | Threaded | BVX4PA400PGNT | \$256.05 | BVX5A400PGNT | POA |



SB SERIES SIMPLEX BASKET STRAINERS

All Simplex Basket Strainers are assembled with silicone free lubricant.

Each Simplex Basket Strainer includes one plastic basket. If perforation is not specified, then standard basket perforation* will be shipped.

HDPE Transition Fittings available for select sizes, see [page 17](#).

For 316 SSTL basket options, see [page 77](#).



| SIZE | END CONN. | PVC LIST PRICE | | | CPVC LIST PRICE | | | EASTAR® LIST PRICE | | |
|--------|-----------|----------------|------------|------------|-----------------|-------------|------------|--------------------|------------|------------|
| | | PART NO. | FPM | EPDM (E) | PART NO. | FPM | EPDM (E) | PART NO. | FPM | EPDM (E) |
| 1/2" | Skt/Thd** | SB1050ST(X) | \$445.00 | \$422.80 | SB2050ST(X) | \$712.70 | \$678.45 | SBC050ST(X) | \$504.20 | \$478.90 |
| | Flanged | SB1050F(X) | \$511.55 | \$487.15 | SB2050F(X) | \$781.55 | \$742.40 | SBC050F(X) | \$580.30 | \$552.50 |
| 3/4" | Skt/Thd** | SB1075ST(X) | \$445.00 | \$422.80 | SB2075ST(X) | \$712.70 | \$678.45 | SBC075ST(X) | \$504.20 | \$478.90 |
| | Flanged | SB1075F(X) | \$511.55 | \$487.15 | SB2075F(X) | \$781.55 | \$742.40 | SBC075F(X) | \$580.30 | \$552.50 |
| 1" | Skt/Thd** | SB1100ST(X) | \$445.00 | \$422.80 | SB2100ST(X) | \$712.70 | \$678.45 | SBC100ST(X) | \$504.20 | \$478.90 |
| | Flanged | SB1100F(X) | \$511.55 | \$487.15 | SB2100F(X) | \$781.55 | \$742.40 | SBC100F(X) | \$580.30 | \$552.50 |
| 1-1/4" | Skt/Thd** | SB1125ST(X) | \$767.40 | \$730.05 | SB2125ST(X) | \$1,269.20 | \$1,207.70 | SBC125ST(X) | \$870.55 | \$827.40 |
| | Flanged | SB1125F(X) | \$912.05 | \$867.55 | SB2125F(X) | \$1,429.60 | \$1,358.80 | SBC125F(X) | \$1,033.50 | \$983.20 |
| 1-1/2" | Skt/Thd** | SB1150ST(X) | \$767.40 | \$730.05 | SB2150ST(X) | \$1,269.20 | \$1,207.70 | SBC150ST(X) | \$870.55 | \$827.40 |
| | Flanged | SB1150F(X) | \$912.05 | \$867.55 | SB2150F(X) | \$1,429.60 | \$1,358.80 | SBC150F(X) | \$1,033.50 | \$983.20 |
| 2" | Skt/Thd** | SB1200ST(X) | \$767.40 | \$730.05 | SB2200ST(X) | \$1,269.20 | \$1,207.70 | SBC200ST(X) | \$870.55 | \$827.40 |
| | Flanged | SB1200F(X) | \$912.05 | \$867.55 | SB2200F(X) | \$1,429.60 | \$1,358.80 | SBC200F(X) | \$1,033.50 | \$983.20 |
| 2-1/2" | Threaded | SB1250T(X) | \$1,962.25 | \$1,864.20 | SB2250T(X) | \$2,813.00 | \$2,673.60 | N/A | - | - |
| | Socket | SB1250S(X) | \$1,962.25 | \$1,864.20 | SB2250S(X) | \$2,813.00 | \$2,673.60 | N/A | - | - |
| | Flanged | SB1250F(X) | \$2,177.35 | \$2,068.30 | SB2250F(X) | \$3,554.15 | \$3,377.20 | N/A | - | - |
| 3" | Threaded | SB1300T(X) | \$1,962.25 | \$1,864.20 | SB2300T(X) | \$2,813.00 | \$2,673.60 | SBC300T(X) | \$2,226.30 | \$2,115.65 |
| | Socket | SB1300S(X) | \$1,962.25 | \$1,864.20 | SB2300S(X) | \$2,813.00 | \$2,673.60 | SBC300S(X) | \$2,226.30 | \$2,115.65 |
| | Flanged | SB1300F(X) | \$2,230.20 | \$2,118.85 | SB2300F(X) | \$3,620.95 | \$3,441.80 | SBC300F(X) | \$2,527.30 | \$2,403.85 |
| 4" | Threaded | SB1400T(X) | \$1,962.25 | \$1,864.20 | SB2400T(X) | \$2,813.00 | \$2,673.60 | SBC400T(X) | \$2,226.30 | \$2,115.65 |
| | Socket | SB1400S(X) | \$1,962.25 | \$1,864.20 | SB2400S(X) | \$2,813.00 | \$2,673.60 | SBC400S(X) | \$2,226.30 | \$2,115.65 |
| | Flanged | SB1400F(X) | \$2,460.40 | \$2,353.35 | SB2400F(X) | \$3,741.60 | \$3,556.30 | SBC400F(X) | \$2,788.35 | \$2,652.30 |
| 6" | Flanged | SB1600FT(X) | \$5,630.40 | \$5,349.20 | SB2600FT(X) | \$7,710.00 | \$7,324.70 | N/A | - | - |
| 8" | Flanged | SB1800FT(X) | \$7,417.30 | \$7,047.45 | SB2800FT(X) | \$10,158.45 | \$9,650.50 | N/A | - | - |

* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".

** 1/2" thru 2" Basket Strainers are supplied with both socket and threaded end connectors. For extra or replacement baskets, see [page 79](#).

SB SERIES SIMPLEX BASKET STRAINERS (CONT.)

All Simplex Basket Strainers are assembled with silicone free lubricant.

Each Simplex Basket Strainer includes one plastic basket. If perforation is not specified, then standard basket perforation* will be shipped.

HDPE Transition Fittings available for select sizes, see [page 17](#).

For 316 SSTL basket options, see [page 77](#).



| SIZE | END CONN. | GFPP / FPM | | PLATINUM GFPP / FPM | | PVDF / FPM | |
|--------|------------|------------|--------------|---------------------|--------------|------------|--------------|
| | | PART NO. | LIST PRICE** | PART NO. | LIST PRICE** | PART NO. | LIST PRICE** |
| 1/2" | Threaded | SB4050T | \$567.00 | SB4P050T | \$567.00 | SB5050T18 | \$2,874.85 |
| | Skt Fusion | N/A | - | SB4P050S | \$567.00 | SB5050S18 | \$2,874.85 |
| DN15 | Skt Fusion | N/A | - | SB4P015MS | \$567.00 | SB5015MS18 | \$2,874.85 |
| 3/4" | Threaded | SB4075T | \$627.35 | SB4P075T | \$627.35 | SB5075T18 | \$2,874.85 |
| | Skt Fusion | N/A | - | SB4P075S | \$627.35 | SB5075S18 | \$2,874.85 |
| DN20 | Skt Fusion | N/A | - | SB4P020MS | \$627.35 | SB5020MS18 | \$2,874.85 |
| 1" | Threaded | SB4100T | \$627.35 | SB4P100T | \$627.35 | SB5100T18 | \$2,874.85 |
| | Flanged | SB4100F | \$676.00 | SB4P100F | \$676.00 | SB5100F18 | POA |
| | Skt Fusion | N/A | - | SB4P100S | \$627.35 | SB5100S18 | \$2,874.85 |
| DN25 | Skt Fusion | N/A | - | SB4P025MS | \$627.35 | SB5025MS18 | \$2,874.85 |
| 1-1/4" | Threaded | SB4125T | \$1,081.60 | SB4P125T | \$1,081.60 | SB5125T18 | \$3,971.30 |
| | Flanged | SB4125F | \$1,205.15 | SB4P125F | \$1,205.15 | N/A | POA |
| | Skt Fusion | N/A | - | SB4P125S | \$1,081.60 | SB5125S18 | \$3,971.30 |
| DN32 | Skt Fusion | N/A | - | SB4P032MS | \$1,081.60 | SB5032MS18 | \$3,971.30 |
| 1-1/2" | Threaded | SB4150T | \$1,081.60 | SB4P150T | \$1,081.60 | SB5150T18 | \$3,971.30 |
| | Flanged | SB4150F | \$1,205.15 | SB4P150F | \$1,205.15 | SB5150F18 | - |
| | Skt Fusion | N/A | - | SB4P150S | \$1,081.60 | SB5150S18 | \$3,971.30 |
| DN40 | Skt Fusion | N/A | - | SB4P040MS | \$1,081.60 | SB5040MS18 | \$3,971.30 |
| 2" | Threaded | SB4200T | \$1,081.60 | SB4P200T | \$1,081.60 | SB5200T18 | \$4,398.15 |
| | Flanged | SB4200F | \$1,205.15 | SB4P200F | \$1,205.15 | SB5200F18 | POA |
| | Skt Fusion | N/A | - | SB4P200S | \$1,081.60 | SB5200S18 | \$4,398.15 |
| DN50 | Skt Fusion | N/A | - | SB4P050MS | \$1,081.60 | SB5050MS18 | \$4,398.15 |
| 2-1/2" | Threaded | SB4250T | \$2,592.85 | SB4P250T | \$2,592.85 | N/A | - |
| | Flanged | SB4250F | \$3,069.35 | SB4P250F | \$3,069.35 | N/A | - |
| | Skt Fusion | N/A | - | SB4P250S | \$2,592.85 | N/A | - |
| DN65 | Skt Fusion | N/A | - | SB4P065MS | \$2,592.85 | N/A | - |
| 3" | Threaded | SB4300T | \$2,592.85 | SB4P300T | \$2,592.85 | N/A | - |
| | Flanged | SB4300F | \$3,143.45 | SB4P300F | \$3,143.45 | N/A | - |
| | Skt Fusion | N/A | - | SB4P300S | \$2,592.85 | N/A | - |
| DN80 | Skt Fusion | N/A | - | SB4P080MS | \$2,592.85 | N/A | - |
| 4" | Threaded | SB4400T | \$2,669.20 | SB4P400T | \$2,592.85 | N/A | - |
| | Flanged | SB4400F | \$3,251.40 | SB4P400F | \$3,251.40 | N/A | - |
| | Skt Fusion | N/A | - | SB4P400S | \$2,592.85 | N/A | - |
| DN100 | Skt Fusion | N/A | - | SB4P100MS | \$2,592.85 | N/A | - |

* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 4" Basket Strainers standard perforation is 1/8".

** EPDM available at same list price.

*** PVDF basket standard perf is 1/8" for all sizes.

For extra or replacement baskets, see [page 79](#).





DB SERIES DUPLEX BASKET STRAINERS

All Duplex Basket Strainers are assembled with silicone free lubricant.

Each Duplex Basket Strainer includes two plastic baskets. If perforation is not specified, then standard basket perforation* will be shipped with strainer.

HDPE Transition Fittings available for select sizes, see [page 17](#).

For 316 SSTL basket options, see below.

| SIZE | END CONN. | PVC LIST PRICE | | | CPVC LIST PRICE | | | EASTAR® LIST PRICE | | |
|--------|-----------|----------------|-------------|-------------|-----------------|-------------|-------------|--------------------|-------------|-------------|
| | | PART NO. | FPM | EPDM (E) | PART NO. | FPM | EPDM (E) | PART NO. | FPM | EPDM (E) |
| 1/2" | Skt/Thd** | DB1050ST | \$2,321.40 | \$2,207.10 | DB2050ST | \$3,548.00 | \$3,371.30 | DBC050ST | \$2,631.20 | \$2,501.50 |
| | Flanged | DB1050F | \$2,377.20 | \$2,259.30 | DB2050F | \$3,622.75 | \$3,443.65 | DBC050F | \$2,694.00 | \$2,560.75 |
| 3/4" | Skt/Thd** | DB1075ST | \$2,321.40 | \$2,207.10 | DB2075ST | \$3,548.00 | \$3,371.30 | DBC075ST | \$2,631.20 | \$2,501.50 |
| | Flanged | DB1075F | \$2,377.20 | \$2,259.30 | DB2075F | \$3,622.75 | \$3,443.65 | DBC075F | \$2,694.00 | \$2,560.75 |
| 1" | Skt/Thd** | DB1100ST | \$2,321.40 | \$2,207.10 | DB2100ST | \$3,548.00 | \$3,371.30 | DBC100ST | \$2,631.85 | \$2,501.50 |
| | Flanged | DB1100F | \$2,377.20 | \$2,259.30 | DB2100F | \$3,622.75 | \$3,443.65 | DBC100F | \$2,694.00 | \$2,560.75 |
| 1-1/4" | Skt/Thd** | DB1125ST | \$3,614.35 | \$3,436.40 | DB2125ST | \$5,530.20 | \$5,256.05 | DBC125ST | \$4,096.45 | \$3,895.25 |
| | Flanged | DB1125F | \$3,751.95 | \$3,565.20 | DB2125F | \$5,729.65 | \$5,446.55 | DBC125F | \$4,252.50 | \$4,040.90 |
| 1-1/2" | Skt/Thd** | DB1150ST | \$3,614.35 | \$3,436.40 | DB2150ST | \$5,530.20 | \$5,256.05 | DBC150ST | \$4,096.45 | \$3,895.25 |
| | Flanged | DB1150F | \$3,751.95 | \$3,565.20 | DB2150F | \$5,729.65 | \$5,446.55 | DBC150F | \$4,252.50 | \$4,040.90 |
| 2" | Skt/Thd** | DB1200ST | \$3,614.35 | \$3,436.40 | DB2200ST | \$5,530.20 | \$5,256.05 | DBC200ST | \$4,096.45 | \$3,895.25 |
| | Flanged | DB1200F | \$3,751.95 | \$3,565.20 | DB2200F | \$5,729.65 | \$5,446.55 | DBC200F | \$4,252.50 | \$4,040.90 |
| 2-1/2" | Threaded | DB1250T | \$9,038.55 | \$8,589.95 | DB2250T | \$13,638.25 | \$12,958.60 | N/A | - | - |
| | Socket | DB1250S | \$9,038.55 | \$8,589.95 | DB2250S | \$13,638.25 | \$12,958.60 | N/A | - | - |
| | Flanged | DB1250F | \$9,389.50 | \$8,920.85 | DB2250F | \$14,340.80 | \$13,627.15 | N/A | - | - |
| 3" | Threaded | DB1300T | \$9,038.55 | \$8,589.95 | DB2300T | \$13,638.25 | \$12,958.60 | DBC300T | \$10,244.60 | \$9,741.10 |
| | Socket | DB1300S | \$9,038.55 | \$8,589.95 | DB2300S | \$13,638.25 | \$12,958.60 | DBC300S | \$10,244.60 | \$9,741.10 |
| | Flanged | DB1300F | \$9,460.70 | \$8,989.80 | DB2300F | \$14,419.85 | \$13,694.95 | DBC300F | \$10,722.75 | \$10,189.35 |
| 4" | Threaded | DB1400T | \$9,038.55 | \$8,589.95 | DB2400T | \$13,638.25 | \$12,958.60 | DBC400T | \$10,244.60 | \$9,741.10 |
| | Socket | DB1400S | \$9,038.55 | \$8,589.95 | DB2400S | \$13,638.25 | \$12,958.60 | DBC400S | \$10,244.60 | \$9,741.10 |
| | Flanged | DB1400F | \$9,615.95 | \$9,133.90 | DB2400F | \$14,578.50 | \$13,853.70 | DBC400F | \$10,899.00 | \$10,356.75 |
| 6" | Flanged | DB1600FT | \$23,001.60 | \$21,846.50 | DB2600FT | \$34,061.55 | \$32,362.60 | N/A | - | - |
| 8" | Flanged | DB1800FT | \$29,521.05 | \$28,043.85 | DB2800FT | \$41,911.30 | \$39,816.00 | N/A | - | - |

* For 1/2", 3/4" and 1" Basket Strainers standard perforation is 1/32". For 1-1/2" thru 8" Basket Strainers standard perforation is 1/8".

** 1/2" thru 2" Basket Strainers are supplied with both socket and threaded end connectors.



OPTIONAL 316 STAINLESS STEEL BASKETS

Baskets are designed with slanted top to ensure correct installation with SB & DB Series Basket Strainers.

Each Strainer purchased is furnished with one standard thermoplastic basket (1 for Simplex, 2 for Duplex). When ordering, if you wish to replace the standard thermoplastic basket(s) with a stainless steel basket, use table below for price adders. Stainless steel baskets are made to order and are not returnable.

For part numbers and pricing for purchasing a SSTL basket separately, see [page 74](#).
e.g. SB2100F with option 1/32 perf SSTL basket is SB2100FS132.

| STRAINER SIZE | SUFFIX** | MESH OR PERF* LIST PRICE | SUFFIX | 200 MESH* LIST PRICE | SUFFIX | 325 MESH* LIST PRICE |
|---------------|----------|--------------------------|--------|----------------------|--------|----------------------|
| 1/2" - 1" | SXXX | \$377.20 | S200 | \$521.15 | S325 | \$551.10 |
| 1-1/4" - 2" | SXXX | \$463.75 | S200 | \$621.10 | S325 | \$653.70 |
| 2-1/2" - 4" | SXXX | \$907.65 | S200 | \$1,222.65 | S325 | \$1,268.70 |
| 6" | SXXX | \$1,588.30 | S200 | \$1,982.00 | S325 | \$2,152.90 |
| 8" | SXXX | \$2,152.90 | S200 | \$2,594.50 | S325 | \$2,797.20 |

* Price is for each basket. Duplex vessels require 2 each.

** Part number is for MESH or Perf. Substitute X with MESH or Perf size.



DRAIN KIT FOR SB AND DB SERIES

Ideal for controlled draining on SB Series Strainers. Includes TBH Ball Valve, drilled ball and nipple piece.

PVC - FPM

| STRAINER SIZE | VALVE SIZE | PART NO. | LIST PRICE | STRAINER SIZE | VALVE SIZE | PART NO. | LIST PRICE |
|---------------|------------|------------|------------|---------------|------------|------------|------------|
| 1/2" - 1" | 1/2" | SBD115KITV | \$341.50 | 2-1/2" - 4" | 3/4" | SBD147KITV | \$400.70 |
| 1-1/4" - 2" | 3/4" | SBD127KITV | \$356.40 | 6" | 1" | SBD161KITV | \$551.35 |
| | | | | 8" | 1" | SBD181KITV | \$861.80 |

PVC - EPDM

| STRAINER SIZE | VALVE SIZE | PART NO. | LIST PRICE | STRAINER SIZE | VALVE SIZE | PART NO. | LIST PRICE |
|---------------|------------|------------|------------|---------------|------------|------------|------------|
| 1/2" - 1" | 1/2" | SBD115KITE | \$297.80 | 2-1/2" - 4" | 3/4" | SBD147KITE | \$370.95 |
| 1-1/4" - 2" | 3/4" | SBD127KITE | \$326.50 | 6" | 1" | SBD161KITE | \$549.15 |
| | | | | 8" | 1" | SBD181KITE | \$833.90 |

CPVC - FPM

| STRAINER SIZE | VALVE SIZE | PART NO. | LIST PRICE | STRAINER SIZE | VALVE SIZE | PART NO. | LIST PRICE |
|---------------|------------|------------|------------|---------------|------------|------------|------------|
| 1/2" - 1" | 1/2" | SBD215KITV | \$400.70 | 2-1/2" - 4" | 3/4" | SBD247KITV | \$460.05 |
| 1-1/4" - 2" | 3/4" | SBD227KITV | \$405.35 | 6" | 1" | SBD261KITV | \$638.05 |
| | | | | 8" | 1" | SBD281KITV | \$890.20 |

CPVC - EPDM

| STRAINER SIZE | VALVE SIZE | PART NO. | LIST PRICE | STRAINER SIZE | VALVE SIZE | PART NO. | LIST PRICE |
|---------------|------------|------------|------------|---------------|------------|------------|------------|
| 1/2" - 1" | 1/2" | SBD215KITE | \$385.80 | 2-1/2" - 4" | 3/4" | SBD247KITE | \$430.25 |
| 1-1/4" - 2" | 3/4" | SBD227KITE | \$370.95 | 6" | 1" | SBD261KITE | \$608.30 |
| | | | | 8" | 1" | SBD281KITE | \$918.40 |

GFPP* - FPM

| STRAINER SIZE | VALVE SIZE | PART NO. | LIST PRICE |
|---------------|------------|------------|------------|
| 1/2" - 1" | 1/2" | SBD415KITV | \$460.15 |
| 1-1/4" - 2" | 3/4" | SBD427KITV | \$503.50 |
| 2-1/2" - 4" | 3/4" | SBD447KITV | \$519.45 |

GFPP* - EPDM

| STRAINER SIZE | VALVE SIZE | PART NO. | LIST PRICE |
|---------------|------------|------------|------------|
| 1/2" - 1" | 1/2" | SBD415KITE | \$430.50 |
| 1-1/4" - 2" | 3/4" | SBD427KITE | \$430.50 |
| 2-1/2" - 4" | 3/4" | SBD447KITE | \$489.80 |

*Includes GFPP TB Ball Valve, drilled ball and threaded PP nipple.





SB AND DB SERIES EXTRA/REPLACEMENT BASKETS

It is recommended that one spare basket per strainer be kept on hand at all times.

| FOR 1/2", 3/4" AND 1" | | |
|-----------------------------------|------------|------------|
| PVC | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS11001/32 | \$208.75 |
| 1/16" | BS11001/16 | \$208.75 |
| 1/8" | BS11001/8 | \$208.75 |
| 3/16" | BS11003/16 | \$208.75 |
| CPVC | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS21001/32 | \$333.70 |
| 1/16" | BS21001/16 | \$333.70 |
| 1/8" | BS21001/8 | \$333.70 |
| 3/16" | BS21003/16 | \$333.70 |
| GFPP | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS41001/32 | \$278.25 |
| 1/16" | BS41001/16 | \$278.25 |
| 1/8" | BS41001/8 | \$278.25 |
| 3/16" | BS41003/16 | \$278.25 |
| 316 Stainless Steel MESH** | | |
| MESH* | PART NO. | LIST PRICE |
| 20 | BS71020 | \$481.00 |
| 40 | BS71040 | \$481.00 |
| 60 | BS71060 | \$481.00 |
| 80 | BS71080 | \$481.00 |
| 100 | BS710100 | \$481.00 |
| 316 Stainless Steel Perforation** | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS7101/32 | \$481.00 |
| 1/16" | BS7101/16 | \$481.00 |
| 1/8" | BS7101/8 | \$481.00 |
| 3/16" | BS7103/16 | \$481.00 |

| FOR 1-1/4", 1-1/2" AND 2" | | |
|-----------------------------------|------------|------------|
| PVC | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS12001/32 | \$262.50 |
| 1/16" | BS12001/16 | \$262.50 |
| 1/8" | BS12001/8 | \$262.50 |
| 3/16" | BS12003/16 | \$262.50 |
| CPVC | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS22001/32 | \$413.85 |
| 1/16" | BS22001/16 | \$413.85 |
| 1/8" | BS22001/8 | \$413.85 |
| 3/16" | BS22003/16 | \$413.85 |
| GFPP | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS42001/32 | \$349.60 |
| 1/16" | BS42001/16 | \$349.60 |
| 1/8" | BS42001/8 | \$349.60 |
| 3/16" | BS42003/16 | \$349.60 |
| 316 Stainless Steel MESH** | | |
| MESH* | PART NO. | LIST PRICE |
| 20 | BS72020 | \$596.60 |
| 40 | BS72040 | \$596.60 |
| 60 | BS72060 | \$596.60 |
| 80 | BS72080 | \$596.60 |
| 100 | BS720100 | \$596.60 |
| 316 Stainless Steel Perforation** | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS7201/32 | \$596.60 |
| 1/16" | BS7201/16 | \$596.60 |
| 1/8" | BS7201/8 | \$596.60 |
| 3/16" | BS7203/16 | \$596.60 |

| FOR 2-1/2", 3" AND 4" | | |
|-----------------------------------|------------|------------|
| PVC | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS14001/32 | \$666.75 |
| 1/16" | BS14001/16 | \$666.75 |
| 1/8" | BS14001/8 | \$666.75 |
| 3/16" | BS14003/16 | \$666.75 |
| CPVC | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS24001/32 | \$1,043.50 |
| 1/16" | BS24001/16 | \$1,043.50 |
| 1/8" | BS24001/8 | \$1,043.50 |
| 3/16" | BS24003/16 | \$1,043.50 |
| GFPP | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS44001/32 | \$888.75 |
| 1/16" | BS44001/16 | \$888.75 |
| 1/8" | BS44001/8 | \$888.75 |
| 3/16" | BS44003/16 | \$888.75 |
| 316 Stainless Steel MESH** | | |
| MESH* | PART NO. | LIST PRICE |
| 20 | BS74020 | \$1,272.65 |
| 40 | BS74040 | \$1,272.65 |
| 60 | BS74060 | \$1,272.65 |
| 80 | BS74080 | \$1,272.65 |
| 100 | BS740100 | \$1,272.65 |
| 316 Stainless Steel Perforation** | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS7401/32 | \$1,272.65 |
| 1/16" | BS7401/16 | \$1,272.65 |
| 1/8" | BS7401/8 | \$1,272.65 |
| 3/16" | BS7403/16 | \$1,272.65 |

| FOR 6" | | |
|-----------------------------------|-------------|------------|
| PVC | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS16001/32 | \$1,893.35 |
| 1/16" | BS16001/16 | \$1,893.35 |
| 1/8" | BS16001/8 | \$1,893.35 |
| 3/16" | BS16003/16 | \$1,893.35 |
| CPVC | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS26001/32 | \$2,640.05 |
| 1/16" | BS26001/16 | \$2,640.05 |
| 1/8" | BS26001/8 | \$2,640.05 |
| 3/16" | BS26003/16 | \$2,640.05 |
| 316 Stainless Steel MESH** | | |
| MESH* | PART NO. | LIST PRICE |
| 20 | BS76001420 | \$2,641.40 |
| 40 | BS76001440 | \$2,641.40 |
| 60 | BS76001460 | \$2,641.40 |
| 80 | BS76001480 | \$2,641.40 |
| 100 | BS760014100 | \$2,641.40 |
| 316 Stainless Steel Perforation** | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS76001/32 | \$2,641.40 |
| 1/16" | BS76001/16 | \$2,641.40 |
| 1/8" | BS76001/8 | \$2,641.40 |
| 5/32" | BS76005/32 | \$2,641.40 |
| 3/16" | BS76003/16 | \$2,641.40 |
| 1/4" | BS76001/4 | \$2,641.40 |
| 3/8" | BS76003/8 | \$2,641.40 |

| FOR 8" | | |
|-----------------------------------|-------------|------------|
| PVC | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS18001/32 | \$2,614.70 |
| 1/16" | BS18001/16 | \$2,614.70 |
| 1/8" | BS18001/8 | \$2,614.70 |
| 3/16" | BS18003/16 | \$2,614.70 |
| CPVC | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS28001/32 | \$3,642.10 |
| 1/16" | BS28001/16 | \$3,642.10 |
| 1/8" | BS28001/8 | \$3,642.10 |
| 3/16" | BS28003/16 | \$3,642.10 |
| 316 Stainless Steel MESH** | | |
| MESH* | PART NO. | LIST PRICE |
| 20 | BS78001420 | \$3,610.90 |
| 40 | BS78001440 | \$3,610.90 |
| 60 | BS78001460 | \$3,610.90 |
| 80 | BS78001480 | \$3,610.90 |
| 100 | BS780014100 | \$3,610.90 |
| 316 Stainless Steel Perforation** | | |
| PERFORATION | PART NO. | LIST PRICE |
| 1/32" | BS78001/32 | \$3,610.90 |
| 1/16" | BS78001/16 | \$3,610.90 |
| 1/8" | BS78001/8 | \$3,610.90 |
| 5/32" | BS78005/32 | \$3,610.90 |
| 3/16" | BS78003/16 | \$3,610.90 |
| 1/4" | BS78001/4 | \$3,610.90 |
| 3/8" | BS78003/8 | \$3,610.90 |

| FOR 200 MESH ONLY* | | |
|--------------------|-------------|------------|
| SIZES | PART NO. | LIST PRICE |
| 1/2" - 1" | BS710200 | \$617.10 |
| 1-1/4" - 2" | BS720200 | \$747.25 |
| 2-1/2" - 4" | BS740200 | \$1,570.35 |
| 6" | BS760014200 | \$2,840.00 |
| 8" | BS780014200 | \$3,787.95 |

| FOR 325 MESH ONLY* | | |
|--------------------|-------------|------------|
| SIZES | PART NO. | LIST PRICE |
| 1/2" - 1" | BS710325 | \$645.20 |
| 1-1/4" - 2" | BS720325 | \$776.20 |
| 2-1/2" - 4" | BS740325 | \$1,613.75 |
| 6" | BS760014325 | \$3,001.85 |
| 8" | BS780014325 | \$3,980.30 |

Stainless steel baskets are made to order and not returnable.
Hastelloy®, Titanium, and Monel available, consult factory.

YS SERIES Y-STRAINERS

The YS Series features a one piece injection molded body. Available in PVC, CPVC, clear PVC and PVDF. True Union end connections available with Socket or Threaded ends. Each PVC and CPVC YS Y-Strainer includes one 1/32" perforated thermoplastic* screen. PVDF strainers are standard 3/32 perf.

For flanged options not shown, consult factory.



| SIZE | END CONN. | PVC LIST PRICE | | | CPVC LIST PRICE | | | PVDF / FPM | | CLEAR PVC / FPM | |
|--------|--------------|----------------|------------|-------------|-----------------|------------|-------------|-------------|---------------|-----------------|---------------|
| | | PART NO. | FPM | EPDM (E) | PART NO. | FPM | EPDM (E) | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | Threaded | YS10050T | \$122.60 | \$122.60 | YS20050T | \$344.75 | \$344.75 | YS50050T | \$642.15 | YS00050T | \$128.40 |
| | Socket | YS10050S | \$122.60 | \$122.60 | YS20050S | \$344.75 | \$344.75 | YS50050S | \$642.15 | YS00050S | \$128.40 |
| 3/4" | Threaded | YS10075T | \$138.45 | \$138.45 | YS20075T | \$381.15 | \$381.15 | YS50075T | \$686.20 | YS00075T | \$145.00 |
| | Socket | YS10075S | \$138.45 | \$138.45 | YS20075S | \$381.15 | \$381.15 | YS50075S | \$686.20 | YS00075S | \$145.00 |
| 1" | Threaded | YS10100T | \$152.40 | \$152.40 | YS20100T | \$488.05 | \$488.05 | YS50100T | \$867.70 | YS00100T | \$159.70 |
| | Socket | YS10100S | \$152.40 | \$152.40 | YS20100S | \$488.05 | \$488.05 | YS50100S | \$867.70 | YS00100S | \$159.70 |
| 1-1/4" | Threaded | YS10125T | \$276.35 | \$276.35 | N/A | - | - | N/A | - | YS00125T | \$289.50 |
| | Socket | YS10125S | \$276.35 | \$276.35 | N/A | - | - | N/A | - | YS00125S | \$289.50 |
| 1-1/2" | Threaded | YS10150T | \$276.35 | \$276.35 | YS20150T | \$757.75 | \$757.75 | N/A | - | YS00150T | \$289.50 |
| | Socket | YS10150S | \$276.35 | \$276.35 | YS20150S | \$757.75 | \$757.75 | | | YS00150S | \$289.50 |
| 2" | Threaded | YS10200T | \$323.75 | \$323.75 | YS20200T | \$973.65 | \$973.65 | N/A | - | YS00200T | \$339.15 |
| | Socket | YS10200S | \$323.75 | \$323.75 | YS20200S | \$973.65 | \$973.65 | N/A | - | YS00200S | \$339.15 |
| | Flanged | YS10200F | \$537.95 | \$537.95 | YS20200F | \$1,313.05 | \$1,313.05 | N/A | - | YS00200F | \$537.95 |
| 2-1/2" | Threaded | YS10250T | \$536.95 | \$536.95 | N/A | - | - | N/A | - | N/A | - |
| | Socket | YS10250S | \$536.95 | \$536.95 | N/A | - | - | N/A | - | N/A | - |
| | Flanged | YS10250F | \$1,176.30 | \$1,176.30 | N/A | - | - | N/A | - | N/A | - |
| 3" | Threaded | YS10300T | \$724.10 | \$724.10 | YS20300T | \$1,213.35 | \$1,213.35 | N/A | - | N/A | - |
| | Socket | YS10300S | \$724.10 | \$724.10 | YS20300S | \$1,213.35 | \$1,213.35 | N/A | - | N/A | - |
| | Flanged | YS10300F | \$1,116.20 | \$1,116.20 | YS20300F | \$1,883.30 | \$1,883.30 | N/A | - | N/A | - |
| 4" | Threaded | YS10400T | \$1,266.30 | \$1,266.30 | YS20400T | \$2,102.35 | \$2,102.35 | N/A | - | N/A | - |
| | Socket | YS10400S | \$1,266.30 | \$1,266.30 | YS20400S | \$2,102.35 | \$2,102.35 | N/A | - | N/A | - |
| | Flanged | YS10400F | \$1,799.05 | \$1,799.05 | YS20400F | \$3,018.35 | \$3,018.35 | N/A | - | N/A | - |

* To replace the standard 1/32" thermoplastic screen with another perf size thermoplastic screen, refer to the tables on [page 126](#).

To replace the standard 1/32" thermoplastic screen with a stainless steel screen, refer to the table on [page 126](#).

All metal screens are not returnable. Consult factory for 200 & 325 mesh pricing.

YS SERIES TRUE UNION Y-STRAINERS

All YS Series Y-Strainers have an FPM o-ring seal and are assembled with silicone free lubricant. Each YS Y-Strainer includes one 1/32" perforated thermoplastic* screen.

HDPE Transition Fittings available for select sizes, see [page 17](#).

For EPDM or flanged options, consult factory for pricing and availability.



| SIZE | END CONN. | PVC | | CPVC | | CLEAR PVC | |
|-----------|-----------|-----------|------------|-----------|------------|-----------|------------|
| | | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | Threaded | YS10050TU | \$135.60 | YS20050TU | \$378.85 | YS00050TU | \$142.05 |
| | Socket | YS10050SU | \$135.60 | YS20050SU | \$378.85 | YS00050SU | \$142.05 |
| 3/4" | Threaded | YS10075TU | \$154.35 | YS20075TU | \$422.00 | YS00075TU | \$161.70 |
| | Socket | YS10075SU | \$154.35 | YS20075SU | \$422.00 | YS00075SU | \$161.70 |
| 1" | Threaded | YS10100TU | \$168.80 | YS20100TU | \$525.70 | YS00100TU | \$176.80 |
| | Socket | YS10100SU | \$168.80 | YS20100SU | \$525.70 | YS00100SU | \$176.80 |
| 1-1/4"*** | Threaded | YS10125TU | \$289.15 | YS20125TU | \$836.85 | YS00125TU | \$303.00 |
| | Socket | YS10125SU | \$289.15 | YS20125SU | \$836.85 | YS00125SU | \$289.15 |
| 1-1/2"*** | Threaded | YS10150TU | \$303.65 | YS20150TU | \$836.85 | YS00150TU | \$318.15 |
| | Socket | YS10150SU | \$303.65 | YS20150SU | \$836.85 | YS00150SU | \$318.15 |
| 2" | Threaded | YS10200TU | \$353.60 | YS20200TU | \$1,111.40 | YS00200TU | \$370.40 |
| | Socket | YS10200SU | \$353.60 | YS20200SU | \$1,111.40 | YS00200SU | \$370.40 |
| 2-1/2" | Threaded | YS10250TU | \$578.40 | YS20250TU | \$1,239.60 | N/A | - |
| | Socket | YS10250SU | \$578.40 | YS20250SU | \$1,239.60 | N/A | - |
| 3" | Threaded | YS10300TU | \$800.65 | YS20300TU | \$1,332.15 | N/A | - |
| | Socket | YS10300SU | \$800.65 | YS20300SU | \$1,332.15 | N/A | - |
| 4" | Threaded | YS10400TU | \$1,405.30 | YS20400TU | \$2,265.55 | N/A | - |
| | Socket | YS10400SU | \$1,405.30 | YS20400SU | \$2,265.55 | N/A | - |

* To replace the standard 1/32" thermoplastic screen with another perf size thermoplastic screen, refer to the tables on [page 126](#).

To replace the standard 1/32" thermoplastic screen with a stainless steel screen, refer to the table on [page 126](#).

All metal screens are not returnable. Consult factory for 200 & 325 mesh pricing.

** 1-1/4" and 1-1/2" unit takes a 2" screen.

*** EPDM available add E before U.

For Hastelloy, Monel, or 200 & titanium SSTL Mesh options, consult factory for pricing and part number information.

ALL metal screens are made to order and are not returnable.

SUBSTITUTE STAINLESS STEEL SCREENS* FOR PVC/CPVC YS STRAINERS

To change the standard thermoplastic screen to a SSTL screen, ADD the list price below to your Y-Strainer order.

| SIZE | SUBSTITUTE SCREEN LIST PRICE | SIZE | SUBSTITUTE SCREEN LIST PRICE |
|-----------|------------------------------|--------|------------------------------|
| 1/2" | \$160.05 | 2" | \$335.10 |
| 3/4" | \$195.15 | 2-1/2" | \$368.55 |
| 1" | \$228.50 | 3" | \$368.55 |
| 1-1/4"*** | \$298.45 | 4" | \$463.05 |
| 1-1/2"*** | \$298.45 | | |

* Specify SSTL MESH or SSTL Perf size when ordering. For 200 & 325 SSTL mesh, consult factory.

*** 1-1/4" - 1-1/2" true union y-strainers require a 2" screen.



FLV SERIES BAG FILTERS

All FLV bag filters feature a one piece, injection molded thermoplastic Platinum Glass Filled Polypropylene body with FPM Seals.

Filter Bags sold separately. EPDM Seals available as an option.

HDPE Transition Fittings available for select sizes, see [page 17](#).

GFPP DOUBLE LENGTH SIMPLEX BAG FILTERS

Double length simplex bag filters use double length 7" x 32" No. 2 bags. See [pages 87-88](#).

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|------------------|------------------|---------------|------------|
| 1-1/4" Threaded | GFPP | FLV4P2S12T4VS | \$2,761.50 |
| 1-1/2" Threaded | GFPP | FLV4P2S15T4VS | \$2,761.50 |
| 2" Threaded | GFPP | FLV4P2S20T4VS | \$2,761.50 |
| 2-1/2" Threaded* | GFPP | FLV4P2S25T4VS | \$3,727.90 |
| 3" Threaded* | GFPP | FLV4P2S30T4VS | \$3,727.90 |
| 4" Threaded* | GFPP | FLV4P2S40T4VS | \$4,142.20 |

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|----------------|------------------|---------------|------------|
| 1-1/4" Flanged | GFPP | FLV4P2S12F4VS | \$3,727.90 |
| 1-1/2" Flanged | GFPP | FLV4P2S15F4VS | \$3,727.90 |
| 2" Flanged | GFPP | FLV4P2S20F4VS | \$3,727.90 |
| 2-1/2" Flanged | GFPP | FLV4P2S25F4VS | \$4,694.50 |
| 3" Flanged* | GFPP | FLV4P2S30F4VS | \$4,694.50 |
| 4" Flanged* | GFPP | FLV4P2S40F4VS | \$5,660.75 |

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|----------------|------------------|---------------|------------|
| 1-1/4" Socket | CPVC | FLV4P2S12S2VS | \$3,093.00 |
| 1-1/2" Socket | CPVC | FLV4P2S15S2VS | \$3,093.00 |
| 2" Socket | CPVC | FLV4P2S20S2VS | \$3,093.00 |
| 2-1/2" Socket* | CPVC | FLV4P2S25S2VS | \$4,175.40 |
| 3" Socket* | CPVC | FLV4P2S30S2VS | \$4,175.40 |
| 4" Socket* | CPVC | FLV4P2S40S2VS | \$4,639.20 |

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|----------------|------------------|---------------|------------|
| 1-1/4" Socket | PVC | FLV4P2S12S1VS | \$2,899.65 |
| 1-1/2" Socket | PVC | FLV4P2S15S1VS | \$2,899.65 |
| 2" Socket | PVC | FLV4P2S20S1VS | \$2,899.65 |
| 2-1/2" Socket* | PVC | FLV4P2S25S1VS | \$3,914.25 |
| 3" Socket* | PVC | FLV4P2S30S1VS | \$3,914.25 |
| 4" Socket* | PVC | FLV4P2S40S1VS | \$4,349.20 |

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|-----------------------|------------------|---------------|------------|
| 1-1/4" Socket Fusion | PP | FLV4P2S12S3VS | \$2,761.50 |
| 1-1/2" Socket Fusion | PP | FLV4P2S15S3VS | \$2,761.50 |
| 2" Socket Fusion | PP | FLV4P2S20S3VS | \$2,761.50 |
| 2-1/2" Socket fusion* | PP | FLV4P2S25S3VS | \$3,727.90 |
| 3" Socket Fusion* | PP | FLV4P2S30S3VS | \$3,727.90 |
| 4" Socket Fusion* | PP | FLV4P2S40S3VS | \$4,142.20 |

GFPP DOUBLE LENGTH SIMPLEX BAG FILTERS

For replacement of PP FLT series

| END CONN. | END CONN. MAT.** | PART NO.*** | LIST PRICE |
|-----------|-------------------------------------|----------------|------------|
| 2" | Female Threaded on Body/GFPP | FLV4P2S20D4VS | \$2,884.05 |
| 2" | Female Threaded on Body/GFPP Flange | FLV4P2S20DF4VS | \$3,733.25 |

* Sizes 2-1/2" - 4"/DN65 - DN100 are available ONLY in double length vessels.





FLV SERIES BAG FILTERS (CONT.)

All FLV bag filters feature a one piece, injection molded thermoplastic Platinum Glass Filled Polypropylene body with FPM Seals.

Filter Bags sold separately. EPDM Seals available as an option. HDPE Transition Fittings available for select sizes, see [page 17](#).

GFPP SINGLE LENGTH SIMPLEX BAG FILTERS

Single length simplex bag filters use single length 7" x 16" No.1 bags. See [page 87-88](#).

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|-----------------|------------------|---------------|------------|
| 1-1/4" Threaded | GFPP | FLV4P1S12T4VS | \$2,333.05 |
| 1-1/2" Threaded | GFPP | FLV4P1S15T4VS | \$2,333.05 |
| 2" Threaded | GFPP | FLV4P1S20T4VS | \$2,333.05 |

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|----------------|------------------|---------------|------------|
| 1-1/4" Flanged | GFPP | FLV4P1S12F4VS | \$3,149.60 |
| 1-1/2" Flanged | GFPP | FLV4P1S15F4VS | \$3,149.60 |
| 2" Flanged | GFPP | FLV4P1S20F4VS | \$3,149.60 |

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|---------------|------------------|---------------|------------|
| 1-1/4" Socket | CPVC | FLV4P1S12S2VS | \$2,613.00 |
| 1-1/2" Socket | CPVC | FLV4P1S15S2VS | \$2,613.00 |
| 2" Socket | CPVC | FLV4P1S20S2VS | \$2,613.00 |

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|---------------|------------------|---------------|------------|
| 1-1/4" Socket | PVC | FLV4P1S12S1VS | \$2,449.65 |
| 1-1/2" Socket | PVC | FLV4P1S15S1VS | \$2,449.65 |
| 2" Socket | PVC | FLV4P1S20S1VS | \$2,449.65 |

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|----------------------|------------------|---------------|------------|
| 1-1/4" Socket Fusion | PP | FLV4P1S12S3VS | \$2,333.05 |
| 1-1/2" Socket Fusion | PP | FLV4P1S15S3VS | \$2,333.05 |
| 2" Socket Fusion | PP | FLV4P1S20S3VS | \$2,333.05 |

GFPP SINGLE LENGTH SIMPLEX BAG FILTERS

For replacement of PP FLT series

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|-----------|-------------------------------------|----------------|------------|
| 2" | Female Threaded on Body/GFPP | FLV4P1S20D4VS | \$2,450.75 |
| 2" | Female Threaded on Body/GFPP Flange | FLV4P1S20DF4VS | \$3,267.40 |

* Sizes 2-1/2" to 4" are available ONLY in double length vessels.

** GFPP end connectors are available only in threaded or flanged. PVC & CPVC end connections are available in Socket. For Flanged, consult factory.

FLV SERIES BAG FILTERS (CONT.)



GFPP DOUBLE LENGTH DUPLEX BAG FILTERS

Each double length simplex bag filter uses double length 7" x 32" No.2 bags. See [page 87-88](#).

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|----------------------|------------------|----------------|------------|
| 2" Socket & Threaded | CPVC | FLV4P2D20ST2VS | POA |
| 3" Socket* | CPVC | FLV4P2D30S2VS | POA |
| 4" Socket* | CPVC | FLV4P2D40S2VS | POA |

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|-------------|------------------|---------------|------------|
| 2" Flanged | CPVC | FLV4P2D20F2VS | POA |
| 3" Flanged* | CPVC | FLV4P2D30F2VS | POA |
| 4" Flanged* | CPVC | FLV4P2D40F2VS | POA |

* Sizes 2-1/2" to 4" are available ONLY in double length vessels.

NOTE: Shipped LTL only



GFPP SINGLE LENGTH DUPLEX BAG FILTERS

Each single length simplex bag filter uses single length 7" x 16" No.1 bags. See [page 87-88](#).

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|----------------------|------------------|----------------|------------|
| 2" Socket & Threaded | CPVC | FLV4P1D20ST2VS | POA |

| END CONN. | END CONN. MAT.** | PART NO. | LIST PRICE |
|------------|------------------|---------------|------------|
| 2" Flanged | CPVC | FLV4P1D20F2VS | POA |

NOTE: Shipped LTL only



PVC & CPVC FLV SERIES BAG FILTERS

The FLV, PVC and CVPC bag filters feature all thermoplastic construction with true union connections and FPM Seals. EPDM Seals optional, consult factory for pricing. Solid 1-pc. bag carrier. Vent valve included. NEW HDPE Transition Fittings available for select sizes, see [page 17](#).

PVC / CPVC DOUBLE LENGTH SIMPLEX BAG FILTERS

Double length simplex bag filters use double length 7" x 32" No. 2 bags. See [page 87-88](#).

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|-----------------------------------|----------|-------------|------------|
| 1-1/4" True Union Socket/Threaded | PVC | FLV12S12STV | \$2,980.65 |
| 1-1/2" True Union Socket/Threaded | PVC | FLV12S15STV | \$2,980.65 |
| 2" True Union Socket/Threaded | PVC | FLV12S20STV | \$2,980.65 |
| 2-1/2" True Union Socket | PVC | FLV12S25SV | \$4,023.90 |
| 3" True Union Socket | PVC | FLV12S30SV | \$4,023.90 |
| 4" True Union Socket | PVC | FLV12S40SV | \$4,470.90 |
| 2-1/2" True Union Threaded | PVC | FLV12S25TV | \$4,023.90 |
| 3" True Union Threaded | PVC | FLV12S30TV | \$4,023.90 |
| 4" True Union Threaded | PVC | FLV12S40TV | \$4,470.90 |

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|---------------------------|----------|------------|------------|
| 1-1/4" True Union Flanged | PVC | FLV12S12FV | \$3,920.15 |
| 1-1/2" True Union Flanged | PVC | FLV12S15FV | \$3,920.15 |
| 2" True Union Flanged | PVC | FLV12S20FV | \$3,920.15 |
| 2-1/2" True Union Flanged | PVC | FLV12S25FV | \$4,936.40 |
| 3" True Union Flanged | PVC | FLV12S30FV | \$4,936.40 |
| 4" True Union Flanged | PVC | FLV12S40FV | \$5,952.60 |

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|-----------------------------------|----------|-------------|------------|
| 1-1/4" True Union Socket/Threaded | CPVC | FLV22S12STV | \$3,392.35 |
| 1-1/2" True Union Socket/Threaded | CPVC | FLV22S15STV | \$3,392.35 |
| 2" True Union Socket/Threaded | CPVC | FLV22S20STV | \$3,392.35 |
| 2-1/2" True Union Socket | CPVC | FLV22S25SV | \$4,579.45 |
| 3" True Union Socket | CPVC | FLV22S30SV | \$4,579.45 |
| 4" True Union Socket | CPVC | FLV22S40SV | \$5,088.30 |
| 2-1/2" True Union Threaded | CPVC | FLV22S25TV | \$4,579.45 |
| 3" True Union Threaded | CPVC | FLV22S30TV | \$4,579.45 |
| 4" True Union Threaded | CPVC | FLV22S40TV | \$5,088.30 |

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|---------------------------|----------|------------|------------|
| 1-1/4" True Union Flanged | CPVC | FLV22S12FV | \$4,088.90 |
| 1-1/2" True Union Flanged | CPVC | FLV22S15FV | \$4,088.90 |
| 2" True Union Flanged | CPVC | FLV22S20FV | \$4,088.90 |
| 2-1/2" True Union Flanged | CPVC | FLV22S25FV | \$5,148.80 |
| 3" True Union Flanged | CPVC | FLV22S30FV | \$5,148.80 |
| 4" True Union Flanged | CPVC | FLV22S40FV | \$6,208.65 |

PVC & CPVC FLV SERIES BAG FILTERS (cont.)



PVC / CPVC SINGLE LENGTH SIMPLEX BAG FILTERS

Single length simplex bag filters use single length 7" x 16" No. 1 bags.

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|-----------------------------------|----------|-------------|------------|
| 1-1/4" True Union Socket/Threaded | PVC | FLV11S12STV | \$2,776.35 |
| 1-1/2" True Union Socket/Threaded | PVC | FLV11S15STV | \$2,776.35 |
| 2" True Union Socket/Threaded | PVC | FLV11S20STV | \$2,776.35 |

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|---------------------------|----------|------------|------------|
| 1-1/4" True Union Flanged | PVC | FLV11S12FV | \$3,381.65 |
| 1-1/2" True Union Flanged | PVC | FLV11S15FV | \$3,381.65 |
| 2" True Union Flanged | PVC | FLV11S20FV | \$3,381.65 |

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|-----------------------------------|----------|-------------|------------|
| 1-1/4" True Union Socket/Threaded | CPVC | FLV21S12STV | \$2,961.50 |
| 1-1/2" True Union Socket/Threaded | CPVC | FLV21S15STV | \$2,961.50 |
| 2" True Union Socket/Threaded | CPVC | FLV21S20STV | \$2,961.50 |

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|---------------------------|----------|------------|------------|
| 1-1/4" True Union Flanged | CPVC | FLV21S12FV | \$3,454.35 |
| 1-1/2" True Union Flanged | CPVC | FLV21S15FV | \$3,454.35 |
| 2" True Union Flanged | CPVC | FLV21S20FV | \$3,454.35 |



PVC / CPVC DUPLEX BAG FILTERS

Each double length simplex bag filter uses double length 7" x 32" No. 2 bags.

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|-------------------------------|----------|-------------|-------------|
| 2" True Union Socket/Threaded | PVC | FLV12D20STV | \$13,350.90 |
| 3" True Union Socket | PVC | FLV12D30SV | POA |
| 4" True Union Socket | PVC | FLV12D40SV | POA |

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|-----------------------|----------|------------|-------------|
| 2" True Union Flanged | PVC | FLV12D20FV | \$18,023.30 |
| 3" True Union Flanged | PVC | FLV12D30FV | POA |
| 4" True Union Flanged | PVC | FLV12D40FV | POA |

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|-------------------------------|----------|-------------|-------------|
| 2" True Union Socket/Threaded | CPVC | FLV22D20STV | \$14,834.30 |
| 3" True Union Socket | CPVC | FLV22D30SV | POA |
| 4" True Union Socket | CPVC | FLV22D40SV | POA |

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|-----------------------|----------|------------|-------------|
| 2" True Union Flanged | CPVC | FLV22D20FV | \$20,025.90 |
| 3" True Union Flanged | CPVC | FLV22D30FV | POA |
| 4" True Union Flanged | CPVC | FLV22D40FV | POA |

PVC / CPVC DUPLEX BAG FILTERS

Each single length simplex bag filter uses single length 7" x 16" No. 1 bags.

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|-------------------------------|----------|-------------|-------------|
| 2" True Union Socket/Threaded | PVC | FLV11D20STV | \$11,279.20 |
| 2" True Union Flanged | PVC | FLV11D20FV | \$15,227.15 |

| END CONN. | MATERIAL | PART NO. | LIST PRICE |
|-------------------------------|----------|-------------|-------------|
| 2" True Union Socket/Threaded | CPVC | FLV21D20STV | \$12,532.50 |
| 2" True Union Flanged | CPVC | FLV21D20FV | \$16,919.10 |



FILTER BAGS

PP, POLYESTER AND NYLON FILTER BAGS

Sewn and Welded Construction

SOLD BY CARTON QUANTITY ONLY - 50 BAGS EACH CARTON

Polypropylene needle felt bags are glazed finish and Polyester needle felt bags are singed finish.

PP NEEDLE FELT GLAZED FILTER BAGS – WELDED WITH SEWN PP RING

| | SINGLE LENGTH* | | DOUBLE LENGTH* | |
|------------|----------------|-----------------------|----------------|-----------------------|
| MICRON | PART NO. | LIST PRICE PER BOX | PART NO. | LIST PRICE PER BOX |
| 1 micron | PO001G1PRSHB | \$542.85 | PO001G2PRSHB | \$750.75 |
| 5 micron | PO005G1PRSHB | \$464.90 | PO005G2PRSHB | \$591.95 |
| 10 micron | PO010G1PRSHB | \$464.90 | PO010G2PRSHB | \$591.95 |
| 25 micron | PO025G1PRSHB | \$464.90 | PO025G2PRSHB | \$591.95 |
| 50 micron | PO050G1PRSHB | \$464.90 | PO050G2PRSHB | \$591.95 |
| 100 micron | PO100G1PRSHB | \$464.90 | PO100G2PRSHB | \$591.95 |
| 200 micron | PO200G1PRSHB | \$464.90 | PO200G2PRSHB | \$591.95 |

PP NEEDLE FELT GLAZED FILTER BAGS – WELDED & PP FLANGE & PP HANDLES

| | SINGLE LENGTH* | | DOUBLE LENGTH* | |
|------------|----------------|-----------------------|----------------|-----------------------|
| MICRON | PART NO. | LIST PRICE PER BOX | PART NO. | LIST PRICE PER BOX |
| 1 micron | PO001G1PFWFB | \$464.90 | PO001G2PFWFB | \$687.25 |
| 5 micron | PO005G1PFWFB | \$386.95 | PO005G2PFWFB | \$531.30 |
| 10 micron | PO010G1PFWFB | \$386.95 | PO010G2PFWFB | \$531.30 |
| 25 micron | PO025G1PFWFB | \$386.95 | PO025G2PFWFB | \$531.30 |
| 50 micron | PO050G1PFWFB | \$386.95 | PO050G2PFWFB | \$531.30 |
| 100 micron | PO100G1PFWFB | \$386.95 | PO100G2PFWFB | \$531.30 |
| 200 micron | PO200G1PFWFB | \$386.95 | PO200G2PFWFB | \$531.30 |

POLYESTER NEEDLE FELT SINGED FILTER BAGS – SEWN CONSTRUCTION & PP RING

| | SINGLE LENGTH* | | DOUBLE LENGTH* | |
|------------|----------------|-----------------------|----------------|-----------------------|
| MICRON | PART NO. | LIST PRICE PER BOX | PART NO. | LIST PRICE PER BOX |
| 1 micron | PE001S1PRSHB | \$519.75 | PE001S2PRSHB | \$719.00 |
| 5 micron | PE005S1PRSHB | \$441.80 | PE005S2PRSHB | \$571.75 |
| 10 micron | PE010S1PRSHB | \$441.80 | PE010S2PRSHB | \$571.75 |
| 25 micron | PE025S1PRSHB | \$441.80 | PE025S2PRSHB | \$571.75 |
| 50 micron | PE050S1PRSHB | \$441.80 | PE050S2PRSHB | \$571.75 |
| 100 micron | PE100S1PRSHB | \$441.80 | PE100S2PRSHB | \$571.75 |
| 200 micron | PE200S1PRSHB | \$441.80 | PE200S2PRSHB | \$571.75 |

* FLV bag filters use single length 7" x 16" No. 1 bags or double length 7" x 32" No. 2 bags.
Color may vary.



FILTER BAGS (cont.)

PP, POLYESTER AND NYLON FILTER BAGS

Sewn and Welded Construction

SOLD BY CARTON QUANTITY ONLY - 50 BAGS EACH CARTON

Polypropylene needle felt bags are of glazed finish and Polyester needle felt bags are of singed finish.

POLYESTER NEEDLE FELT SINGED FILTER BAGS – WELDED & PP FLANGE & PP HANDLES

| | SINGLE LENGTH* | | DOUBLE LENGTH* | |
|------------|----------------|-----------------------|----------------|-----------------------|
| MICRON | PART NO. | LIST PRICE PER BOX | PART NO. | LIST PRICE PER BOX |
| 1 micron | PE001S1PFWFB | \$441.80 | PE001S2PFWFB | \$664.15 |
| 5 micron | PE005S1PFWFB | \$372.50 | PE005S2PFWFB | \$508.20 |
| 10 micron | PE010S1PFWFB | \$372.50 | PE010S2PFWFB | \$508.20 |
| 25 micron | PE025S1PFWFB | \$372.50 | PE025S2PFWFB | \$508.20 |
| 50 micron | PE050S1PFWFB | \$372.50 | PE050S2PFWFB | \$508.20 |
| 100 micron | PE100S1PFWFB | \$372.50 | PE100S2PFWFB | \$508.20 |
| 200 micron | PE200S1PFWFB | \$372.50 | PE200S2PFWFB | \$508.20 |

PP MONOFILAMENT MESH FILTER BAGS – SEWN & PP RING

| | SINGLE LENGTH* | | DOUBLE LENGTH* | |
|------------|----------------|-----------------------|----------------|-----------------------|
| MICRON | PART NO. | LIST PRICE PER BOX | PART NO. | LIST PRICE PER BOX |
| 150 micron | PMO150M1PRSHB | \$791.20 | PMO150M2PRSHB | \$1,091.50 |
| 400 micron | PMO400M1PRSHB | \$791.20 | PMO400M2PRSHB | \$1,091.50 |
| 600 micron | PMO600M1PRSHB | \$641.00 | PMO600M2PRSHB | \$1,036.60 |
| 800 micron | PMO800M1PRSHB | \$641.00 | PMO800M2PRSHB | \$1,036.60 |

NYLON MONOFILAMENT MESH FILTER BAGS – SEWN & PP RING

| | SINGLE LENGTH* | | DOUBLE LENGTH* | |
|------------|----------------|-----------------------|----------------|-----------------------|
| MICRON | PART NO. | LIST PRICE PER BOX | PART NO. | LIST PRICE PER BOX |
| 150 micron | NMO150M1PRSHB | \$779.65 | NMO150M2PRSHB | \$1,082.80 |
| 400 micron | NMO400M1PRSHB | \$779.65 | NMO400M2PRSHB | \$1,082.80 |
| 600 micron | NMO600M1PRSHB | \$632.35 | NMO600M2PRSHB | \$1,025.05 |
| 800 micron | NMO800M1PRSHB | \$632.35 | NMO800M2PRSHB | \$1,025.05 |

* FLV bag filters use single length 7" x 16" No. 1 bags or double length 7" x 32" No. 2 bags.
Color may vary.



CFLV SERIES CARTRIDGE FILTERS - SIMPLEX & DUPLEX

FLV Cartridge Filters feature a one piece, injection molded thermoplastic

Platinum Glass Filled Polypropylene body with FPM Seals.

Cartridges and Required Cartridge Adapter Kits sold separately. Refer to page 86. NEW HDPE Transition Fittings available for select sizes, see [page 17](#).

SIMPLEX DOUBLE LENGTH CARTRIDGE FILTERS

| END CONN. | END CONN. MAT. | PART NO. | LIST PRICE |
|---------------------|----------------|---------------|------------|
| 2" Threaded | GFPP | CFLV4P2S20T4V | \$2,321.85 |
| 2" Flanged | GFPP | CFLV4P2S20F4V | \$3,020.40 |
| 3" Threaded | GFPP | CFLV4P2S30T4V | \$2,667.05 |
| 4" Threaded | GFPP | CFLV4P2S40T4V | \$3,769.50 |
| 2" Socket | CPVC | CFLV4P2S20S2V | \$2,615.10 |
| 3" Socket | CPVC | CFLV4P2S30S2V | \$3,527.45 |
| 4" Socket | CPVC | CFLV4P2S40S2V | \$4,286.85 |
| 2" Socket | PVC | CFLV4P2S20S1V | \$2,464.60 |
| 3" Socket | PVC | CFLV4P2S30S1V | \$3,335.20 |
| 4" Socket | PVC | CFLV4P2S40S1V | \$3,983.15 |
| 2" Socket Fusion | PP | CFLV4P2S20S3V | \$2,321.85 |
| DN50 Socket Fusion | PP | CFLV4P2S5MS3V | \$2,321.85 |
| 3" Socket Fusion* | PP | CFLV4P2S30S3V | \$3,335.20 |
| DN80 Socket Fusion | PP | CFLV4P2S8MS3V | \$3,335.20 |
| 4" Socket Fusion* | PP | CFLV4P2S40S3V | \$3,769.50 |
| DN100 Socket Fusion | PP | CFLV4P2S1MS3V | \$3,769.50 |

SIMPLEX DOUBLE LENGTH CARTRIDGE FILTERS FOR REPLACEMENT OF PP FLT SERIES

| END CONN. | END CONNECTION/MATERIAL | PART NO. | LIST PRICE |
|-----------|---|----------------|------------|
| 2" | Double Length Filter Vessel With Female NPT Ports | CFLV4P2S20D4V | \$2,400.45 |
| 2" | Double Length Filter Vessel With GFPP Flanges | CFLV4P2S20DF4V | \$3,273.15 |



CFLV SERIES CARTRIDGE FILTERS - SIMPLEX & DUPLEX (CONT.)

FLV Cartridge Filters feature a one piece, injection molded thermoplastic Platinum Glass Filled Polypropylene body with FPM Seals.

Cartridges and Cartridge Adapter Kits sold separately. Refer to page 86. HDPE Transition Fittings available for select sizes, see [page 17](#).

SIMPLEX SINGLE LENGTH CARTRIDGE FILTERS

| END CONN. | END CONN. MAT. | PART NO. | LIST PRICE |
|--------------------|----------------|---------------|------------|
| 2" Threaded | GFPP | CFLV4P1S20T4V | \$2,090.45 |
| 2" Socket | CPVC | CFLV4P1S20S2V | \$2,790.95 |
| 2" Socket | PVC | CFLV4P1S20S1V | \$2,383.70 |
| 2" Flanged | GFPP | CFLV4P1S20F4V | \$2,212.75 |
| 2" Socket Fusion | PP | CFLV4P1S20S3V | \$2,090.45 |
| DN50 Socket Fusion | PP | CFLV4P1S5MS3V | \$1,995.40 |

SIMPLEX SINGLE LENGTH CARTRIDGE FILTERS FOR REPLACEMENT OF PP FLT SERIES

| END CONN. | END CONNECTION/MATERIAL | PART NO. | LIST PRICE |
|-----------|---|----------------|------------|
| 2" | Single Length Filter Vessel With Female NPT Ports | CFLV4P1S20D4V | \$2,113.25 |
| 2" | Single Length Filter Vessel with GFPP Flanges | CFLV4P1S20DF4V | \$2,929.85 |

DUPLEX DOUBLE LENGTH CARTRIDGE FILTERS

| END CONN. | END CONNECTION/MATERIAL | PART NO. | LIST PRICE |
|-----------|---|----------------|------------|
| 2" | GFPP Double Length Filter Vessel w/CPVC Socket & Threaded End Connections | CFLV4P2D20ST2V | POA |
| 3" | GFPP Double Length Filter Vessel w/CPVC Socket End Connections | CFLV4P2D30S2V | POA |
| 4" | GFPP Double Length Filter Vessel w/CPVC Socket End Connections | CFLV4P2D40S2V | POA |
| 2" | GFPP Double Length Filter Vessel w/CPVC Flanged End Connections | CFLV4P2D20F2V | POA |
| 3" | GFPP Double Length Filter Vessel w/CPVC Flanged End Connections | CFLV4P2D30F2V | POA |
| 4" | GFPP Double Length Filter Vessel w/CPVC Flanged End Connections | CFLV4P2D40F2V | POA |

DUPLEX SINGLE LENGTH CARTRIDGE FILTERS FOR REPLACEMENT OF PP FLT SERIES

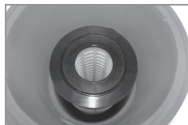
| END CONN. | END CONNECTION/MATERIAL | PART NO. | LIST PRICE |
|-----------|---|----------------|------------|
| 2" | GFPP Single Length Filter Vessel w/CPVC Socket & Threaded End Connections | CFLV4P1D20ST2V | POA |
| 2" | GFPP Single Length Filter Vessel w/CPVC Flanged End Connections | CFLV4P1D20F2V | POA |



CFLV SERIES CARTRIDGE FILTER ADAPTER KITS

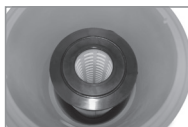
The CFLV Series cartridge filter is designed to accommodate various cartridge elements. Our cartridge adapter kits are manufactured in polypropylene, and cover Hayward cartridges as well as cartridges from other manufacturers. Installation is easy and fast. For detailed installation, please follow the instruction manual included with each kit.

Cartridges are sold separately.



CFLV SERIES CARTRIDGE FILTER ADAPTER KIT FOR INSTALLATION OF SINGLE (1) CARTRIDGES/HAYWARD

| DESCRIPTION | PART NO. | LIST PRICE |
|---|------------|------------|
| Cartridge Adapter, For Single Length Series Cartridge Filter, Cartridge 7" x 16" (DOE) | CFLVKIT716 | \$650.05 |
| Cartridge Adapter, For Double Length Series Cartridge Filter, Cartridge 7" x 16" (DOE) Double Stacked | CFLVKIT732 | \$679.10 |
| Cartridge Adapter, For Double Length Series Cartridge Filter, Cartridge 7" x 30" (DOE) | CFLVKIT730 | \$650.05 |



CFLV SERIES CARTRIDGE FILTER ADAPTER KIT FOR INSTALLATION OF SINGLE (1) CARTRIDGES/OTHER MANUFACTURERS****

| DESCRIPTION | PART NO. | LIST PRICE |
|---|------------|------------|
| Cartridge Adapter, For Single Length Series Cartridge Filter, Cartridge 4-1/2" x 10"*** (DOE or 222 CAP)* | CFLVKIT410 | \$650.05 |
| Cartridge Adapter, For Double Length Series Cartridge Filter, Cartridge 4-1/2" x 30"*** (DOE or 222 CAP)* | CFLVKIT430 | \$650.05 |
| Cartridge Adapter, For Single Length Series Cartridge Filter, Cartridge 7-3/4" x 10"**** (DOE) | CFLVKIT810 | \$650.05 |
| Cartridge Adapter, For Double Length Series Cartridge Filter, Cartridge 7-3/4" x 30"**** (DOE) | CFLVKIT830 | \$650.05 |



CFLV SERIES CARTRIDGE FILTER ADAPTER KIT FOR INSTALLATION OF MULTIPLE (5) CARTRIDGES/HAYWARD AND OTHER MANUFACTURERS****

| DESCRIPTION | PART NO. | LIST PRICE |
|--|------------|------------|
| Cartridge Adapter, For Single Length Series Cartridge Filter, Cartridge 2-1/2"-2-3/4" x 10"*** (DOE or 222 CAP)* | MFLVKIT210 | \$1,154.35 |
| Cartridge Adapter, For Double Length Series Cartridge Filter, Cartridge 2-1/2"-2-3/4" x 30"*** (DOE or 222 CAP)* | MFLVKIT230 | \$1,154.35 |

• Consult factory for other cartridge kit sizes.

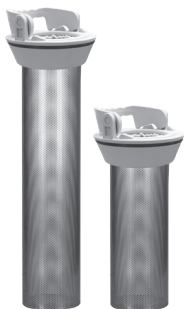
• Some kits contain dual purpose components.

* Designated adapters are designed to work with DOE and 222 End Connectors. When using 222 FIN cartridges, please contact factory for options before ordering adapters.

** ID minimum of 1".

*** ID minimum of 2-5/8".

**** When using non-Hayward manufactured cartridges, it is suggested to check cartridge dimensions and/or consult factory for proper fit.



FLV SERIES STAINLESS STEEL BASKETS

Available in both single and double lengths, the 316 Stainless Steel basket provides a highly efficient option for increased differential pressure conditions. The basket itself provides the structural strength required when processing highly viscous materials or when experiencing high solids loading.

The construction of this basket prevents by-pass of unprocessed fluids. With enhanced strength, it allows for a wide application range for the FLV Series bag filters. The large open area ratio, robust construction and easy installation makes this design an optimal choice for demanding chemical and corrosive applications. Features 316 SS baskets with basket ring assembly* and FPM seals. For EPDM, change suffix "VS" to "ES." List prices same as FPM. **Use with PP ring style bag.**

If a filter vessel is needed, choose CFLV Series Filters from [pages 84-85](#).

SINGLE LENGTH FLV - FPM WITH BASKET RING ASSEMBLY*

| PERFORATION | PART NO. | LIST PRICE |
|-------------|--------------|------------|
| 5/32" | FLXV701532VS | \$2,893.25 |

DOUBLE LENGTH FLV - FPM WITH BASKET RING ASSEMBLY*

| PERFORATION | PART NO. | LIST PRICE |
|-------------|--------------|------------|
| 5/32" | FLXV702532VS | \$3,110.50 |



SINGLE CARTRIDGE FILTERS FOR 2-1/2" CARTRIDGES

Used to filter fine particles from process fluid. Available in 10", 20" and 30" heights in PVC and CPVC. The single, double open-ended cartridge is not supplied with the unit and must be purchased separately. Cartridges are NOT stackable. The maximum flow rate per 10" length is 5 GPM. FPM seal is standard.

Select 2-1/2" PP pleated cartridges from [page 88](#).

| MATERIAL | PART NO. | INLET (FNPT) | OUTLET (MNPT) | PLEATED CARTRIDGE FILTER AREA | APPROX. SHIPPING WEIGHT | LIST PRICE |
|------------|----------|--------------|---------------|-------------------------------|-------------------------|------------|
| PVC - 10" | FLT110 | 3/4" | 3/4" | 4.5 sq ft | 7 lbs | \$749.40 |
| CPVC - 10" | FLT210 | 3/4" | 3/4" | 4.5 sq ft | 7 lbs | \$999.15 |
| PVC - 20" | FLT120 | 3/4" | 3/4" | 9.0 sq ft | 12 lbs | \$899.95 |
| CPVC - 20" | FLT220 | 3/4" | 3/4" | 9.0 sq ft | 12 lbs | \$1,248.70 |
| PVC - 30" | FLT130 | 3/4" | 3/4" | 13.5 sq ft | 17 lbs | \$1,165.65 |
| CPVC - 30" | FLT230 | 3/4" | 3/4" | 13.5 sq ft | 17 lbs | \$1,498.40 |



FILTER CARTRIDGES

Sold by CARTON QUANTITY ONLY

2-1/2" PP PLEATED CARTRIDGES - PVC DOE 25 FILTERS PER CARTON

| 10" LENGTH | | | 30" LENGTH | | |
|------------|-----------|-----------------------|------------|-----------|-----------------------|
| MICRON | PART NO. | LIST PRICE PER CARTON | MICRON | PART NO. | LIST PRICE PER CARTON |
| 1 micron | PO001P210 | \$75.30 | 1 micron | PO001P230 | \$151.70 |
| 5 micron | PO005P210 | \$73.25 | 5 micron | PO005P230 | \$143.75 |
| 10 micron | PO010P210 | \$66.90 | 10 micron | PO010P230 | \$135.90 |
| 30 micron | PO030P210 | \$63.65 | 30 micron | PO030P230 | \$118.30 |

| 20" LENGTH | | |
|------------|-----------|-----------------------|
| MICRON | PART NO. | LIST PRICE PER CARTON |
| 1 micron | PO001P220 | \$108.90 |
| 5 micron | PO005P220 | \$102.80 |
| 10 micron | PO010P220 | \$97.25 |
| 30 micron | PO030P220 | \$85.70 |



7" PP PLEATED CARTRIDGES – PVC DOE 4 FILTERS PER CARTON

| 16" LENGTH | | | 30" LENGTH | | |
|------------|-----------|-----------------------|------------|-----------|-----------------------|
| MICRON | PART NO. | LIST PRICE PER CARTON | MICRON | PART NO. | LIST PRICE PER CARTON |
| 1 micron | PO001P716 | \$434.65 | 1 micron | PO001P730 | \$640.45 |
| 5 micron | PO005P716 | \$414.10 | 5 micron | PO005P730 | \$610.90 |
| 10 micron | PO010P716 | \$354.65 | 10 micron | PO010P730 | \$535.35 |
| 30 micron | PO030P716 | \$247.20 | 30 micron | PO030P730 | \$356.95 |

7" PE CELLULOSE PLEATED CARTRIDGES - PVC DOE 4 FILTERS PER CARTON

| 16" LENGTH | | |
|------------|-----------|-----------------------|
| MICRON | PART NO. | LIST PRICE PER CARTON |
| 5 micron | PE005P716 | \$229.15 |



FLV AND CFLV SERIES OPTIONS PRESSURE DIFFERENTIAL GAUGE ASSEMBLIES

Pressure Differential gauges show the difference between the inlet and outlet pressures and indicate when to change out the bag. The assemblies have tubing and a metal body that contacts the process fluid.



FLTDPSW

| NAME/DESCRIPTION | PART NO. | LIST PRICE |
|---|---|------------|
| Pressure Differential Gauge Kit and Mount for GFPP Assembly Aluminum body with nylon polytube and quick disconnect brass nylon fittings | FLTDPAL | \$1,307.50 |
| Pressure Differential Gauge Kit and Mount for GFPP Assembly SS body with braided SS reinforced PTFE tubing | FLTD PSS | \$1,613.80 |
| Pressure Differential Gauge Kit and Mount for PVC Assembly Aluminum body with nylon polytube and quick disconnect brass nylon fittings | FLV1DPAL | \$1,654.90 |
| Pressure Differential Gauge Kit and Mount for PVC Assembly SS body with braided SS reinforced PTFE tubing | FLV1DPSS | \$1,961.35 |
| Pressure Differential Gauge Kit and Mount for CPVC Assembly Aluminum body with nylon polytube and quick disconnect brass nylon fittings | FLV2DPAL | \$1,654.90 |
| Pressure Differential Gauge Kit and Mount for CPVC Assembly SS body with braided SS reinforced PTFE tubing | FLV2DPSS | \$1,961.35 |
| Pressure Differential Switch Option – Control a remote electrical device when a set differential pressure is reached. Nema 4 rated with one SPDT switch rated at .25 amp at 120 VAC. DIN type electrical connector for use with SJ type rubber cord wire | FLTDPSW | \$467.65 |
| Pressure Gauge Kits – Pressure gauge assembly kit includes 2x 0-100psi gauges for mounting on boss points. | GGKITSS Stainless Steel (GG160DUALFILL Gauge Included)* | \$300.10 |
| Drill and Tap for Differential Gauge – Adder for FLV Series ONLY | -P SUFFIX | \$182.90 |

NOTE: Available for filter vessels only.

* See page 99 for gauges.



LS SERIES AQUATIC SAND FILTER

The LS Series Aquatic Sand Filter comes in 31" and 36" spherical design. It's ideal for sensitive aquatic environments or salt water systems due to its corrosion resistant housing and base.

The LS Series features all hardware in 316 Stainless Steel, including the pressure gauge. The sand filter comes without the multiport valve, which must be ordered separately.

| DESCRIPTION | FLOW RATE | APPROXIMATE SHIPPING WEIGHT lbs / kg | PART NUMBER | LIST PRICE |
|----------------------------|-----------|---|-------------|------------|
| LS Aquatic Sand Filter 31" | 99 GPM | 75 / 34.09 | LS311SX | \$1,302.95 |
| LS Aquatic Sand Filter 36" | 130 GPM | 124 / 56.36 | LS360SX | \$1,756.05 |

| DESCRIPTION | POSITIONS | APPROXIMATE SHIPPING WEIGHT lbs / kg | PART NUMBER | LIST PRICE |
|----------------------------|-----------|---|-------------|------------|
| LS Aquatic Multiport Valve | 6 | 8 / 3.64 | LS0715X62 | \$366.35 |



HCF SERIES COMMERCIAL SAND FILTER

The HCF Commercial Laminated Sand Filter available in 30", 34" and 36" sizes and Bobbin Wound available in 42", 48", 55" and 63". Flow rates up to 433GPM and PVC and ABS injection-molded internals with 360° slotted laterals.

| DESCRIPTION | FLOW RATE | APPROXIMATE SHIPPING WEIGHT lbs / kg | PART NUMBER | LIST PRICE |
|--|-----------|---|-------------|-------------|
| LAMINATED | | | | |
| HCF Series Laminated FRP Sand, 30", 2" Ports | 98 GPM | 141 / 64 | HCF230C | \$1,587.10 |
| HCF Series Laminated FRP Sand, 34", 2" Ports | 126 GPM | 167 / 76 | HCF234C | \$2,073.05 |
| HCF Series Laminated FRP Sand, 36", 2.5" Ports | 141 GPM | 200 / 91 | HCF236C | \$2,214.45 |
| HCF Series Laminated FRP Sand, 36", 3" Ports, FLGD | 141 GPM | 200 / 91 | HCF336C | \$2,740.25 |
| BOBBIN WOUND | | | | |
| Filter Comm Sand, 42" DIA, 3" Ports | 197 GPM | 265 / 120 | HCF342C | \$4,604.50 |
| Filter Comm Sand, 48" DIA, 3" Ports | 264 GPM | 316 / 143 | HCF348C | \$9,069.80 |
| Filter Comm Sand, 55" DIA, 4" Ports | 330 GPM | 640 / 290 | HCF455C | \$12,077.00 |
| Filter Comm Sand, 63" DIA, 6" Ports | 433 GPM | 739 / 335 | HCF663C | \$17,151.40 |

NOTE: Shipped LTL only



HCF SERIES COMMERCIAL SAND FILTER (CONT.)

The HCF Commercial Laminated Sand Filter available in 30", 34" and 36" sizes and Bobbin Wound available in 42", 48", 55" and 63". Flow rates up to 433GPM and PVC and ABS injection-molded internals with 360° slotted laterals.

| DESCRIPTION | POSITIONS | APPROXIMATE SHIPPING WEIGHT lbs / kg | PART NUMBER | LIST PRICE |
|--|-----------|---|-------------|------------|
| 2" Commercial Multiport Valve Side Mount | 6 | 7 / 3 | HCV275C | \$423.45 |
| 2.5" Commercial Multiport Valve Side Mount | 6 | 15 / 7 | HCV2575C | \$719.40 |
| 3" Commercial Multiport Valve Side Mount | 6 | 20 / 9 | HCV375C | \$1,099.45 |
| 4" Commercial Multiport Valve Side Mount | 6 | 21 / 10 | HCV475C | \$1,846.00 |

NOTE: Shipped LTL only



HLS SERIES ADVANCED PRESSURE LEVEL TRANSMITTER

Employs advanced design features to ensure highly accurate and repeatable measurements in a wide range of liquid applications, chemically resistant CPVC body, laser etched model and SN, FEP-coated cable, includes desiccant tube for protection of breather tube from moisture ingress.

| ELASTOMER MATERIAL | MAX LEVEL FT/H ₂ O | CABLE LENGTH | PART NO. | LIST PRICE |
|--------------------|-------------------------------|--------------|------------|------------|
| EPDM | 6' | 20' | HLS233E000 | \$1,287.60 |
| FPM | 6' | 20' | HLS233F000 | \$1,287.60 |
| EPDM | 15' | 30' | HLS211E000 | \$1,287.60 |
| FPM | 15' | 30' | HLS211F000 | \$1,287.60 |
| EPDM | 33' | 50' | HLS222E000 | \$1,452.25 |
| FPM | 33' | 50' | HLS222F000 | \$1,452.25 |

| DESCRIPTION | PART NO. | LIST PRICE |
|----------------------------|----------|------------|
| Desiccant tube in housing | HLSPMP10 | \$55.75 |
| Moisture Protection Volume | HLSPMP11 | \$152.55 |
| Ceramic Sink Weight | HLSCW | \$82.60 |



HLST200 SERIES LEVEL PROCESS DISPLAY

Digital Indicating Level Transmitter, NEMA 4X/IP65 front protection, 1/4 DIN chassis, 100-240 VAC power, bright, configurable multi-color LCD display, programmable Relays (2), Open Collectors (2) and dual analog outputs, provides a second channel for PT100/PT1000 RTD input.

| OUTPUT | PART NO. | LIST PRICE |
|------------------------|----------|------------|
| 4-20mA input + RTD | HLST200 | \$1,200.45 |
| NEMA 4X/IP65 Enclosure | HMCENC | \$328.60 |



HMC200 SERIES MULTI-PARAMETER CONTROLLER

Multi-Parameter controller offers a single channel for pH, ORP, Conductivity or Flow measurement, indication and control. No optional cards are required for full functionality. Three standard relays allow for precise control of a wide range of processes, including Hayward actuated valves. One of the two analog outputs (4-20 mA) is connected to a PID control loop, allowing the HMC200 to closely track process variable changes and prevent over-shoot. Complete NEMA 4X enclosure is suitable for use in tough, industrial environments. Built-in Auto-Calibration for pH, ORP and Conductivity.

| OUTPUT | PART NO. | LIST PRICE |
|--------|----------|------------|
| 4-20mA | HMC200 | \$2,419.80 |



HMC300 SERIES WEB ENABLED MULTI-PARAMETER CONTROLLER

Web enabled multi-parameter controller offers inputs for four 4-20 mA sensors of any kind in any combination such as pH, ORP, Conductivity dissolved O₂, Chlorine level and more as well as three frequency inputs or pulse counters including Hayward HEX Flow Sensors. Four relay outputs are programmable for any of the seven inputs as well as differential measurement between two analog inputs. 100% web enabled from set-up to data collection to remote viewing with password protection. Data logging is downloadable from web with direct Modbus/TCP communication. Alarm notifications can be configured for email/text notifications and display for each input.

| OUTPUT | PART NO. | LIST PRICE |
|--------|----------|------------|
| 4-20mA | HMC300 | \$5,521.95 |

PRO ELECTRODES



Rugged Molded ABS body, large reservoir of solid PP reference material, 3/4" MNPT process connection, 10 ft of cable with BNC connector, porous PTFE junction resists blockage. Use with CAT Controllers and ZRD metering pumps.

| OUTPUT | PART NO. | LIST PRICE |
|--------|----------|------------|
| pH | PRO15-10 | \$759.15 |
| ORP | PRO25-10 | \$759.15 |

INDUSTRIAL ELECTRODES



pH and ORP models molded Ryton body, 1" MNPT connections on both ends. Differential measurement technology, rebuild-able, 15' cable. Blind 4-20 mA output (directly into PLC or HMC 300) or standard 5-wire (most pH/ORP controllers + HMC 200).

| OUTPUT | PART NO. | LIST PRICE |
|-----------------------|-----------|------------|
| pH with 4-20mA output | HP65R5015 | \$1,091.50 |
| pH with 5-wire | HP60R5015 | \$1,048.15 |
| ORP with 4-20mA | HR65R5015 | \$1,030.05 |
| ORP with 5-wire | HR60R5015 | POA |

HEX800 SERIES INSERTION MAGNETIC FLOWMETER

No moving parts, 0.28 to 20 FPS flow range, Cast Aluminum Housing, PVC body, Hastelloy™C Electrodes, EPDM o-Ring, Built-in Indicating Transmitter displays Flow rate, Total and provides 4-20mA output signal, 24 VDC powered, full line of **required** matching insertion fittings available. Optional Batching Controller available...contact factory for details.



| LINE SIZE | PART NO. | LIST PRICE |
|-----------------|----------|------------|
| Line size 1-3" | HEX819P | \$2,347.80 |
| Line Size 4-10" | HEX829P | \$2,383.50 |
| Line Size 12" | HEX839P | \$2,575.65 |

| INSERTION TEE FITTINGS | | | |
|------------------------|--------------|-------------|------------|
| SIZE | MATERIAL | PART NO. | LIST PRICE |
| 1" | PVC | HEF81TP100 | \$302.20 |
| 1 1/2" | PVC | HEF81TP150 | \$306.70 |
| 2" | PVC | HEF81TP200 | \$327.80 |
| 1" | Carbon Steel | HEF81TC100 | \$362.00 |
| 1 1/2" | Carbon Steel | HEF81TC150 | \$444.70 |
| 2" | Carbon Steel | HEF81TC200 | \$527.95 |
| 1" | Stainless | HEF81TS100 | \$527.95 |
| 1 1/2" | Stainless | HEF81TS150 | \$742.15 |
| 2" | Stainless | HEF81TS200 | \$763.65 |
| SADDLE FITTINGS | | | |
| SIZE | MATERIAL | PART NO. | LIST PRICE |
| 3" | PVC | HEF82SP300 | \$282.15 |
| 4" | PVC | HEF82SP400 | \$328.15 |
| 6" | PVC | HEF82SP600 | \$366.50 |
| 8" | PVC | HEF82SP800 | \$438.55 |
| 3" 3.45-4.05 OD range | Iron | HEF82SF300 | \$621.15 |
| 4" 4-4.50 OD range | Iron | HEF82SF400 | \$536.70 |
| 6" 6-6.63 OD range | Iron | HEF82SF600 | \$621.15 |
| 8" 8-8.63 OD range | Iron | HEF82SF800 | \$697.75 |
| 10" 10-11.10 OD range | Iron | HEF82SF1000 | \$837.30 |
| 12" 12-13.20 OD range | Iron | HEF82SF1200 | \$1,035.20 |

GG SERIES GAUGES AND GAUGE GUARDS

GAUGE GUARD ONLY - NO GAUGE INSTALLED

All Gauge Guards have an FPM diaphragm and are rated to 150 PSI at 70°F.



| SIZE | MATERIAL | PART NO. | LIST PRICE |
|-------------|----------|-----------|------------|
| 1/4" X 1/4" | PVC | GG125X25 | \$150.90 |
| 1/4" X 1/2" | PVC | GG125X50 | \$150.90 |
| 1/4" X 1/4' | CPVC | GG225X25 | \$179.90 |
| 1/4" x 1/2" | CPVC | GG225X50 | \$179.90 |
| 1/4" x 1/4" | PP | GG3025X25 | \$212.55 |
| 1/4" x 1/2" | PVDF | GG5025X50 | \$232.95 |

GAUGE GUARD WITH STANDARD GAUGE* INSTALLED



| SIZE | MATERIAL | GAUGE | PART NO. | LIST PRICE |
|-------------|----------|--------------|-------------|------------|
| 1/4" X 1/4" | PVC | 0 to 30 PSI | GG125X25030 | \$235.80 |
| 1/4" X 1/4" | PVC | 0 to 60 PSI | GG125X25060 | \$235.80 |
| 1/4" X 1/4' | PVC | 0 to 160 PSI | GG125X25160 | \$235.80 |
| 1/4" x 1/2" | PVC | 0 to 30 PSI | GG125X50030 | \$235.80 |
| 1/4" x 1/2" | PVC | 0 to 60 PSI | GG125X50060 | \$235.80 |
| 1/4" x 1/2" | PVC | 0 to 160 PSI | GG125X50160 | \$235.80 |
| 1/4" X 1/4" | CPVC | 0 to 30 PSI | GG225X25030 | \$266.35 |
| 1/4" X 1/4" | CPVC | 0 to 60 PSI | GG225X25060 | \$266.35 |
| 1/4" X 1/4' | CPVC | 0 to 160 PSI | GG225X25160 | \$266.35 |
| 1/4" x 1/2" | CPVC | 0 to 30 PSI | GG225X50030 | \$263.70 |
| 1/4" x 1/2" | CPVC | 0 to 60 PSI | GG225X50060 | \$263.70 |
| 1/4" x 1/2" | CPVC | 0 to 160 PSI | GG225X50160 | \$263.70 |
| 1/4" X 1/4" | PP | 0 to 30 PSI | GG303025 | \$273.10 |
| 1/4" X 1/4" | PP | 0 to 60 PSI | GG306025 | \$273.10 |
| 1/4" X 1/4' | PP | 0 to 160 PSI | GG316025 | \$273.10 |
| 1/4" X 1/2" | PVDF | 0 to 160 PSI | GG516050 | \$301.05 |

* Shipped assembled: Gauge (not liquid-filled) is attached to Guard which is filled with hydraulic fluid.

STANDARD GAUGES ONLY

Gauges are dual scaled (PSI & kg/cm²) and are available in three different PSI ratings.



| SIZE | GAUGE | PART NO. | LIST PRICE |
|------|--------------|-----------|------------|
| 2" | 0 to 30 PSI | GG030DUAL | \$73.60 |
| 2" | 0 to 60 PSI | GG060DUAL | \$73.60 |
| 2' | 0 to 160 PSI | GG160DUAL | \$85.20 |

GAUGE GUARD W/STAINLESS STEEL LIQUID FILLED GAUGE* INSTALLED



| SIZE | MATERIAL | GAUGE | PART NO. | LIST PRICE |
|-------------|----------|--------------|---------------|------------|
| 1/4" X 1/4" | PVC | 0 to 160 PSI | GG125X25160SL | \$296.75 |
| 1/4" X 1/2" | PVC | 0 to 160 PSI | GG125X50160SL | \$296.75 |
| 1/4" X 1/4' | CPVC | 0 to 160 PSI | GG225X25160SL | \$326.65 |
| 1/4" x 1/2" | CPVC | 0 to 160 PSI | GG225X50160SL | \$326.65 |
| 1/4" x 1/4" | PP | 0 to 160 PSI | GG316025SL | \$332.25 |
| 1/4" x 1/2" | PVDF | 0 to 160 PSI | GG516050SL | \$370.90 |

* Shipped assembled: Gauge (Glycerin-filled) is attached to Guard (filled with hydraulic fluid).

STAINLESS STEEL LIQUID FILLED GAUGES ONLY

Gauge has stainless steel housing and is liquid-filled. Gauge face shows dual rating of PSI and kg/cm². Available in 160 PSI only.



| SIZE | GAUGE | PART NO. | LIST PRICE |
|--------|--------------|---------------|------------|
| 2-1/2" | 0 to 160 PSI | GG160DUALFILL | \$153.40 |

Z SERIES SOLENOID DIAPHRAGM METERING PUMPS



ANALOG INTERFACE

The Z Series Solenoid Diaphragm Metering Pumps brings simplicity to your metering pump needs in all aspects of design, function and performance. The Z Series features only one design configuration, with front facing controls and tube connections, allowing for easy and flexible installation. Complete Kit includes PVDF foot valve, PVDF injection valve and tubing, floor stand and wall bracket.

| ZMA CONSTANT DOSAGE | | FPM SEALS | | EPDM SEALS | |
|---------------------|----------------------------|-------------|------------|-------------|------------|
| SIZE | FREQUENCY MAX (STROKE/MIN) | PART NO. | List Price | Part No. | LIST PRICE |
| 100 | 160 | ZMA1000V000 | \$1,011.55 | ZMA1000E000 | \$1,011.55 |
| 200 | 300 | ZMA2000V000 | \$1,118.80 | ZMA2000E000 | \$1,118.80 |
| 500 | 300 | ZMA5000V000 | \$1,558.20 | ZMA5000E000 | \$1,558.20 |

| ZPA PROPORTIONAL DOSAGE | | FPM SEALS | | EPDM SEALS | |
|-------------------------|----------------------------|-------------|------------|-------------|------------|
| SIZE | FREQUENCY MAX (STROKE/MIN) | PART NO. | List Price | PART NO. | LIST PRICE |
| 100 | 160 | ZPA1000V000 | \$1,276.75 | ZPA1000E000 | \$1,340.60 |
| 200 | 300 | ZPA2000V000 | \$1,473.30 | ZPA2000E000 | \$1,546.95 |
| 500 | 300 | ZPA5000V000 | \$1,911.60 | ZPA5000E000 | \$2,007.20 |

| ZTA TIMED DOSAGE | | FPM SEALS | | EPDM SEALS | |
|------------------|----------------------------|-------------|-------------|-------------|------------|
| SIZE | FREQUENCY MAX (STROKE/MIN) | PART NO. | Listw Price | PART NO. | List Price |
| 100 | 160 | ZTA1000V000 | \$1,180.20 | ZTA1000E000 | \$1,180.20 |
| 200 | 300 | ZTA2000V000 | \$1,263.20 | ZTA2000E000 | \$1,263.20 |
| 500 | 300 | ZTA5000V000 | \$1,759.20 | ZTA5000E000 | \$1,759.20 |



DIGITAL INTERFACE

The Z Series intuitive digital programming menus are self explanatory and reduce programming time. With its Intelligent Display feature, once a function is selected the pump will only display the parameters to set. Complete Kit includes PVDF foot valve, PVDF injection valve and tubing, floor stand and wall bracket.

| ZPD PROPORTIONAL DOSAGE | | FPM SEALS | | EPDM SEALS | |
|-------------------------|----------------------------|-------------|------------|-------------|------------|
| SIZE | FREQUENCY MAX (STROKE/MIN) | PART NO. | LIST PRICE | PART NO. | List Price |
| 100 | 160 | ZPD1000V000 | \$1,286.60 | ZPD1000E000 | \$1,286.60 |
| 200 | 300 | ZPD2000V000 | \$1,363.05 | ZPD2000E000 | \$1,363.05 |
| 500 | 300 | ZPD5000V000 | \$1,814.80 | ZPD5000E000 | \$1,814.80 |

| ZRD PH/REDOX CONTROL | | FPM SEALS | | EPDM SEALS | |
|----------------------|----------------------------|-------------|------------|-------------|------------|
| SIZE | FREQUENCY MAX (STROKE/MIN) | PART NO. | List Price | PART NO. | List Price |
| 100 | 160 | ZRD1000V000 | \$1,471.05 | ZRD1000E000 | \$1,471.05 |
| 200 | 300 | ZRD2000V000 | \$1,606.05 | ZRD2000E000 | \$1,606.05 |
| 500 | 300 | ZRD5000V000 | \$2,007.60 | ZRD5000E000 | \$2,007.60 |

| ZKD CONSTANT FLOW & TIMER | | FPM SEALS | | EPDM SEALS | |
|---------------------------|----------------------------|-------------|------------|-------------|------------|
| SIZE | FREQUENCY MAX (STROKE/MIN) | PART NO. | List Price | PART NO. | List Price |
| 100 | 160 | ZKD1000V000 | \$1,617.95 | ZKD1000E000 | \$1,617.95 |
| 500 | 300 | ZKD5000V000 | \$2,306.35 | ZKD5000E000 | \$2,306.35 |



Z SERIES MULTIFUNCTION VALVE

PVDF Wetting components and a PTFE diaphragm. The MFV provides adjustment for very low dosing rates via discharge splitting and provides over-pressure protection. The Multifunction valve is mounted on the pump discharge port and allows access to the pump controls.

| PART NO. | DESCRIPTION | List Price |
|----------|--------------------|------------|
| ZMFV500P | For 100/200 Series | \$267.30 |
| ZMFV510P | For 500 Series | \$267.30 |

A-SERIES LIFESTAR XE® AQUATIC PUMPS



The multispeed A-Series LifeStar XE® Aquatic Pump features programmable functionality with up to 6 selectable speeds affording industry leading energy efficiency and easy-access control. Its specialized construction makes it safe for even the most sensitive aquatic habitats. LifeStar pumps features a corrosion resistant Glass Filled Polypropylene housing with a silicon carbide shaft seal and all wetted hardware manufactured from 316 Stainless Steel for superior performance in aquatic applications.



A-SERIES LIFESTAR XE® AQUATIC PUMP

OPEN DRIP PROOF (ODP) MOTOR - SINGLE PHASE 6-SPEED

| DESCRIPTION | RATED HP | VOLTAGE SUPPLY | PHASE | APPROXIMATE SHIPPING WEIGHT lbs / kg | PART NUMBER | LIST PRICE |
|----------------------------------|----------|----------------|-------|---|-------------|------------|
| 1.85 HP Multi Speed Aquatic Pump | 1.85 | 230/115 | 1 | 51 / 23 | 1A3SES16XE | \$2,210.15 |
| 2.25 HP Multi Speed Aquatic Pump | 2.25 | 230/115 | 1 | 51 / 23 | 1A3SES17XE | \$2,628.55 |

LIFESTAR® MV AQUATIC PUMPS

The LifeStar® MV features a corrosion resistant modular Glass Filled Polypropylene (GFPP) housing and modular strainer basket for ease of installation and service. A silicon carbide/silicon carbide shaft seal and all wetted hardware manufactured from 316 Stainless Steel are standard for superior performance in aquatic applications. Heavy-duty TEFC motors are standard for all sizes and models. Available in multi voltages, 1-phase and 3-phase.



LIFESTAR® MV MEDIUM HEAD AQUATIC PUMP

TOTALLY ENCLOSED FAN COOLED (TEFC) MOTOR

| DESCRIPTION | RATED HP | VOLTAGE RANGE | PHASE | APPROXIMATE SHIPPING WEIGHT lbs / kg | PART NUMBER | LIST PRICE |
|------------------------|----------|--|-------|---|-------------|------------|
| 2 HP 3 PH Aquatic Pump | 2 | 208-230/460 at 60Hz 190/380-415 at 50Hz | 3 | 90 / 41 | 1APSES36 | \$3,062.50 |
| 3 HP 3 PH Aquatic Pump | 3 | 208-230/460 at 60Hz 190/380-415 at 50Hz | 3 | 95 / 43 | 1APSES37 | \$3,382.80 |
| 5 HP 1 PH Aquatic Pump | 5 | 208-230 at 60Hz 220-240 at 50Hz | 1 | 100 / 45 | 1APSES18 | \$4,225.45 |
| 5 HP 3 PH Aquatic Pump | 5 | 208-230/460 at 60Hz 190/380-415 at 50Hz | 3 | 100 / 45 | 1APSES38 | \$4,225.45 |
| 7 HP 3 PH Aquatic Pump | 7 | 208-230/460 at 60Hz 190/380-415 at 50Hz | 3 | 105 / 48 | 1APSES39 | \$6,137.90 |

PUMPS



LIFESTAR® MVS VARIABLE SPEED AQUATIC PUMP

TOTALLY ENCLOSED FAN COOLED (TEFC) MOTOR

| DESCRIPTION | RATED HP | VOLTAGE SUPPLY | PHASE | APPROXIMATE SHIPPING WEIGHT lbs / kg | PART NUMBER | LIST PRICE |
|---|----------|------------------|-------|---|-------------|------------|
| 2.7 HP 1 PH Variable Speed Aquatic Pump | 3 | 230 at 60Hz only | 1 | 65 / 29 | 1APSES16VS | \$4,250.85 |

See [page 129](#) for parts and accessories.

Note: all items on this page are shipped LTL only

A-SERIES LIFESTAR® AQUATIC PUMPS

The A-Series LifeStar® pump is designed for operation in aquatic and animal life support systems. Its specialized construction makes it safe for even the most sensitive aquatic habitats. The LifeStar pump features a corrosion resistant Glass Filled Polypropylene housing, a silicon carbide shaft seal and all wetted hardware manufactured from 316 Stainless Steel for superior performance in aquatic applications.



A-SERIES LIFESTAR® AQUATIC PUMP

OPEN DRIP PROOF (ODP) MOTOR - SINGLE PHASE / THREE PHASE

| DESCRIPTION | RATED HP | VOLTAGE SUPPLY | PHASE | APPROXIMATE SHIPPING WEIGHT lbs / kg | PART NUMBER | LIST PRICE |
|-------------------------|----------|----------------|-------|---|-------------|------------|
| 1/2 HP Aquatic Pump ODP | 1/2 | 115/208-230 | 1 | 42 / 19 | 1A3SES12 | \$1,303.95 |

NOTE: Shipped LTL only



A-SERIES LIFESTAR® AQUATIC PUMP

TOTALLY ENCLOSED FAN COOLED (TEFC) MOTOR - THREE PHASE

| DESCRIPTION | RATED HP | VOLTAGE SUPPLY | PHASE | APPROXIMATE SHIPPING WEIGHT lbs / kg | PART NUMBER | LIST PRICE |
|----------------------------|----------|----------------|-------|---|-------------|------------|
| 1/2 HP Aquatic Pump TEFC | 1/2 | 208-230/460 | 3 | 42 / 19 | 1A3SES32 | \$1,537.25 |
| 3/4 HP Aquatic Pump TEFC | 3/4 | 208-230/460 | 3 | 44 / 20 | 1A3SES33 | \$1,594.05 |
| 1 HP Aquatic Pump TEFC | 1 | 208-230/460 | 3 | 47 / 21 | 1A3SES34 | \$1,745.10 |
| 1-1/2 HP Aquatic Pump TEFC | 1-1/2 | 230/460 | 3 | 51 / 23 | 1A3SES35 | \$1,858.50 |
| 2 HP Aquatic Pump TEFC | 2 | 230/460 | 3 | 51 / 23 | 1A3SES36 | \$2,217.45 |
| 3 HP Aquatic Pump TEFC | 3 | 230/460 | 3 | 66 / 30 | 1A3SES37 | \$2,652.00 |

NOTE: Shipped LTL only



A-SERIES LIFESTAR® VS VARIABLE SPEED* AQUATIC PUMP

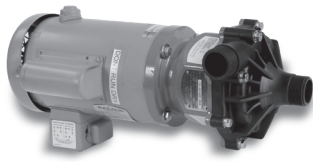
TOTALLY ENCLOSED FAN COOLED (TEFC) MOTOR - SINGLE PHASE

| DESCRIPTION | RATED HP | VOLTAGE SUPPLY | PHASE | APPROXIMATE SHIPPING WEIGHT lbs / kg | PART NUMBER | LIST PRICE |
|--|----------|------------------|-------|---|-------------|------------|
| 2 HP Variable Speed* Aquatic Pump TEFC | 2 | 230 at 60Hz only | 1 | 55 / 24 | 1A3SES46VS | \$3,333.90 |

* 600 - 3450 RPM

See page 127 for parts and accessories.

NOTE: Shipped LTL only



R SERIES MAGNETIC DRIVE PUMPS

Magnetic drive seal-less thermoplastic pumps designed for the most demanding applications. They handle a wide range of corrosive and ultra-pure liquids.

FIBERGLASS REINFORCED POLYPROPYLENE

| H.P. | VOLTS | PHASE | SUCTION VS. DISCHARGE | APPROX. SHIPPING WEIGHT | MODEL NO. | ITEM NO. | List Price |
|-------|-------------|-------|-----------------------|-------------------------|-----------|------------|-------------------|
| 1/3 | 115 | 1 | 1" X 1" | 18 lbs | RC03 | 1M033TVT11 | \$2,504.40 |
| 1/2 | 115/230 | 1 | 1-1/2" X 1-1/2" | 36 lbs | RX05 | 1M043TVT12 | \$3,275.50 |
| 3/4 | 115/230 | 1 | 1-1/2" X 1-1/2" | 36 lbs | RX07 | 1M053TVT13 | \$3,492.05 |
| 1 | 115/230 | 1 | 1-1/2" X 1-1/2" | 43 lbs | RX10 | 1M083TVT14 | \$3,928.35 |
| 1-1/2 | 208-230/460 | 3 | 2" X 1-1/2" | 56 lbs | RX15 | 1M103TVT35 | \$5,785.25 |
| 2 | 208-230/460 | 3 | 2" X 1-1/2" | 56 lbs | RX20 | 1M103TVT36 | \$6,441.25 |
| 3 | 208-230/460 | 3 | 2" X 1-1/2" | 61 lbs | RX30 | 1M123TVT37 | \$7,093.55 |
| 5 | 208-230/460 | 3 | 2" X 1-1/2" | 129 lbs | RX50 | 1M143TVT38 | \$9,384.75 |

CARBON REINFORCED ETFE*

| H.P. | VOLTS | PHASE | SUCTION VS. DISCHARGE | APPROX. SHIPPING WEIGHT | MODEL NO. | ITEM NO. | List Price |
|-------|-------------|-------|-----------------------|-------------------------|-----------|------------|--------------------|
| 1/3 | 115 | 1 | 1" X 1" | 20 lbs | RC03 | 1M035TVT11 | \$5,791.95 |
| 1/2 | 115/230 | 1 | 1-1/2" X 1-1/2" | 38 lbs | RX05 | 1M045TVT12 | \$8,462.55 |
| 3/4 | 115/230 | 1 | 1-1/2" X 1-1/2" | 38 lbs | RX07 | 1M055TVT13 | \$8,668.40 |
| 1 | 115/230 | 1 | 1-1/2" X 1-1/2" | 45 lbs | RX10 | 1M085TVT14 | \$9,033.95 |
| 1-1/2 | 208-230/460 | 3 | 2" X 1-1/2" | 58 lbs | RX15 | 1M105TVT35 | \$14,133.65 |
| 2 | 208-230/460 | 3 | 2" X 1-1/2" | 58 lbs | RX20 | 1M105TVT36 | \$14,744.00 |
| 3 | 208-230/460 | 3 | 2" X 1-1/2" | 64 lbs | RX30 | 1M125TVT37 | \$15,438.90 |
| 5 | 208-230/460 | 3 | 2" X 1-1/2" | 132 lbs | RX50 | 1M145TVT38 | \$19,272.85 |

* All ETFE pumps are equipped with threaded connections.

NOTES & OPTIONS:

Explosion-Proof Motor List Adders: 1/2 - 1 HP add \$1,219.55; 1.5 - 3 HP add \$2,038.20; 5 HP add \$2,639.80

Wash-down Motor List Adders: 1/2 - 1 HP add **\$872.25**; 1.5 - 3 HP add \$1,308.60; 5 HP add \$2,180.90. Please contact Hayward for voltage availability.

575 Volt Motor List Adders: 1/2 - 3/4 HP add **\$81.90**; 1 - 1-1/2 HP add **\$163.40**; 2 - 3 HP add **\$347.75**; 5 HP add **\$510.75**.

Assembled GFPP Flanged Connections: 1/2 - 1 HP add **\$656.55** to list; 1-1/2 - 5 HP add **\$786.95** to list price.

Optional Bushing Materials: 1/2 - 5 HP add **\$656.55** to list for carbon or **\$570.85** to list for ceramic.

Elastomer - FPM is Standard: 1/2 - 5 HP add **\$150.65** to list for EPDM.

NOTE: Shipped LTL only

R SERIES PUMP HEAD ASSEMBLIES & MOTORS

R SERIES - PART NUMBER MATRIX

| DIGIT 1 | DIGIT 2 | FLOW (AA) | WET MAT'L (B) | BEARING | O-RING | CONNECT | MOTOR | HP/CONSTR |
|---------|---------|-----------|---------------|-------------|-----------------|--------------|-------------------------------|--------------|
| 1 | M | GPM/10 | 3 = GFPP | C = Carbon | E = EPDM | F = FLANGED | X = NONE | 1 = 1/3 TEFC |
| | | | 5 = ETFE | T = PTFE | V = FPM (VITON) | T = THREADED | 1 = 115/230 VAC 50/60 | 2 = 1/2 TEFC |
| | | | | Z = Ceramic | | | 3 = 208-230/460 VAC 50/60 3ph | 3 = 3/4 TEFC |
| | | | | | | | 4 = 575 VAC 3ph | 4 = 1 TEFC |
| | | | | | | | 6 = 380 VAC 3ph | 5 = 1.5 TEFC |
| | | | | | | | | 6 = 2 TEFC |
| | | | | | | | | 7 = 3 TEFC |
| | | | | | | | | 8 = 5 TEFC |
| | | | | | | | | A = 1/3 EP |

GFPP = Glass Filled Polypropylene, ETFE = Ethylene Tetrafluorethylene, TEFC = Totally Enclosed Fan-Cooled, EP = Explosion Proof

| GLASS FILLED PP - PUMP HEAD ONLY | | | | MOTOR ONLY | | | | |
|----------------------------------|-------|--------------|------------|---------------|-------|---------------|-------|------------|
| COMPLETE PUMP NO. | H.P. | PART NO. | List Price | PART NO. | H.P. | VOLTS | PHASE | List Price |
| 1M043TVT12 | 1/2 | 1M053TVTX315 | \$2,492.55 | 16FA15-203NBX | 1/2 | 115/230 | 1 | \$1,609.95 |
| 1M053TVT13 | 3/4 | 1M053TVTX | \$2,714.85 | 16FA15-204NBX | 3/4 | 115/230 | 1 | \$1,966.30 |
| 1M083TVT14 | 1 | 1M083TVTX | \$2,954.50 | 16FA15-62NBX | 1 | 115/230 | 1 | \$2,137.95 |
| 1M103TVT35 | 1-1/2 | 1M103TVTX437 | \$4,477.85 | 16FA15-174NBX | 1-1/2 | 208-230/460/3 | 3 | \$2,137.95 |
| 1M103TVT36 | 2 | 1M103TVTX | \$5,024.10 | 16FA15-300NBX | 2 | 208-230/460/3 | 3 | \$2,381.50 |
| 1M123TVT37 | 3 | 1M123TVTX | \$5,400.05 | 16FA15-145NBX | 3 | 208-230/460/3 | 3 | \$2,780.60 |
| 1M143TVT38 | 5 | 1M143TVTX | \$7,358.60 | 16FA15-189NBX | 5 | 208-230/460/3 | 3 | \$5,090.45 |

| CARBON REINFORCED ETFE - PUMP HEAD ONLY | | | | MOTOR ONLY | | | | |
|---|-------|--------------|-------------|---------------|-------|---------------|-------|------------|
| COMPLETE PUMP NO. | H.P. | PART NO. | List Price | PART NO. | H.P. | VOLTS | PHASE | List Price |
| 1M045TVT12 | 1/2 | 1M055TVTX315 | \$6,837.55 | 16FA15-203NBX | 1/2 | 115/230 | 1 | \$1,609.95 |
| 1M055TVT13 | 3/4 | 1M055TVTX315 | \$6,837.55 | 16FA15-204NBX | 3/4 | 115/230 | 1 | \$1,966.30 |
| 1M085TVT14 | 1 | 1M085TVTX | \$7,287.10 | 16FA15-62NBX | 1 | 115/230 | 1 | \$2,137.95 |
| 1M105TVT35 | 1-1/2 | 1M105TVTX437 | \$11,426.65 | 16FA15-174NBX | 1-1/2 | 208-230/460/3 | 3 | \$2,137.95 |
| 1M105TVT36 | 2 | 1M105TVTX | \$11,898.95 | 16FA15-300NBX | 2 | 208-230/460/3 | 3 | \$2,381.50 |
| 1M125TVT37 | 3 | 1M125TVTX | \$12,475.70 | 16FA15-145NBX | 3 | 208-230/460/3 | 3 | \$2,780.60 |
| 1M145TVT38 | 5 | 1M145TVTX | \$15,565.65 | 16FA15-189NBX | 5 | 208-230/460/3 | 3 | \$5,090.45 |





T SERIES VERTICAL IMMERSIBLE PUMPS

Vertical seal-less, immersible, thermoplastic pumps designed for rugged chemical duty applications. They handle a wide range of corrosive and ultra-pure liquids. The pumps feature a single, non-coupled motor/impeller stainless steel shaft with a proprietary, patent-pending shaft seal. Designed with a PTFE seal for more chemical compatibility and less wear/degradation over time.

CPVC

| H.P. | VOLTS | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO. | List Price |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3 | 115/230 | 1 | 1" | 3/4" | 24 lbs | 1T2GX0008 | \$2,127.15 |
| 1/3 | 208-230/460 | 3 | 1" | 3/4" | 24 lbs | 1T2HX0008 | \$2,127.15 |
| 1/2 | 115/230 | 1 | 1-1/4" | 1" | 26 lbs | 1T4GX0008 | \$2,381.70 |
| 1/2 | 208-230/460 | 3 | 1-1/4" | 1" | 26 lbs | 1T4HX0008 | \$2,381.70 |
| 3/4 | 115/230 | 1 | 1-1/4" | 1" | 28 lbs | 1T5GX0008 | \$2,617.60 |
| 3/4 | 208-230/460 | 3 | 1-1/4" | 1" | 28 lbs | 1T5HX0008 | \$2,617.60 |
| 1 | 115/230 | 1 | 1-1/2" | 1-1/4" | 30 lbs | 1T6GX0008 | \$3,163.75 |
| 1 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 30 lbs | 1T6HX0008 | \$3,163.75 |
| 1 | 115/230 | 1 | 1-1/2" | 1-1/4" | 32 lbs | 1T7GX0008 | \$3,307.65 |
| 1 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 32 lbs | 1T7HX0008 | \$3,307.65 |
| 1-1/2 | 115/230 | 1 | 1-1/2" | 1-1/4" | 34 lbs | 1T8GX0008 | \$3,407.70 |
| 1-1/2 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 34 lbs | 1T8HX0008 | \$3,407.70 |

GFPP

| H.P. | VOLTS | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO. | List Price |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3 | 115/230 | 1 | 1" | 3/4" | 24 lbs | 1T2GX0003 | \$2,140.60 |
| 1/3 | 208-230/460 | 3 | 1" | 3/4" | 24 lbs | 1T2HX0003 | \$2,140.60 |
| 1/2 | 115/230 | 1 | 1-1/4" | 1" | 26 lbs | 1T4GX0003 | \$2,530.10 |
| 1/2 | 208-230/460 | 3 | 1-1/4" | 1" | 26 lbs | 1T4HX0003 | \$2,530.10 |
| 3/4 | 115/230 | 1 | 1-1/4" | 1" | 28 lbs | 1T5GX0003 | \$2,850.15 |
| 3/4 | 208-230/460 | 3 | 1-1/4" | 1" | 28 lbs | 1T5HX0003 | \$2,850.15 |
| 1 | 115/230 | 1 | 1-1/2" | 1-1/4" | 30 lbs | 1T6GX0003 | \$3,004.05 |
| 1 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 30 lbs | 1T6HX0003 | \$3,004.05 |
| 1 | 115/230 | 1 | 1-1/2" | 1-1/4" | 32 lbs | 1T7GX0003 | \$3,362.55 |
| 1 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 32 lbs | 1T7HX0003 | \$3,362.55 |
| 1-1/2 | 115/230 | 1 | 1-1/2" | 1-1/4" | 34 lbs | 1T8GX0003 | \$3,563.90 |
| 1-1/2 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 34 lbs | 1T8HX0003 | \$3,563.90 |

PVDF

| H.P. | VOLTS | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO. | List Price |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3 | 115/230 | 1 | 1" | 3/4" | 24 lbs | 1T2GX0009 | \$3,250.05 |
| 1/3 | 208-230/460 | 3 | 1" | 3/4" | 24 lbs | 1T2HX0009 | \$3,250.05 |
| 1/2 | 115/230 | 1 | 1-1/4" | 1" | 26 lbs | 1T4GX0009 | \$3,511.00 |
| 1/2 | 208-230/460 | 3 | 1-1/4" | 1" | 26 lbs | 1T4HX0009 | \$3,511.00 |
| 3/4 | 115/230 | 1 | 1-1/4" | 1" | 28 lbs | 1T5GX0009 | \$3,943.95 |
| 3/4 | 208-230/460 | 3 | 1-1/4" | 1" | 28 lbs | 1T5HX0009 | \$3,943.95 |
| 1 | 115/230 | 1 | 1-1/2" | 1-1/4" | 30 lbs | 1T6GX0009 | \$4,132.95 |
| 1 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 30 lbs | 1T6HX0009 | \$4,132.95 |
| 1 | 115/230 | 1 | 1-1/2" | 1-1/4" | 32 lbs | 1T7GX0009 | \$4,257.05 |
| 1 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 32 lbs | 1T7HX0009 | \$4,257.05 |
| 1-1/2 | 115/230 | 1 | 1-1/2" | 1-1/4" | 34 lbs | 1T8GX0009 | \$4,777.20 |
| 1-1/2 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 34 lbs | 1T8HX0009 | \$4,777.20 |

NOTES & OPTIONS:

1. Wash-down motor adder to list price: 1/3 - 1-1/2HP add \$486.20. Add "WD" suffix to part number when ordering.
2. No other options available.



D & S SERIES VERTICAL IMMERSIBLE PUMPS

Vertical seal-less, immersible, plastic pumps designed for rugged chemical duty applications, handling a wide range of corrosive and ultra-pure liquids.

CPVC

| H.P. | VOLTS** | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO. | List Price |
|-------|-------------|-------|--------------|-----------|-------------------------|------------|------------|
| 1/8 | 115/230 | 1 | 1" | 1/2" | 12 lbs | 1D1GX0008 | \$1,466.70 |
| 1/8 | 115/230 | 1 | 1" | 1/2" | 12 lbs | 1DD1GX008 | \$1,756.00 |
| 1/15 | 115 | 1 | 3/4" | 1/2" | 7 lbs | 1S1GX0008 | \$1,181.55 |
| 1/3 | 115/230 | 1 | 1" | 3/4" | 26 lbs | 1S2GX0008 | \$2,431.70 |
| 1/3 | 208-230/460 | 3 | 1" | 3/4" | 30 lbs | 1S2HX0008 | \$2,431.70 |
| 1/2 | 115/230 | 1 | 1-1/4" | 1" | 31 lbs | 1S4GX0008 | \$2,723.40 |
| 3/4 | 208-230/460 | 3 | 1-1/4" | 1" | 31 lbs | 1S4HX0008 | \$2,723.40 |
| 3/4 | 115/230 | 1 | 1-1/4" | 1" | 35 lbs | 1S5GX0008 | \$2,992.20 |
| 1 | 208-230/460 | 3 | 1-1/4" | 1" | 35 lbs | 1S5HX0008 | \$2,992.20 |
| 3/4 | 115/230 | 1 | 1-1/2" | 1-1/4" | 39 lbs | 1S6GX008 | \$3,616.85 |
| 3/4 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 39 lbs | 1S6HX008 | \$3,616.85 |
| 1 | 115/230 | 1 | 1-1/2" | 1-1/4" | 42 lbs | 1S7GX008 | \$3,781.00 |
| 1 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 42 lbs | 1S7HX008 | \$3,781.00 |
| 1-1/2 | 115/230 | 1 | 1-1/2" | 1-1/4" | 45 lbs | 1S8GX0008 | \$3,895.40 |
| 1-1/2 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 45 lbs | 1S8HX0008 | \$3,895.40 |
| 3 | 208-230/460 | 3 | 3" MALE SLIP | 1-1/2" | 75 lbs | 1S0HX0008 | \$5,329.95 |
| 3 | 208-230/460 | 3 | 3" MALE SLIP | 1-1/2" | 75 lbs | 1S0HX0100* | \$5,426.25 |
| 5 | 208-230/460 | 3 | 3" MALE SLIP | 2" | 135 lbs | 1S9HX0008 | \$8,375.55 |

* Has 4.5 inch trimmed impeller.

NATURAL PP

| H.P. | VOLTS** | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO. | List Price |
|------|---------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/8 | 115/230 | 1 | 1" | 1/2" | 11 lbs | 1D1GX0006 | \$1,562.15 |
| 1/8 | 115/230 | 1 | 1" | 1/2" | 11 lbs | 1DD1GX006 | \$1,812.20 |
| 1/15 | 115 | 1 | 3/4" | 1/2" | 6 lbs | 1S1GX0006 | \$1,181.55 |



FIBERGLASS REINFORCED PP

| H.P. | VOLTS** | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO. | List Price |
|-------|-------------|-------|---------|-----------|-------------------------|-----------|------------|
| 1/3 | 115/230 | 1 | 1" | 3/4" | 25 lbs | 1S2GX0003 | \$2,402.55 |
| 1/3 | 208-230/460 | 3 | 1" | 3/4" | 30 lbs | 1S2HX0003 | \$2,402.55 |
| 1/2 | 115/230 | 1 | 1 1/4" | 1" | 30 lbs | 1S4GX0003 | \$2,839.65 |
| 3/4 | 208-230/460 | 3 | 1 1/4" | 1" | 30 lbs | 1S4HX0003 | \$2,839.65 |
| 3/4 | 115/230 | 1 | 1 1/4" | 1" | 34 lbs | 1S5GX0003 | \$3,198.85 |
| 1 | 208-230/460 | 3 | 1 1/4" | 1" | 34 lbs | 1S5HX0003 | \$3,198.85 |
| 3/4 | 115/230 | 1 | 1 1/2" | 1-1/4" | 38 lbs | 1S6GX003 | \$3,371.60 |
| 3/4 | 208-230/460 | 3 | 1 1/2" | 1-1/4" | 38 lbs | 1S6HX003 | \$3,371.60 |
| 1 | 115/230 | 1 | 1 1/2" | 1-1/4" | 41 lbs | 1S7GX003 | \$3,773.95 |
| 1 | 208-230/460 | 3 | 1 1/2" | 1-1/4" | 41 lbs | 1S7HX003 | \$3,773.95 |
| 1-1/2 | 115/230 | 1 | 1 1/2" | 1-1/4" | 44 lbs | 1S8GX0003 | \$4,000.15 |
| 1-1/2 | 208-230/460 | 3 | 1 1/2" | 1-1/4" | 44 lbs | 1S8HX0003 | \$4,000.15 |

NOTES & OPTIONS:

1. D1 thru S8 CPVC, PP, and PVDF models have male (external) pipe thread suction port connection.
2. CPVC, PP, and PVDF models have female (internal) pipe thread discharge connections.

3. Explosion proof motor adders to list price: 1/3 – 1 HP add \$1,161.40; 1-1/2 - 3 HP add \$1,941.05; 5 HP add \$2,513.95;
4. Wash-down motor adders to list price: 1/3 – 1 HP add \$830.55; 1 1/2 - 3 HP add \$1,246.25; 5 HP add \$2,076.95.
5. FPM is standard elastomer. For EPDM add \$126.00 to list price.



D & S SERIES VERTICAL IMMERSIBLE PUMPS (CONT.)

Vertical seal-less, immersible, plastic pumps designed for rugged chemical duty applications, handling a wide range of corrosive and ultra-pure liquids.

PVDF

| H.P. | VOLTS** | PHASE | SUCTION | DISCHARGE | APPROX. SHIPPING WEIGHT | PART NO. | List Price |
|-------|-------------|-------|---------|-----------|-------------------------|------------|------------|
| 1/8 | 115/230 | 1 | 1" | 1/2" | 12 lbs | 1D1GX0009 | \$1,852.85 |
| 1/8 | 115/230 | 1 | 1" | 1/2" | 12 lbs | 1DD1GX0009 | \$2,310.20 |
| 1/15 | 115 | 1 | 3/4" | 1/2" | 7 lbs | 1S1GX0009 | \$1,673.95 |
| 1/3 | 115/230 | 1 | 1" | 3/4" | 26 lbs | 1S2GX0009 | \$3,646.60 |
| 1/3 | 208-230/460 | 3 | 1" | 3/4" | 30 lbs | 1S2HX0009 | \$3,646.60 |
| 1/2 | 115/230 | 1 | 1-1/4" | 1" | 31 lbs | 1S4GX0009 | \$3,945.55 |
| 3/4 | 208-230/460 | 3 | 1-1/4" | 1" | 31 lbs | 1S4HX0009 | \$3,945.55 |
| 3/4 | 115/230 | 1 | 1-1/4" | 1" | 35 lbs | 1S5GX0009 | \$4,442.55 |
| 1 | 208-230/460 | 3 | 1-1/4" | 1" | 35 lbs | 1S5HX0009 | \$4,442.55 |
| 3/4 | 115/230 | 1 | 1-1/2" | 1-1/4" | 39 lbs | 1SS6GX009 | \$4,657.85 |
| 3/4 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 39 lbs | 1SS6HX009 | \$4,657.85 |
| 1 | 115/230 | 1 | 1-1/2" | 1-1/4" | 42 lbs | 1SS7GX009 | \$4,800.35 |
| 1-1/2 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 42 lbs | 1SS7HX009 | \$5,137.80 |
| 1-1/2 | 115/230 | 1 | 1-1/2" | 1-1/4" | 45 lbs | 1S8GX0009 | \$5,394.75 |
| 1 1/2 | 208-230/460 | 3 | 1-1/2" | 1-1/4" | 45 lbs | 1S8HX0009 | \$5,394.75 |

** 575 Volt motors available. See list adders below.

NOTES & OPTIONS:

1. D1 thru S8 CPVC, PP, and PVDF models have male (external) pipe thread suction port connection.
2. CPVC, PP, and PVDF models have female (internal) pipe thread discharge connections.

3. Explosion proof motor adders to list price: 1/3 – 1 HP add **\$1,161.40**; 1-1/2 - 3 HP add **\$1,941.05**; 5 HP add **\$2,513.95**;
4. Wash-down motor adders to list price: 1/3 – 1 HP add **\$830.55**; 1 1/2 - 3 HP add **\$1,246.25**; 5 HP add **\$2,076.95**.
5. FPM is standard elastomer. For EPDM add **\$126.00** to list price.



INLET SCREENS FOR VERTICAL PUMPS

Features 3/16" perforated screen to strain harmful solids that may damage the impeller during operation. Inlet screens are available in CPVC only.

| PUMP SERIES | CPVC SUFFIX NO. | Adder List Price |
|-------------|-----------------|------------------|
| D1/DD1/S2 | SC2 | \$149.15 |
| S4/S5 | SC4 | \$167.80 |
| SS6/SS7/S8 | SC6 | \$186.15 |

D & S SERIES PUMP HEAD ASSEMBLIES & MOTORS

| CPVC - PUMP HEAD ONLY | | | MOTOR ONLY | | | | |
|-----------------------|-------------|------------|------------|-------|-------------|-------|------------|
| COMPLETE PUMP NO. | PART NO. | LIST PRICE | PART NO. | H.P. | VOLTS | PHASE | List Price |
| 1D1GX0008 | 1D1ZX0008 | \$948.15 | 16FA15-220 | 1/8 | 115/230 | 1 | \$1,166.40 |
| 1DD1GX008 | 1DD1ZX008 | \$1,166.40 | 16FA15-220 | 1/8 | 115/230 | 1 | \$1,166.40 |
| 1S1GX0008 | 1S1ZX0008 | \$912.00 | 16FA15-178 | 1/15 | 115 | 1 | \$752.85 |
| 1S2GX0008 | 1S2ZX0008 | \$1,560.70 | 16FA15-61 | 1/3 | 115/230 | 1 | \$1,460.95 |
| 1S2HX0008 | | | 16FA15-142 | 1/3 | 208-230/460 | 3 | \$1,542.90 |
| 1S4GX0008 | 1S4ZX0008 | \$1,956.45 | 16FA15-203 | 1/2 | 115/230 | 1 | \$1,601.45 |
| 1S4HX0008 | | | 16FA15-288 | 3/4 | 208-230/460 | 3 | \$1,759.80 |
| 1S5GX0008 | 1S5ZX0008 | \$1,996.15 | 16FA15-204 | 3/4 | 115/230 | 1 | \$1,759.80 |
| 1S5HX0008 | | | 16FA15-74 | 1 | 208-230/460 | 3 | \$1,837.25 |
| 1S56GX008 | 1S56ZX008 | \$2,309.80 | 16FA15-204 | 3/4 | 115/230 | 1 | \$1,759.80 |
| 1S56HX008 | | | 16FA15-288 | 3/4 | 208-230/460 | 3 | \$1,759.80 |
| 1S57GX008 | 1S57ZX008 | \$2,351.15 | 16FA15-62 | 1 | 115/230 | 1 | \$1,915.10 |
| 1S57HX008 | | | 16FA15-74 | 1 | 208-230/460 | 3 | \$1,837.25 |
| 1S8GX0008 | 1S8ZX0008 | \$2,409.75 | 16FA15-173 | 1-1/2 | 115/230 | 1 | \$1,956.45 |
| 1S8HX0008 | | | 16FA15-174 | 1-1/2 | 208-230/460 | 3 | \$1,878.65 |
| 1S0HX0008 | 1S0ZX0008* | \$4,009.05 | 16FA15-145 | 3 | 208-230/460 | 3 | \$2,626.85 |
| 1S0HX0100 | 1S0ZX0100** | \$4,071.40 | 16FA15-145 | 3 | 208-230/460 | 3 | \$2,626.85 |
| 1S9HX0008 | 1S9ZXCZ08 | \$4,519.30 | 16FA15-189 | 5 | 208-230/460 | 3 | \$4,977.65 |

* 5" Impeller

** 4.5" Impeller

| PP - PUMP HEAD ONLY | | | MOTOR ONLY | | | | |
|---------------------|-----------|------------|------------|-------|-------------|-------|------------|
| COMPLETE PUMP NO. | PART NO. | LIST PRICE | PART NO. | H.P. | VOLTS | PHASE | List Price |
| 1D1GX0006 | 1D1ZX0006 | \$1,048.30 | 16FA15-220 | 1/8 | 115/230 | 1 | \$1,166.40 |
| 1DD1GX006 | 1DD1ZX006 | \$1,342.85 | 16FA15-220 | 1/8 | 115/230 | 1 | \$1,166.40 |
| 1S1GX0006 | 1S1ZX0006 | \$989.55 | 16FA15-178 | 1/15 | 115 | 1 | \$752.85 |
| 1S2GX0003 | 1S2ZX0003 | \$1,601.25 | 16FA15-61 | 1/3 | 115/230 | 1 | \$1,460.95 |
| 1S2HX0003 | | | 16FA15-142 | 1/3 | 208-230/460 | 3 | \$1,542.90 |
| 1S4GX0003 | 1S4ZX0003 | \$1,996.15 | 16FA15-203 | 1/2 | 115/230 | 1 | \$1,601.45 |
| 1S4HX0003 | | | 16FA15-288 | 3/4 | 208-230/460 | 3 | \$1,759.80 |
| 1S5GX0003 | 1S5ZX0003 | \$2,037.45 | 16FA15-204 | 3/4 | 115/230 | 1 | \$1,759.80 |
| 1S5HX0003 | | | 16FA15-74 | 1 | 208-230/460 | 3 | \$1,837.25 |
| 1S56GX003 | 1S56ZX003 | \$2,468.30 | 16FA15-204 | 3/4 | 115/230 | 1 | \$1,759.80 |
| 1S56HX003 | | | 16FA15-288 | 3/4 | 208-230/460 | 3 | \$1,759.80 |
| 1S57GX003 | 1S57ZX003 | \$2,468.30 | 16FA15-62 | 1 | 115/230 | 1 | \$1,915.10 |
| 1S57HX003 | | | 16FA15-74 | 1 | 208-230/460 | 3 | \$1,837.25 |
| 1S8GX0003 | 1S8ZX0003 | \$2,587.25 | 16FA15-173 | 1-1/2 | 115/230 | 1 | \$1,956.45 |
| 1S8HX0003 | | | 16FA15-174 | 1-1/2 | 208-230/460 | 3 | \$1,878.65 |

| PVDF - PUMP HEAD ONLY | | | MOTOR ONLY | | | | |
|-----------------------|-----------|------------|------------|-------|-------------|-------|------------|
| COMPLETE PUMP NO. | PART NO. | LIST PRICE | PART NO. | H.P. | VOLTS | PHASE | List Price |
| 1D1GX0009 | 1D1ZX0009 | \$1,797.60 | 16FA15-220 | 1/8 | 115/230 | 1 | \$1,166.40 |
| 1DD1GX009 | 1DD1ZX009 | \$2,191.30 | 16FA15-220 | 1/8 | 115/230 | 1 | \$1,166.40 |
| 1S1GX0009 | 1S1ZX0009 | \$1,735.45 | 16FA15-178 | 1/15 | 115 | 1 | \$752.85 |
| 1S2GX0009 | 1S2ZX0009 | \$3,158.75 | 16FA15-61 | 1/3 | 115/230 | 1 | \$1,460.95 |
| 1S2HX0009 | | | 16FA15-142 | 1/3 | 208-230/460 | 3 | \$1,542.90 |
| 1S4GX0009 | 1S4ZX0009 | \$3,571.45 | 16FA15-203 | 1/2 | 115/230 | 1 | \$1,601.45 |
| 1S4HX0009 | | | 16FA15-288 | 3/4 | 208-230/460 | 3 | \$1,759.80 |
| 1S5GX0009 | 1S5ZX0009 | \$3,798.50 | 16FA15-204 | 3/4 | 115/230 | 1 | \$1,759.80 |
| 1S5HX0009 | | | 16FA15-74 | 1 | 208-230/460 | 3 | \$1,837.25 |
| 1S56GX009 | 1S56ZX009 | \$3,841.90 | 16FA15-204 | 3/4 | 115/230 | 1 | \$1,759.80 |
| 1S56HX009 | | | 16FA15-288 | 3/4 | 208-230/460 | 3 | \$1,759.80 |
| 1S57GX009 | 1S57ZX009 | \$3,903.15 | 16FA15-62 | 1 | 115/230 | 1 | \$1,915.10 |
| 1S57HX009 | | | 16FA15-74 | 1 | 208-230/460 | 3 | \$1,837.25 |
| 1S8GX0009 | 1S8ZX0009 | \$4,029.05 | 16FA15-173 | 1-1/2 | 115/230 | 1 | \$1,956.45 |
| 1S8HX0009 | | | 16FA15-174 | 1-1/2 | 208-230/460 | 3 | \$1,878.65 |

NOTES:

1. D1 thru S8 CPVC, PP, and PVDF models have male (external) pipe thread suction port connection.
2. S12 and S16 CPVC models have slip-on suction port connection of standard pipe diameter, for use of tubing or solvent welding of CPVC plumbing.
3. CPVC, PP, and PVDF models have female (internal) pipe thread discharge connections.
4. D1/DD1 and S1 are natural PP. S2 - S8 are glass-filled PP.

TBH SERIES TRUE UNION BALL VALVE PARTS

If required part is not listed below, refer to the part list for True Union Ball Valves

PVC

| SIZE | BALL, STEM, LOCKPLATE & HANDLE KIT | | PTFE SEAT & FPM SEAL REPAIR KIT | | PTFE SEAT & EPDM SEAL REPAIR KIT | |
|--------|------------------------------------|------------|---------------------------------|------------|----------------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/4" | TBXH1050BALLK | \$38.30 | TBXH1050SEATVK | \$41.15 | TBXH1050SEATEK | \$41.15 |
| 3/8" | TBXH1050BALLK | \$38.30 | TBXH1050SEATVK | \$41.15 | TBXH1050SEATEK | \$41.15 |
| 1/2" | TBXH1050BALLK | \$38.30 | TBXH1050SEATVK | \$41.15 | TBXH1050SEATEK | \$41.15 |
| 3/4" | TBXH1075BALLK | \$40.35 | TBXH1075SEATVK | \$47.70 | TBXH1075SEATEK | \$47.70 |
| 1" | TBXH1100BALLK | \$52.10 | TBXH1100SEATVK | \$56.90 | TBXH1100SEATEK | \$56.90 |
| 1-1/4" | TBXH1150BALLK | \$63.60 | TBXH1150SEATVK | \$77.00 | TBXH1150SEATEK | \$77.00 |
| 1-1/2" | TBXH1150BALLK | \$63.60 | TBXH1150SEATVK | \$77.00 | TBXH1150SEATEK | \$77.00 |
| 2" | TBXH1200BALLK | \$93.70 | TBXH1200SEATVK | \$103.75 | TBXH1200SEATEK | \$103.75 |
| 3" | TBXH1300BALLK | \$270.15 | TBXH300SEATVK | \$172.65 | TBXH300SEATEK | \$172.65 |
| 4" | TBXH1400BALLK | \$370.60 | TBXH400SEATVK | \$367.95 | TBXH400SEATEK | \$367.95 |

CPVC

| SIZE | BALL, STEM, LOCKPLATE & HANDLE KIT | | PTFE SEAT & FPM SEAL REPAIR KIT | | PTFE SEAT & EPDM SEAL REPAIR KIT | |
|--------|------------------------------------|------------|---------------------------------|------------|----------------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/4" | TBXH2050BALLK | \$56.90 | TBXH2050SEATVK | \$51.20 | TBXH2050SEATEK | \$51.20 |
| 3/8" | TBXH2050BALLK | \$56.90 | TBXH2050SEATVK | \$51.20 | TBXH2050SEATEK | \$51.20 |
| 1/2" | TBXH2050BALLK | \$56.90 | TBXH2050SEATVK | \$51.20 | TBXH2050SEATEK | \$51.20 |
| 3/4" | TBXH2075BALLK | \$60.20 | TBXH2075SEATVK | \$60.35 | TBXH2075SEATEK | \$60.35 |
| 1" | TBXH2100BALLK | \$77.00 | TBXH2100SEATVK | \$72.60 | TBXH2100SEATEK | \$72.60 |
| 1-1/4" | TBXH2150BALLK | \$96.95 | TBXH2150SEATVK | \$91.15 | TBXH2150SEATEK | \$91.15 |
| 1-1/2" | TBXH2150BALLK | \$96.95 | TBXH2150SEATVK | \$91.15 | TBXH2150SEATEK | \$91.15 |
| 2" | TBXH2200BALLK | \$140.15 | TBXH2200SEATVK | \$119.45 | TBXH2200SEATEK | \$119.45 |
| 3" | TBXH2300BALLK | \$406.95 | TBXH300SEATVK | \$172.65 | TBXH300SEATEK | \$172.65 |
| 4" | TBXH2400BALLK | \$553.70 | TBXH400SEATVK | \$367.95 | TBXH400SEATEK | \$367.95 |

TB SERIES TRUE UNION BALL VALVE PARTS

PVC

| SIZE | ASSEMBLY NUT | | END CONNECTION | | | | SEAL RETAINER | |
|--------|--------------|------------|----------------------|------------|---------------------------|------------|---------------|------------|
| | | | Socket or Threaded** | | Flanged with Assembly Nut | | | |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/4" | TUX1052 | \$21.40 | TUX100254S/T | \$21.40 | N/A | - | SRX15 | \$11.60 |
| 3/8" | TUX1052 | \$21.40 | TUX100374S/T | \$21.40 | N/A | - | SRX15 | \$11.60 |
| 1/2" | TUX1052 | \$21.40 | ECX15S/ECX15T | \$21.40 | TUX100504F | \$107.70 | SRX15 | \$11.60 |
| 3/4" | TBX10752 | \$24.85 | ECX17S/ECX17T | \$24.10 | TUX100754F | \$174.80 | SRX17 | \$13.75 |
| 1" | TBX11002 | \$24.85 | ECX11S/ECX11T | \$27.70 | TUX101004F | \$166.70 | SRX11 | \$13.75 |
| 1-1/4" | TBX11502 | \$35.40 | ECX112S/ECX112T | \$41.15 | TUX101254F | \$166.70 | SRX115 | \$21.55 |
| 1-1/2" | TBX11502 | \$35.40 | ECX115S/ECX115T | \$44.40 | TUX101504F | \$181.20 | SRX115 | \$21.55 |
| 2" | TBX122 | \$44.40 | ECX12S/ECX12T | \$57.95 | TUX102004F | \$268.70 | SRX12002 | \$25.50 |
| 2-1/2" | TBX132 | \$102.15 | ECX125S/ECX125T | \$133.55 | TUX102504F | \$276.55 | N/A | - |
| 3" | TBX132 | \$102.15 | ECX13S/ECX13T | \$130.20 | TUX103004F | \$387.50 | SRX13 | \$78.50 |
| 4" | TBX142 | \$92.05 | ECX14S/ECX14T | \$138.05 | TUX104004F | \$771.20 | SRX14 | \$176.95 |

| SIZE | BALL, STEM & HANDLE KIT | | HANDLE | | PTFE SEAT & FPM SEAL REPAIR KIT*** | |
|--------|-------------------------|------------|----------|------------|------------------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/4" | TBX1050PAK | \$39.00 | HLX23 | \$27.00 | TBX050PAK | \$41.80 |
| 3/8" | TBX1050PAK | \$39.00 | HLX23 | \$27.00 | TBX050PAK | \$41.80 |
| 1/2" | TBX1050PAK | \$39.00 | HLX23 | \$27.00 | TBX050PAK | \$41.80 |
| 3/4" | TBX1075PAK | \$41.15 | HLX23 | \$27.00 | TBX075PAK | \$48.70 |
| 1" | TBX1100PAK | \$53.15 | HLX24 | \$32.05 | TBX100PAK | \$57.95 |
| 1-1/4" | TBX1150PAK | \$64.80 | HLX22 | \$32.05 | TBX150PAK | \$78.50 |
| 1-1/2" | TBX1150PAK | \$64.80 | HLX22 | \$32.05 | TBX150PAK | \$78.50 |
| 2" | TBX1200PAK | \$95.50 | HLX22 | \$32.05 | TBX200PAK | \$105.70 |
| 3" | TBX1300PAK | \$275.30 | TBX138 | \$54.65 | TBX300PAK | \$175.90 |
| 4" | TBX1400PAK | \$377.50 | TBX148 | \$54.65 | TBX400PAK | \$374.85 |

* Metric part numbers available, consult factory.

** S suffix for Socket; T suffix for Threaded.

*** To order EPDM kits, add E to the end of the part number.

TB SERIES TRUE UNION BALL VALVE PARTS (CONT.)

CPVC

| SIZE | ASSEMBLY NUT | | END CONNECTION | | | | SEAL RETAINER | |
|--------|--------------|------------|---------------------------|------------|---------------------------|------------|---------------|------------|
| | | | Socket or Threaded* | | Flanged with Assembly Nut | | | |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/4" | TUX9052 | \$22.30 | TUX200254S/ TUX200254T | \$33.45 | N/A | - | SRX95 | \$17.30 |
| 3/8" | TUX9052 | \$22.30 | TUX200374S/ TUX200374T | \$33.45 | N/A | - | SRX95 | \$17.30 |
| 1/2" | TUX9052 | \$22.30 | ECX95S/ECX95T | \$32.05 | TUX900504F | \$174.80 | SRX95 | \$17.30 |
| 3/4" | TUX90752 | \$26.25 | ECX97S/ECX97T | \$36.25 | TUX900754F | \$174.80 | SRX97 | \$20.70 |
| 1" | TBX91002 | \$26.25 | ECX91S/ECX91T | \$41.15 | TUX901004F | \$218.25 | SRX91 | \$20.70 |
| 1-1/4" | TBX91502 | \$52.60 | ECX912S/ECX912T | \$65.90 | TUX901254F | \$251.60 | SRX915 | \$32.75 |
| 1-1/2" | TBX91502 | \$52.60 | ECX915S/ECX915T | \$65.90 | TUX901504F | \$295.80 | SRX915 | \$32.75 |
| 2" | TBX922 | \$65.90 | ECX92S/ECX92T | \$86.05 | TUX902004F | \$384.20 | SRX92002 | \$38.20 |
| 2-1/2" | TBX932 | \$149.40 | ECX925S/ECX925T | \$183.85 | TUX902504F | \$477.90 | N/A | - |
| 3" | TBX932 | \$149.40 | ECX93S/ECX93T | \$210.95 | TUX903004F | \$588.80 | SRX93 | \$117.85 |
| 4" | TBX942 | \$134.75 | ECX94S/ECX94T | \$335.60 | TUX904004F | \$1,177.55 | SRX94 | \$269.70 |

| SIZE | BALL, STEM & HANDLE KIT | | HANDLE | | PTFE SEAT & FPM SEAL REPAIR KIT** | |
|--------|-------------------------|------------|----------|------------|-----------------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/4" | TBX2050PAK | \$57.95 | HLX23 | \$27.00 | TBX050PAK | \$41.80 |
| 3/8" | TBX2050PAK | \$57.95 | HLX23 | \$27.00 | TBX050PAK | \$41.80 |
| 1/2" | TBX2050PAK | \$57.95 | HLX23 | \$27.00 | TBX050PAK | \$41.80 |
| 3/4" | TBX2075PAK | \$61.35 | HLX23 | \$27.00 | TBX075PAK | \$48.70 |
| 1" | TBX2100PAK | \$78.50 | HLX24 | \$32.05 | TBX100PAK | \$57.95 |
| 1-1/4" | TBX2150PAK | \$98.75 | HLX22 | \$32.05 | TBX150PAK | \$78.50 |
| 1-1/2" | TBX2150PAK | \$98.75 | HLX22 | \$32.05 | TBX150PAK | \$78.50 |
| 2" | TBX2200PAK | \$142.85 | HLX22 | \$32.05 | TBX200PAK | \$105.70 |
| 3" | TBX2300PAK | \$414.50 | TBX138 | \$54.65 | TBX300PAK | \$175.90 |
| 4" | TBX2400PAK | \$564.20 | TBX148 | \$54.65 | TBX400PAK | \$374.85 |

* S suffix for Socket; T suffix for Threaded.

** To order EPDM kits add the letter "E" to the end of the part number.

*** For GFPP parts, consult factory.

TW SERIES THREE-WAY TRUE UNION BALL VALVE PARTS

PVC

| SIZE | ASSEMBLY NUT | | END CONNECTION | | | | | | BALL, STEM & HANDLE KIT** | |
|--------|--------------|------------|----------------|------------|-----------|------------|---------------------------|------------|---------------------------|------------|
| | | | Socket | | Threaded | | Flanged with Assembly Nut | | | |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | TUX1052 | \$21.40 | ECX15S | \$21.40 | ECX15T | \$21.40 | TUX100504F | \$107.70 | TWX15PAK | \$105.10 |
| 3/4" | TBX10752 | \$24.85 | ECX17S | \$24.10 | ECX17T | \$24.10 | TUX100754F | \$174.80 | TWX17PAK | \$114.25 |
| 1" | TBX11002 | \$24.85 | ECX11S | \$27.70 | ECX11T | \$27.70 | TUX101004F | \$166.70 | TWX11PAK | \$134.55 |
| 1-1/4" | TBX122 | \$44.40 | SBX1EC12S | \$64.00 | SBX1EC12T | \$62.90 | TUX101254F | \$166.70 | TWX12PAK | \$152.85 |
| 1-1/2" | TBX122 | \$44.40 | SBX1EC15S | \$52.35 | SBX1EC15T | \$52.35 | TUX101504F | \$181.20 | TWX12PAK | \$152.85 |
| 2" | TBX122 | \$44.40 | ECX12S | \$57.95 | ECX12T | \$57.95 | TUX102004F | \$268.70 | TWX12PAK | \$152.85 |
| 2-1/2" | TBX132 | \$102.15 | ECX125S | \$133.55 | ECX125T | \$133.55 | TUX102504F | \$276.55 | TWX13PAK | \$431.95 |
| 3" | TBX132 | \$102.15 | ECX13S | \$130.20 | ECX13T | \$130.20 | TUX103004F | \$387.50 | TWX13PAK | \$431.95 |
| 4" | TBX142 | \$92.05 | ECX14S | \$138.05 | ECX14T | \$138.05 | TUX104004F | \$771.20 | TWX14PAK | \$549.15 |
| | BSX142* | \$133.55 | ECX14SBS* | \$203.45 | ECX14TBS* | \$203.45 | LAX144F | \$771.20 | N/A | - |
| 6" | N/A | - | N/A | - | N/A | - | TUX106004F | \$872.85 | TWX14PAK | \$549.15 |
| | N/A | - | N/A | - | N/A | - | LAX164F | \$872.85 | N/A | - |

| SIZE | HANDLE | | TN OR NT STYLE BALL ONLY | | PTFE SEAT & FPM SEAL REPAIR KIT** | | PTFE SEAT & EPDM SEAL REPAIR KIT** | |
|--------|----------|------------|--------------------------|------------|-----------------------------------|------------|------------------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | HLX23 | \$27.00 | NTX100503B | \$119.25 | LAX5PAK | \$28.05 | LAX5PAKE | \$21.50 |
| 3/4" | HLX23 | \$27.00 | NTX100753B | \$160.50 | LAX7PAK | \$29.10 | LAX7PAKE | \$22.30 |
| 1" | TWX1HL1 | \$32.05 | NTX101003B | \$249.90 | LAX1PAK | \$29.10 | LAX1PAKE | \$23.45 |
| 1-1/4" | TWX1HL2M | \$32.05 | NTX102003B | \$370.75 | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 1-1/2" | TWX1HL2M | \$32.05 | NTX102003B | \$370.75 | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 2" | TWX1HL2M | \$32.05 | NTX102003B | \$370.75 | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 2-1/2" | LAX1HL3 | \$95.65 | NTX103003B | \$503.35 | LAX3PAK | \$123.90 | LAX3PAKE | \$75.25 |
| 3" | LAX1HL3 | \$95.65 | NTX103003B | \$503.35 | LAX3PAK | \$123.90 | LAX3PAKE | \$75.25 |
| 4" | LAX1HL4 | \$105.10 | NTX104003B | \$1,125.35 | LAX4PAK | \$194.45 | LAX4PAKE | \$127.20 |
| 6" | LAX1HL4 | \$105.10 | NTX104003B | \$1,125.35 | LAX4PAK | \$194.45 | LAX4PAKE | \$127.20 |

* Required for 3rd port.

** Includes o-ring for duplex lateral valve repair.

TW SERIES THREE-WAY TRUE UNION BALL VALVE PARTS (CONT.)

CPVC

| SIZE | ASSEMBLY NUT | | END CONNECTION | | | | | | BALL, STEM & HANDLE KIT** | |
|--------|--------------|------------|----------------|------------|-----------|------------|---------------------------|------------|---------------------------|------------|
| | | | Socket | | Threaded | | Flanged with Assembly Nut | | | |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | TUX9052 | \$22.30 | ECX95S | \$32.05 | ECX95T | \$32.05 | TUX900504F | \$174.80 | TWX25PAK | \$71.25 |
| 3/4" | TBX90752 | \$26.25 | ECX97S | \$36.25 | ECX97T | \$36.25 | TUX900754F | \$174.80 | TWX27PAK | \$75.25 |
| 1" | TBX91002 | \$26.25 | ECX91S | \$41.15 | ECX91T | \$41.15 | TUX901004F | \$218.25 | TWX21PAK | \$117.10 |
| 1-1/4" | TBX922 | \$65.90 | SBX9EC12S | \$101.25 | SBX9EC12T | \$177.25 | TUX901254F | \$251.60 | TWX22PAK | \$394.60 |
| 1-1/2" | TBX922 | \$65.90 | SBX9EC15S | \$101.25 | SBX9EC15T | \$177.25 | TUX901504F | \$295.80 | TWX22PAK | \$394.60 |
| 2" | TBX922 | \$65.90 | ECX92S | \$86.05 | ECX92T | \$86.05 | TUX902004F | \$384.20 | TWX22PAK | \$394.60 |
| 2-1/2" | BVX903002 | \$120.90 | ECX925S | \$183.85 | ECX925T | \$183.85 | TUX902504F | \$477.90 | TWX23PAK | \$608.00 |
| 3" | BVX903002 | \$120.90 | ECX93S | \$210.95 | ECX93T | \$210.95 | TUX903004F | \$588.80 | TWX23PAK | \$608.00 |
| 4" | TBX942 | \$134.75 | ECX94S | \$335.60 | ECX94T | \$335.60 | TUX904004F | \$1,177.55 | TWX24PAK | \$1,402.70 |
| | BSX942* | \$165.00 | ECX94SBS* | \$223.35 | ECX94TBS* | \$223.35 | LAX944F | \$1,177.55 | N/A | - |
| 6" | N/A | - | N/A | - | N/A | - | TUX906004F | \$1,339.20 | TWX24PAK | \$1,402.70 |
| | N/A | - | N/A | - | N/A | - | LAX964F | \$1,339.20 | N/A | |

| SIZE | HANDLE | | TN OR NT STYLE BALL ONLY | | TFE SEAT & FPM SEAL REPAIR KIT** | | TFE SEAT & EPDM SEAL REPAIR KIT** | |
|--------|----------|------------|--------------------------|------------|----------------------------------|------------|-----------------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | HLX23 | \$27.00 | NTX900503B | \$178.15 | LAX5PAK | \$28.05 | LAX5PAKE | \$21.50 |
| 3/4" | HLX23 | \$27.00 | NTX900753B | \$239.95 | LAX7PAK | \$29.10 | LAX7PAKE | \$22.30 |
| 1" | TWX1HL1 | \$32.05 | NTX901003B | \$373.75 | LAX1PAK | \$29.10 | LAX1PAKE | \$23.45 |
| 1-1/4" | TWX1HL2M | \$32.05 | NTX902003B | \$557.25 | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 1-1/2" | TWX1HL2M | \$32.05 | NTX902003B | \$557.25 | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 2" | TWX1HL2M | \$32.05 | NTX902003B | \$557.25 | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 2-1/2" | LAX1HL3 | \$95.65 | NTX903003B | \$754.35 | LAX3PAK | \$123.90 | LAX3PAKE | \$75.25 |
| 3" | LAX1HL3 | \$95.65 | NTX903003B | \$754.35 | LAX3PAK | \$123.90 | LAX3PAKE | \$75.25 |
| 4" | LAX1HL4 | \$105.10 | NTX904003B | \$1,688.35 | LAX4PAK | \$194.45 | LAX4PAKE | \$127.20 |
| 6" | LAX1HL4 | \$105.10 | NTX904003B | \$1,688.35 | LAX4PAK | \$194.45 | LAX4PAKE | \$127.20 |

* Required for 3rd port.

** Includes o-ring for duplex lateral valve repair.

LA SERIES LATERAL THREE-WAY TRUE UNION BALL VALVE PARTS

PVC

| SIZE | ASSEMBLY NUT | | FRONT ASSEMBLY NUT | | END CONNECTION | | | | |
|--------|--------------|------------|--------------------|------------|----------------|------------|-----------|------------|---------------------------|
| | | | | | Socket | | Threaded | | Flanged with Assembly Nut |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. LIST PRICE |
| 1/2" | TBX10752 | \$24.85 | N/A | - | ECX15S | \$21.40 | ECX15T | \$21.40 | TUX100504F \$107.70 |
| 3/4" | TBX10752 | \$24.85 | N/A | - | ECX17S | \$24.10 | ECX17T | \$24.10 | TUX100754F \$174.80 |
| 1" | TBX11002 | \$24.85 | N/A | - | ECX11S | \$27.70 | ECX11T | \$27.70 | TUX101004F \$166.70 |
| 1-1/4" | TBX122 | \$44.40 | N/A | - | SBX1EC12S | \$64.00 | SBX1EC12T | \$62.90 | TUX101254F \$166.70 |
| 1-1/2" | TBX122 | \$44.40 | N/A | - | SBX1EC15S | \$52.35 | SBX1EC15T | \$52.35 | TUX101504F \$181.20 |
| 2" | TBX122 | \$44.40 | N/A | - | ECX12S | \$57.95 | ECX12T | \$57.95 | TUX102004F \$268.70 |
| 2-1/2" | TBX132 | \$78.00 | N/A | - | ECX125S | \$133.55 | ECX125T | \$133.55 | TUX102504F \$276.55 |
| 3" | TBX132 | \$78.00 | N/A | - | ECX13S | \$130.20 | ECX13T | \$130.20 | TUX103004F \$387.50 |
| 4" | TBX142 | \$92.05 | BSX142* | \$133.55 | ECX14S | \$138.05 | ECX14T | \$138.05 | TUX104004F \$771.20 |
| | N/A | - | N/A | - | ECX14SBS* | \$203.45 | ECX14TBS* | \$203.45 | LAX144F \$771.20 |
| 6" | N/A | - | BSX142* | \$133.55 | N/A | - | N/A | - | TUX106004F \$872.85 |
| | N/A | - | N/A | - | N/A | - | N/A | - | LAX164F \$872.85 |

| SIZE | BALL, STEM & HANDLE KIT** | | HANDLE | | STANDARD 180° BALL | | STANDARD 90° BALL | |
|--------|---------------------------|------------|----------|------------|--------------------|------------|-------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | LAX15PAK | \$162.30 | HLX23 | \$27.00 | LAX1BL5 | \$131.05 | LAX1TN5 | \$123.10 |
| 3/4" | LAX17PAK | \$190.65 | HLX23 | \$27.00 | LAX1BL7 | \$160.50 | LAX1TN7 | \$157.75 |
| 1" | LAX11PAK | \$220.80 | HLX24 | \$32.05 | LAX1BL1 | \$163.70 | LAX1TN1 | \$163.70 |
| 1-1/4" | LAX12PAK | \$243.15 | HLX22 | \$32.05 | LAX1BL2 | \$171.45 | LAX1TN2 | \$171.45 |
| 1-1/2" | LAX12PAK | \$243.15 | HLX23 | \$32.05 | LAX1BL2 | \$161.75 | LAX1TN2 | \$161.75 |
| 2" | LAX12PAK | \$243.15 | LAX1HL2 | \$32.05 | LAX1BL2 | \$161.75 | LAX1TN2 | \$161.75 |
| 2-1/2" | LAX13PAK | \$370.00 | LAX1HL3 | \$95.65 | LAX1BL3 | \$200.35 | LAX1TN3 | \$200.35 |
| 3" | LAX13PAK | \$370.00 | LAX1HL3 | \$95.65 | LAX1BL3 | \$189.00 | LAX1TN3 | \$200.35 |
| 4" | LAX14PAK | \$370.00 | LAX1HL4 | \$105.10 | LAX1BL4 | \$438.20 | LAX1TN4 | \$438.20 |
| 6" | LAX14PAK | \$727.15 | LAX1HL4 | \$105.10 | LAX1BL4 | \$438.20 | LAX1TN4 | \$438.20 |

| SIZE | TFE SEAT & FPM SEAL REPAIR KIT*** | | TFE SEAT & EPDM SEAL REPAIR KIT*** | |
|--------|-----------------------------------|------------|------------------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | LAX5PAK | \$28.05 | LAX5PAKE | \$21.50 |
| 3/4" | LAX7PAK | \$29.10 | LAX7PAKE | \$22.30 |
| 1" | LAX1PAK | \$29.10 | LAX1PAKE | \$23.45 |
| 1-1/4" | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 1-1/2" | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 2" | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 2-1/2" | LAX3PAK | \$123.90 | LAX3PAKE | \$75.25 |
| 3" | LAX3PAK | \$123.90 | LAX3PAKE | \$75.25 |
| 4" | LAX4PAK | \$194.45 | LAX4PAKE | \$127.20 |
| 6" | LAX4PAK | \$194.45 | LAX4PAKE | \$127.20 |

* Required for 3rd port.

** Includes o-ring for duplex lateral valve repair.

LA SERIES LATERAL THREE-WAY TRUE UNION BALL VALVE PARTS (CONT.)

CPVC

| SIZE | ASSEMBLY NUT | | FRONT ASSEMBLY NUT | | END CONNECTION | | | | | |
|--------|--------------|------------|--------------------|------------|----------------|------------|-----------|------------|---------------------------|------------|
| | | | | | Socket | | Threaded | | Flanged with Assembly Nut | |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | TUX9052 | \$22.30 | N/A | - | ECX95S | \$32.05 | ECX95T | \$32.05 | TUX900504F | \$174.80 |
| 3/4" | TBX90752 | \$26.25 | N/A | - | ECX97S | \$36.25 | ECX97T | \$36.25 | TUX900754F | \$174.80 |
| 1" | TBX91002 | \$26.25 | N/A | - | ECX91S | \$41.15 | ECX91T | \$41.15 | TUX901004F | \$218.25 |
| 1-1/4" | TBX922 | \$65.90 | N/A | - | SBX9EC12S | \$101.25 | SBX9EC12T | \$177.25 | TUX901254F | \$251.60 |
| 1-1/2" | TBX922 | \$65.90 | N/A | - | SBX9EC15S | \$101.25 | SBX9EC15T | \$177.25 | TUX901504F | \$295.80 |
| 2" | TBX922 | \$65.90 | N/A | - | ECX92S | \$86.05 | ECX92T | \$86.05 | TUX902004F | \$384.20 |
| 2-1/2" | TBX932 | \$149.40 | N/A | - | ECX925S | \$183.85 | ECX925T | \$183.85 | TUX902504F | \$477.90 |
| 3" | TBX932 | \$149.40 | N/A | - | ECX93S | \$210.95 | ECX93T | \$210.95 | TUX903004F | \$588.80 |
| 4" | TBX942 | \$134.75 | BSX942* | \$165.00 | ECX94S | \$335.60 | ECX94T | \$335.60 | TUX904004F | \$1,177.55 |
| | N/A | - | N/A | - | ECX94SBS* | \$223.35 | ECX94TBS* | \$223.35 | LAX944F | \$1,177.55 |
| 6" | N/A | - | BSX942* | \$165.00 | N/A | - | N/A | - | TUX906004F | \$1,339.20 |
| | N/A | - | N/A | - | N/A | - | N/A | - | LAX964F | \$1,339.20 |

| SIZE | BALL, STEM & HANDLE KIT** | | HANDLE | | STANDARD 180° BALL | | STANDARD 90° BALL | |
|--------|---------------------------|------------|----------|------------|--------------------|------------|-------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | LAX25PAK | \$182.95 | HLX23 | \$27.00 | LAX9BL5 | \$152.85 | N/A | - |
| 3/4" | LAX27PAK | \$198.65 | HLX23 | \$27.00 | LAX9BL7 | \$174.80 | N/A | - |
| 1" | LAX21PAK | \$149.35 | HLX24 | \$27.00 | LAX9BL1 | \$197.00 | LAX9TN1 | \$197.00 |
| 1-1/4" | LAX22PAK | \$272.15 | HLX22 | \$32.05 | LAX9BL2 | \$216.15 | LAX9TN2 | \$216.15 |
| 1-1/2" | LAX22PAK | \$272.15 | HLX23 | \$32.05 | LAX9BL2 | \$216.15 | LAX9TN2 | \$216.15 |
| 2" | LAX22PAK | \$272.15 | LAX1HL2 | \$32.05 | LAX9BL2 | \$216.15 | LAX9TN2 | \$216.15 |
| 2-1/2" | LAX23PAK | \$577.85 | LAX1HL3 | \$95.65 | LAX9BL3 | \$435.00 | LAX9TN3 | \$435.00 |
| 3" | LAX23PAK | \$577.85 | LAX1HL3 | \$95.65 | LAX9BL3 | \$435.00 | LAX9TN3 | \$435.00 |
| 4" | LAX24PAK | \$701.70 | LAX1HL4 | \$105.10 | LAX9BL4 | \$460.30 | LAX9TN4 | \$460.30 |
| 6" | LAX24PAK | \$701.70 | LAX1HL4 | \$105.10 | LAX9BL4 | \$460.30 | LAX9TN4 | \$460.30 |

| SIZE | TFE SEAT & FPM SEAL REPAIR KIT** | | TFE SEAT & EPDM SEAL REPAIR KIT** | |
|--------|----------------------------------|------------|-----------------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | LAX5PAK | \$28.05 | LAX5PAKE | \$21.50 |
| 3/4" | LAX7PAK | \$29.10 | LAX7PAKE | \$22.30 |
| 1" | LAX1PAK | \$29.10 | LAX1PAKE | \$23.45 |
| 1-1/4" | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 1-1/2" | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 2" | LAX2PAK | \$41.50 | LAX2PAKE | \$33.25 |
| 2-1/2" | LAX3PAK | \$123.90 | LAX3PAKE | \$75.25 |
| 3" | LAX3PAK | \$123.90 | LAX3PAKE | \$75.25 |
| 4" | LAX4PAK | \$194.45 | LAX4PAKE | \$127.20 |
| 6" | LAX4PAK | \$194.45 | LAX4PAKE | \$127.20 |

* Required for 3rd port.

** Includes o-ring for duplex lateral valve repair.

TC SERIES TRUE UNION BALL CHECK VALVE PARTS

If required part is not listed below, refer to the part list for True Union Ball Valves.

Refer to part list for TB series, see [page 110](#)

PVC

| SIZE | BALL | | FPM SEAT & SEAL REPAIR KIT | | EPDM SEAT & SEAL REPAIR KIT | |
|--------|-----------|------------|----------------------------|------------|-----------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | TCX100503 | \$12.15 | TCX0050PAK | \$36.45 | TCX0050PAKE | \$29.35 |
| 3/4" | TCX100753 | \$23.45 | TCX0075PAK | \$44.85 | TCX0075PAKE | \$35.45 |
| 1" | TCX101003 | \$27.35 | TCX0100PAK | \$49.35 | TCX0100PAKE | \$39.60 |
| 1-1/4" | TCX101253 | \$34.20 | TCX0150PAK | \$72.05 | TCX0150PAKE | \$57.75 |
| 1-1/2" | TCX101503 | \$38.35 | TCX0150PAK | \$72.05 | TCX0150PAKE | \$57.75 |
| 2" | TCX102003 | \$106.90 | TCX0200PAK | \$93.35 | TCX0200PAKE | \$74.95 |
| 2-1/2" | TCX103003 | \$106.90 | TCX300PAK | \$143.60 | TCX300PAKE | \$114.75 |
| 3" | TCX103003 | \$201.15 | TCX300PAK | \$143.60 | TCX300PAKE | \$114.75 |
| 4" | TCX104003 | \$834.40 | TCX400PAK | \$254.40 | TCX400PAKE | \$202.90 |

CPVC

| SIZE | BALL | | FPM SEAT & SEAL REPAIR KIT | | EPDM SEAT & SEAL REPAIR KIT | |
|--------|-----------|------------|----------------------------|------------|-----------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | TCX200503 | \$6.25 | TCX0050PAK | \$36.45 | TCX0050PAKE | \$29.35 |
| 3/4" | TCX200753 | \$35.00 | TCX0075PAK | \$44.85 | TCX0075PAKE | \$35.45 |
| 1" | TCX201003 | \$41.45 | TCX0100PAK | \$49.35 | TCX0100PAKE | \$39.60 |
| 1-1/4" | TCX201253 | \$51.25 | TCX0125PAK | \$59.10 | TCX0150PAKE | \$47.55 |
| 1-1/2" | TCX201503 | \$57.75 | TCX0150PAK | \$72.05 | TCX0150PAKE | \$57.75 |
| 2" | TCX202003 | \$160.55 | TCX0200PAK | \$93.35 | TCX0200PAKE | \$74.95 |
| 3" | TCX903003 | \$301.35 | TCX300PAK | \$143.60 | TCX300PAKE | \$114.75 |
| 4" | TCX204003 | \$1,255.90 | TCX400PAK | \$254.40 | TCX400PAKE | \$202.90 |

PP

| SIZE | BALL | | FPM SEAT & SEAL REPAIR KIT | | EPDM SEAT & SEAL REPAIR KIT | |
|--------|-----------|------------|----------------------------|------------|-----------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | TCX400503 | \$15.50 | TCX0050PAK | \$36.45 | TCX0050PAKE | \$29.35 |
| 3/4" | TCX400753 | \$30.50 | TCX0075PAK | \$44.85 | TCX0075PAKE | \$35.45 |
| 1" | TCX401003 | \$35.65 | TCX0100PAK | \$49.35 | TCX0100PAKE | \$39.60 |
| 1-1/2" | TCX401503 | \$50.10 | TCX0150PAK | \$72.05 | TCX0150PAKE | \$57.75 |
| 2" | TCX402003 | \$139.20 | TCX0200PAK | \$93.35 | TCX0200PAKE | \$74.95 |

YC SERIES Y-CHECK VALVE PARTS

PVC

| SIZE | CAP | | DISC | | COIL | | FPM SEAL REPAIR KIT | |
|--------|------------|------------|------------|------------|------------|------------|---------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | YCX1005013 | \$36.80 | YCX1005012 | \$35.40 | YCX1005014 | \$15.10 | YCX0050PK | \$9.75 |
| 3/4" | YCX1007513 | \$45.70 | YCX1007512 | \$44.10 | YCX1007514 | \$20.40 | YCX0075PK | \$9.75 |
| 1" | YCX1010013 | \$58.70 | YCX1010012 | \$56.65 | YCX1010014 | \$25.65 | YCX0100PK | \$13.00 |
| 1-1/4" | YCX1015013 | \$73.35 | YCX1015012 | \$70.75 | YCX1015014 | \$29.25 | YCX0150PK | \$17.30 |
| 1-1/2" | YCX1015013 | \$73.35 | YCX1015012 | \$70.75 | YCX1015014 | \$29.25 | YCX0150PK | \$17.30 |
| 2" | YCX1020013 | \$99.10 | YCX1020012 | \$96.35 | YCX1020014 | \$141.20 | YCX0200PK | \$35.00 |
| 3" | YCX1030013 | \$189.05 | YCX1030012 | \$182.05 | YCX1030014 | \$198.70 | YCX0300PK | \$62.00 |
| 4" | YCX1040013 | \$256.50 | YCX1040012 | \$247.30 | YCX1040014 | \$248.15 | YCX0400PK | \$128.90 |

* For CPVC Consult Factory

SLC SERIES SPRING-LOADED Y-CHECK VALVES

| SIZE | SEAL KITS | | | | SPRINGS | |
|------|-----------|------------|----------|------------|-----------|------------|
| | FPM | | EPDM | | | |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1" | SLC1PAKV | \$53.05 | SLC1PAKE | \$37.30 | YRXSPR100 | \$13.90 |
| 2" | SLC2PAKV | \$64.85 | SLC2PAKE | \$47.15 | YRXSPR200 | \$35.65 |
| 3" | SLC3PAKV | \$79.50 | SLC3PAKE | \$57.45 | YRXSPR300 | \$139.90 |
| 4" | SLC4PAKV | \$101.20 | SLC4PAKE | \$72.30 | YRXSPR400 | \$238.30 |

SW SERIES SWING CHECK VALVE PARTS

| | 3" | | 4" | | 6" | | 8" | |
|--------------------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|
| DESCRIPTION | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| FPM Seat O-Ring Kit | SW300PAKV | \$265.30 | SW400PAKV | \$353.45 | SW600PAKV | \$406.70 | SW800PAKV | \$452.90 |
| EPDM Seat O-Ring Kit | SW300PAKE | \$179.10 | SW400PAKE | \$283.05 | SW600PAKE | \$325.55 | SW800PAKE | \$360.95 |
| FPM Flange O-Ring Seal | ORX339V70 | \$74.95 | ORX347V70 | \$74.95 | ORX363V70 | \$100.80 | ORX371V70 | \$100.80 |
| EPDM Flange O-Ring Seal | ORX339E70 | \$59.90 | ORX347E70 | \$59.90 | ORX363E70 | \$77.70 | ORX371E70 | \$77.70 |
| FPM Clapper O-Ring Seal | SWXV36 | \$134.45 | SWXV46 | \$141.65 | SWXV66 | \$152.05 | SWXV86 | \$159.55 |
| EPDM Clapper O-Ring Seal | SWXE36 | \$106.30 | SWXE46 | \$113.25 | SWXE66 | \$120.60 | SWXE86 | \$127.60 |
| PVC Counterweight Kit | SW13CKIT | \$442.30 | SW14CKIT | \$442.30 | SW16CKIT | \$442.30 | SW18CKIT | \$442.30 |
| PP Counterweight Kit | SW43CKIT | \$442.30 | SW44CKIT | \$442.30 | SW46CKIT | \$707.20 | SW48CKIT | \$883.60 |

* For CPVC Consult Factory

WCV SERIES CHECK VALVE PARTS

PVC

| SIZE | DISC KITS (DISC, AXLE CAP, DISC O-RING & BODY O-RING) | | | |
|--------|---|------------|-----------|------------|
| | FPM | | EPDM | |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 2" | WCXV1203V | \$106.55 | WCXV1203E | \$99.65 |
| 2-1/2" | WCXV1253V | \$111.80 | WCXV1253E | \$104.80 |
| 3" | WCXV1303V | \$127.60 | WCXV1303E | \$118.85 |
| 4" | WCXV1403V | \$160.75 | WCXV1403E | \$151.95 |
| 6" | WCXV1603V | \$197.20 | WCXV1603E | \$187.00 |
| 8" | WCXV1803V | \$246.20 | WCXV1803E | \$232.25 |

CPVC

| SIZE | DISC KITS (DISC, AXLE CAP, DISC O-RING & BODY O-RING) | | | |
|--------|---|------------|------------|------------|
| | FPM | | EPDM | |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 2" | WCXV9203V | \$131.00 | WCXV9203E | \$124.00 |
| 2-1/2" | WCXV9253V | \$138.05 | WCXV9253E | \$131.00 |
| 3" | WCXV9303V | \$157.20 | WCXV9303E | \$148.50 |
| 4" | WCXV9403V | \$197.20 | WCXV9403E | \$179.95 |
| 6" | WCXV9603V | \$244.35 | WCXV9603E | \$218.20 |
| 8" | WCXV9803V | \$305.45 | WCXV9803E | \$270.50 |
| 10" | WCXV91003V | \$776.85 | WCXV91003E | \$573.05 |
| 12" | WCXV91203V | \$1,142.55 | WCXV91203E | \$888.70 |

| SIZE | SEAL KITS ((2) FACE O-RING) | | | |
|--------|-----------------------------|------------|----------------|------------|
| | FPM | | EPDM | |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 2" | WCXV20SEALKITV | \$19.30 | WCXV20SEALKITE | \$15.90 |
| 2-1/2" | WCXV25SEALKITV | \$22.80 | WCXV25SEALKITE | \$19.30 |
| 3" | WCXV30SEALKITV | \$28.05 | WCXV30SEALKITE | \$24.50 |
| 4" | WCXV40SEALKITV | \$36.80 | WCXV40SEALKITE | \$31.60 |
| 6" | WCXV60SEALKITV | \$45.65 | WCXV60SEALKITE | \$40.30 |
| 8" | WCXV80SEALKITV | \$73.35 | WCXV80SEALKITE | \$66.50 |

| SIZE | SPRINGS | | | |
|--------|-----------------|------------|---------------|------------|
| | STAINLESS STEEL | | HASTELLOY | |
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 2" | WCXV20SPRINGS | \$69.90 | WCXV20SPRINGH | \$209.50 |
| 2-1/2" | WCXV25SPRINGS | \$78.65 | WCXV25SPRINGH | \$235.70 |
| 3" | WCXV30SPRINGS | \$87.40 | WCXV30SPRINGH | \$261.85 |
| 4" | WCXV40SPRINGS | \$96.05 | WCXV40SPRINGH | \$287.95 |
| 6" | WCXV60SPRINGS | \$113.55 | WCXV60SPRINGH | \$340.35 |
| 8" | WCXV80SPRINGS | \$131.00 | WCXV80SPRINGH | \$392.75 |

BYV SERIES BUTTERFLY VALVES PARTS

HANDLE KIT, THROTTLE PLATE AND O-RING KITS

| SIZE | HANDLE KIT | | THROTTLE PLATE | | FPM O-RING KITS | | EPDM O-RING KITS | |
|--------|------------|------------|----------------|------------|-----------------|------------|------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 2" | BYXV3HLKIT | \$171.70 | BYXVTP4 | \$54.35 | BYXV030ORKITV | \$34.50 | BYXV030ORKITE | \$20.85 |
| 2-1/2" | BYXV3HLKIT | \$171.70 | BYXVTP4 | \$54.35 | BYXV030ORKITV | \$34.50 | BYXV030ORKITE | \$20.85 |
| 3" | BYXV3HLKIT | \$171.70 | BYXVTP4 | \$54.35 | BYXV030ORKITV | \$34.50 | BYXV030ORKITE | \$20.85 |
| 4" | BYXV4HLKIT | \$171.70 | BYXVTP4 | \$54.35 | BYXV040ORKITV | \$39.90 | BYXV040ORKITE | \$24.00 |
| 6" | BYXV6HLKIT | \$198.85 | BYXVTP8 | \$90.45 | BYXV060ORKITV | \$47.15 | BYXV060ORKITE | \$28.35 |
| 8" | BYXV8HLKIT | \$198.85 | BYXVTP8 | \$90.45 | BYXV080ORKITV | \$56.10 | BYXV080ORKITE | \$33.80 |
| 10" | NA | - | NA | - | BYXV100ORKITV | \$67.05 | BYXV100ORKITE | \$40.20 |
| 12" | NA | - | NA | - | BYXV120ORKITV | \$79.65 | BYXV120ORKITE | \$47.85 |

DISC

| SIZE | PVC DISC | | GFPP DISC | | CPVC DISC | |
|--------|-----------|------------|-----------|------------|-----------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 2" | BYXV10202 | \$114.75 | BYXV40202 | \$137.60 | BYXV20202 | \$172.05 |
| 2-1/2" | BYXV10252 | \$127.40 | BYXV40252 | \$152.55 | BYXV20252 | \$190.80 |
| 3" | BYXV10302 | \$159.20 | BYXV40302 | \$190.80 | BYXV20302 | \$238.45 |
| 4" | BYXV10402 | \$163.35 | BYXV40402 | \$195.90 | BYXV20402 | \$244.80 |
| 6" | BYXV10602 | \$240.35 | BYXV40602 | \$288.35 | BYXV20602 | \$360.40 |
| 8" | BYXV10802 | \$326.30 | BYXV40802 | \$391.50 | BYXV20802 | \$489.25 |
| 10" | BYXV11002 | \$361.40 | BYXV41002 | \$451.70 | BYXV21002 | \$542.00 |
| 12" | BYXV11202 | \$406.55 | BYXV41202 | \$542.00 | BYXV21202 | \$677.35 |

LINER AND SEAL KITS

| SIZE | EPDM LINER AND SEALS | | VITON® LINER AND FPM SEALS | | NITRILE LINER AND SEALS | |
|--------|----------------------|------------|----------------------------|------------|-------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 2" | BYXV020KITE | \$155.80 | BYXV020KITV | \$540.35 | BYXV020KITN | \$155.80 |
| 2-1/2" | BYXV025KITE | \$164.60 | BYXV025KITV | \$587.15 | BYXV025KITN | \$164.60 |
| 3" | BYXV030KITE | \$173.25 | BYXV030KITV | \$641.40 | BYXV030KITN | \$173.25 |
| 4" | BYXV040KITE | \$240.35 | BYXV040KITV | \$767.80 | BYXV040KITN | \$240.35 |
| 6" | BYXV060KITE | \$305.65 | BYXV060KITV | \$1,039.25 | BYXV060KITN | \$305.65 |
| 8" | BYXV080KITE | \$482.15 | BYXV080KITV | \$1,723.60 | BYXV080KITN | \$482.15 |
| 10" | BYXV100KITE | \$970.25 | BYXV100KITV | \$2,853.50 | BYXV100KITN | \$970.25 |
| 12" | BYXV120KITE | \$1,093.00 | BYXV120KITV | \$3,738.85 | BYXV120KITN | \$1,093.00 |

GEARBOX*

| SIZE | PART NO. | LIST PRICE | SIZE | PART NO. | LIST PRICE |
|---------|----------|------------|------|----------|------------|
| 2" - 3" | GBV3 | \$901.25 | 8" | GBV8 | \$991.40 |
| 4" | GBV4 | \$901.25 | 10" | GBV10 | \$1,050.80 |
| 6" | GBV6 | \$901.25 | 12" | GBV12 | \$1,050.80 |

* Installation hardware included

HANDWHEEL FOR GEAR

| SIZE | PART NO. | LIST PRICE |
|-----------|----------|------------|
| 2" - 4" | GRXHW4 | \$89.55 |
| 6" - 8" | GRXHW8 | \$98.65 |
| 10" - 12" | GRXHW12 | \$107.80 |

REPLACEMENT PARTS PRICE LIST FOR SOLENOID VALVES

| SIZE | PVC CARTRIDGE & SEAL KIT FPM | PVC CARTRIDGE & SEAL KIT EPDM | CPVC CARTRIDGE & SEAL KIT FPM | CPVC CARTRIDGE & SEAL KIT EPDM | BONNET NUT |
|-------------|------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--------------------|
| 1/4" - 1/2" | SVX1VCART \$294.70 | SVX1ECART \$278.40 | SVX2VCART \$294.70 | SVX2ECART \$314.80 | SVX452B \$69.65 |
| 3/4" - 1" | SVX17VCART \$324.85 | SVX17ECART \$311.45 | SVX27VCART \$324.85 | SVX27ECART \$311.45 | SVX472B \$89.85 |

| SIZE | COIL 120 VOLT BONNET, NUT & CLIP | COIL 220 VOLT BONNET, NUT & CLIP | COIL 12 VAC OR 12 VDC, BONNET, NUT & CLIP | COIL 24 VAC OR 24 VDC, BONNET, NUT & CLIP |
|-------------|-------------------------------------|-------------------------------------|--|--|
| 1/4" - 1/2" | SVX5BCOIL120A \$549.95 | SVX5BCOIL220A \$549.95 | SVX5BCOIL12A/D \$721.10 | SVX5BCOIL24A/D \$721.10 |
| 3/4" - 1" | SVX1BCOIL120A \$569.50 | SVX1BCOIL220A \$569.50 | SVX1BCOIL12A/D \$746.75 | SVX1BCOIL24A/D \$746.75 |



DAB SERIES DIAPHRAGM VALVE PARTS - DIAPHRAGMS

| SIZE | MATERIAL | PART NO. | LIST PRICE |
|--------|----------|----------|------------|
| 1/2" | FPM | DVBXV053 | \$124.25 |
| 3/4" | FPM | DVBXV073 | \$143.05 |
| 1" | FPM | DVBXV103 | \$170.70 |
| 1-1/4" | FPM | DVBXV123 | \$327.60 |
| 1-1/2" | FPM | DVBXV153 | \$327.60 |
| 2" | FPM | DVBXV203 | \$384.80 |
| 2-1/2" | FPM | DVBXV253 | \$523.55 |
| 3" | FPM | DVBXV303 | \$721.80 |
| 4" | FPM | DVBXV403 | \$911.00 |
| 6" | FPM | DVBXV603 | \$2,849.10 |

| SIZE | MATERIAL | PART NO. | LIST PRICE |
|--------|----------|----------|------------|
| 1/2" | EPDM | DVBXE053 | \$59.55 |
| 3/4" | EPDM | DVBXE073 | \$70.10 |
| 1" | EPDM | DVBXE103 | \$90.80 |
| 1-1/4" | EPDM | DVBXE123 | \$178.40 |
| 1-1/2" | EPDM | DVBXE153 | \$178.40 |
| 2" | EPDM | DVBXE203 | \$204.60 |
| 2-1/2" | EPDM | DVBXE253 | \$292.05 |
| 3" | EPDM | DVBXE303 | \$392.50 |
| 4" | EPDM | DVBXE403 | \$514.35 |
| 6" | EPDM | DVBXE603 | \$1,503.20 |

| SIZE | MATERIAL | PART NO. | LIST PRICE |
|--------|----------|----------|------------|
| 1/2" | PTFE | DVBXT053 | \$155.10 |
| 3/4" | PTFE | DVBXT073 | \$175.90 |
| 1" | PTFE | DVBXT103 | \$222.10 |
| 1-1/4" | PTFE | DVBXT123 | \$387.30 |
| 1-1/2" | PTFE | DVBXT153 | \$387.30 |
| 2" | PTFE | DVBXT203 | \$464.95 |
| 2-1/2" | PTFE | DVBXT253 | \$702.00 |
| 3" | PTFE | DVBXT303 | \$836.40 |
| 4" | PTFE | DVBXT403 | \$1,042.80 |
| 6" | PTFE | DVBXT603 | \$3,530.15 |

DAB SERIES DIAPHRAGM VALVE PARTS

| SIZE | PVC END CONNECTORS | | | PVC ASSEMBLY NUT | |
|--------|--------------------|-------------|------------|------------------|------------|
| | END CONN. | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | Socket | DAXBEC1050S | \$19.95 | DABXNUT1050 | \$19.95 |
| | Threaded | DAXBEC1050T | \$19.95 | | |
| 3/4" | Socket | DAXBEC1075S | \$19.95 | DABXNUT1075 | \$16.70 |
| | Threaded | DAXBEC1075T | \$19.95 | | |
| 1" | Socket | DAXBEC1100S | \$22.35 | DABXNUT1100 | \$16.70 |
| | Threaded | DAXBEC1100T | \$22.35 | | |
| 1-1/4" | Socket | DAXBEC1125S | \$25.65 | DABXNUT1125 | \$32.95 |
| | Threaded | DAXBEC1125T | \$25.65 | | |
| 1-1/2" | Socket | DAXBEC1150S | \$38.30 | DABXNUT1150 | \$41.45 |
| | Threaded | DAXBEC1150T | \$38.30 | | |
| 2" | Socket | DAXBEC1200S | \$41.45 | DABXNUT1200 | \$95.50 |
| | Threaded | DAXBEC1200T | \$41.45 | | |

DAB SERIES DIAPHRAGM VALVE PARTS (CONT.)

| SIZE | CPVC END CONNECTORS | | | CPVC ASSEMBLY NUT | |
|--------|---------------------|-------------|------------|-------------------|------------|
| | END CONN. | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | Socket | DAXBEC2050S | \$29.85 | DABXNUT2050 | \$20.80 |
| | Threaded | DAXBEC2050T | \$29.85 | | |
| 3/4" | Socket | DAXBEC2075S | \$33.95 | DABXNUT2075 | \$24.60 |
| | Threaded | DAXBEC2075T | \$33.95 | | |
| 1" | Socket | DAXBEC2100S | \$38.30 | DABXNUT2100 | \$24.60 |
| | Threaded | DAXBEC2100T | \$38.30 | | |
| 1-1/4" | Socket | DAXBEC2125S | \$61.45 | DABXNUT2125 | \$49.15 |
| | Threaded | DAXBEC2125T | \$61.45 | | |
| 1-1/2" | Socket | DAXBEC2150S | \$61.45 | DABXNUT2150 | \$49.15 |
| | Threaded | DAXBEC2150T | \$61.45 | | |
| 2" | Socket | DAXBEC2200S | \$80.40 | DABXNUT2200 | \$61.45 |
| | Threaded | DAXBEC2200T | \$80.40 | | |

| SIZE | PP END CONNECTORS | | | PP ASSEMBLY NUT | |
|--------|-------------------|-------------|------------|-----------------|------------|
| | END CONN. | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | Threaded | DAXBEC3050T | \$25.65 | DABXNUT3050 | \$20.80 |
| 3/4" | Threaded | DAXBEC3075T | \$29.70 | DABXNUT3075 | \$24.60 |
| 1" | Threaded | DAXBEC3100T | \$33.75 | DABXNUT3100 | \$24.60 |
| 1-1/4" | Threaded | DAXBEC3125T | \$53.40 | DABXNUT3125 | \$49.15 |
| 1-1/2" | Threaded | DAXBEC3150T | \$53.40 | DABXNUT3150 | \$49.15 |
| 2" | Threaded | DAXBEC3200T | \$69.75 | DABXNUT3200 | \$61.45 |

| SIZE | PVDF END CONNECTORS | | | PVDF ASSEMBLY NUT | |
|--------|---------------------|-------------|------------|-------------------|------------|
| | END CONN. | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | Threaded | DAXBEC5050T | \$29.90 | DABXNUT5050 | \$23.85 |
| 3/4" | Threaded | DAXBEC5075T | \$34.45 | DABXNUT5075 | \$28.35 |
| 1" | Threaded | DAXBEC5100T | \$39.10 | DABXNUT5100 | \$28.35 |
| 1-1/4" | Threaded | DAXBEC5125T | \$61.90 | DABXNUT5125 | \$56.45 |
| 1-1/2" | Threaded | DAXBEC5150T | \$61.90 | DABXNUT5150 | \$56.45 |
| 2" | Threaded | DAXBEC5200T | \$80.65 | DABXNUT5200 | \$70.75 |

| ACRYLIC CAP REPLACEMENT | | |
|-------------------------|------------|------------|
| SIZE | PART NO. | LIST PRICE |
| 1/2" | DAXBCAP125 | \$59.50 |
| 3/4" | DAXBCAP125 | \$59.50 |
| 1" | DAXBCAP125 | \$59.50 |
| 1-1/4" | DAXBCAP125 | \$59.50 |
| 1-1/2" | DAXBCAP20 | \$59.50 |
| 2" | DAXBCAP20 | \$59.50 |
| 2-1/2" | DAXBCAP25 | \$75.75 |
| 3" | DAXBCAP30 | \$91.65 |
| 4" | DAXBCAP40 | \$127.00 |
| 6" | DAXBCAP60 | \$240.30 |
| 8" | DAXBCAP80 | \$446.75 |

RV SERIES PRESSURE RELIEF VALVE PARTS

| SIZE | PVC* SPRING | | FPM SEAT & SEAL KIT | | EPDM SEAT & SEAL KIT | | PISTON | | ADJUSTMENT SCREW | |
|--------|-------------|------------|---------------------|------------|----------------------|------------|------------|------------|------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | PRX00751B | \$285.70 | RVX0050PAK | \$56.65 | RVX0050PAKE | \$45.90 | RVX105023 | \$113.45 | RVX1005018 | \$85.30 |
| 3/4" | RVX007515B | \$285.70 | RVX0075PAK | \$68.30 | RVX0075PAKE | \$56.65 | RVX107523 | \$142.00 | RVX1007518 | \$113.45 |
| 1" | RVX010015B | \$285.70 | RVX0100PAK | \$85.30 | RVX0100PAKE | \$68.30 | RVX110023 | \$198.60 | RVX1010018 | \$142.00 |
| 1-1/2" | RVX015015B | \$341.85 | RVX0150PAK | \$113.45 | RVX0150PAKE | \$90.45 | RVX115023 | \$253.00 | RVX1015018 | \$171.25 |
| 2" | RVX020015B | \$369.00 | RVX0200PAK | \$142.00 | RVX0200PAKE | \$113.45 | RVX1020023 | \$313.55 | RVX1020018 | \$225.85 |

* CPVC, consult factory

PR SERIES PRESSURE REGULATOR VALVE PARTS

| SIZE | PVC* SPRING** | | FPM*** SEAT & SEAL KIT | | STEM | | PISTON | |
|--------|---------------|------------|------------------------|------------|-----------|------------|------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/4" | RVX010015B | \$285.70 | PRX0075PAK | \$146.10 | PRX100755 | \$236.70 | PRX1007523 | \$127.15 |
| 1/2" | RVX010015B | \$285.70 | PRX0075PAK | \$146.10 | PRX100755 | \$236.70 | PRX1007523 | \$127.15 |
| 3/4" | RVX010015B | \$285.70 | PRX0075PAK | \$146.10 | PRX100755 | \$236.70 | PRX1007523 | \$127.15 |
| 1" | PRX015015B | \$341.60 | PRX0150PAK | \$196.05 | PRX101505 | \$368.60 | PRX1015023 | \$236.70 |
| 1-1/2" | PRX015015B | \$341.60 | PRX0150PAK | \$196.05 | PRX101505 | \$368.60 | PRX1015023 | \$236.70 |

* For CPVC, consult factory.

** Spring Part # is for a KYNAR® coated spring. Kynar® is a registered trademark of Arkema, Inc.

*** EPDM, consult factory.

AV SERIES ANGLE GLOBE VALVE PARTS

| SIZE | FPM* SEAT & SEAL KIT | |
|--------|----------------------|------------|
| | PART NO. | LIST PRICE |
| 1/4" | AVX0025PAK | \$40.80 |
| 1/2" | AVX0050PAK | \$43.20 |
| 3/4" | AVX0075PAK | \$43.55 |
| 1" | AVX0100PAK | \$48.00 |
| 1-1/2" | AVX0150PAK | \$52.35 |
| 2" | AVX0200PAK | \$59.65 |

* EPDM, consult factory

PBV SERIES BACK PRESSURE VALVE PARTS

| SIZE | PRESSURE SPRING 0 - 50 PSI | | PRESSURE SPRING 10 - 150 PSI | | PRESSURE SPRING 10 - 250 PSI | |
|--------|-------------------------------|------------|---------------------------------|------------|---------------------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/4" | PBV0SPRNG050 | \$48.65 | PBV1SPRNG050 | \$48.65 | PBV2SPRNG050 | \$48.65 |
| 1/2" | PBV0SPRNG050 | \$48.65 | PBV1SPRNG050 | \$48.65 | PBV2SPRNG050 | \$48.65 |
| 3/4" | PBV0SPRNG100 | \$83.95 | PBV1SPRNG100 | \$83.95 | PBV2SPRNG100 | \$83.95 |
| 1" | PBV0SPRNG100 | \$83.95 | PBV1SPRNG100 | \$83.95 | PBV2SPRNG100 | \$83.95 |
| 1-1/2" | N/A | - | PBV1SPRNG200 | \$141.65 | N/A | - |
| 2" | N/A | - | PBV1SPRNG200 | \$141.65 | N/A | - |

| SIZE | DIAPHRAGM PTFE/EPDM | | DIAPHRAGM PTFE/FPM | | REBUILD KIT (Diaphragm PTFE/EPDM, Compressor, Adjustment Screw, Spring 10 - 150 psi) | |
|--------|------------------------|------------|-----------------------|------------|---|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/4" | PBVDIAPE050 | \$67.30 | PBVDIAPV050 | \$89.55 | PBVKITPE037 | \$162.15 |
| 1/2" | PBVDIAPE050 | \$67.30 | PBVDIAPV050 | \$89.55 | PBVKITPE037 | \$162.15 |
| 3/4" | PBVDIAPE100 | \$132.45 | PBVDIAPV100 | \$156.15 | PBVKITPE100 | \$270.20 |
| 1" | PBVDIAPE100 | \$132.45 | PBVDIAPV100 | \$156.15 | PBVKITPE100 | \$270.20 |
| 1-1/2" | PBVDIAPE200 | \$173.45 | PBVDIAPV200 | \$261.00 | PBVKITPE200 | \$354.05 |
| 2" | PBVDIAPE200 | \$173.45 | PBVDIAPV200 | \$261.00 | PBVKITPE200 | \$354.05 |

SB OR DB SERIES BASKET STRAINER PARTS

PVC

| SIZE | COVER ASSEMBLY PVC FPM | | COVER ASSEMBLY PVC EPDM | | O-RING FPM | | O-RING EPDM | | PLUG* | |
|-----------|---------------------------|------------|----------------------------|------------|---------------|------------|----------------|------------|------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2"-1" | BSX1111ASSY | \$115.30 | BSX1111ASSYE | \$102.40 | SB1KIT | \$28.15 | SB1KITE | \$23.75 | PVC—FPM | |
| 1-1/4"-2" | BSX1211ASSY | \$171.35 | BSX1211ASSYE | \$158.20 | SB2KIT | \$46.15 | SB2KITE | \$35.00 | BSX1PLUG2 | \$49.50 |
| 2-1/2"-4" | BSX1411ASSY | \$276.45 | BSX1411ASSYE | \$246.80 | SB4KIT | \$112.10 | SB4KITE | \$82.50 | PVC—EPDM | |
| 6"-8" | BSX1611ASSY | \$605.15 | BSX1611ASSYE | \$568.95 | SB6KIT | \$148.25 | SB6KITE | \$105.35 | BSX1PLUG2E | \$39.75 |

CPVC

| SIZE | COVER ASSEMBLY CPVC FPM | | COVER ASSEMBLY CPVC EPDM | | O-RING FPM | | O-RING EPDM | | PLUG* | |
|-----------|----------------------------|------------|-----------------------------|------------|---------------|------------|----------------|------------|------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2"-1" | BSX9111ASSY | \$148.25 | BSX9111ASSYE | \$128.65 | SB1KIT | \$28.15 | SB1KITE | \$23.75 | CPVC—FPM | |
| 1-1/4"-2" | BSX9211ASSY | \$197.55 | BSX9211ASSYE | \$186.35 | SB2KIT | \$46.15 | SB2KITE | \$35.00 | BSX9PLUG2 | \$69.40 |
| 2-1/2"-4" | BSX9411ASSY | \$355.40 | BSX9411ASSYE | \$327.65 | SB4KIT | \$112.10 | SB4KITE | \$82.50 | CPVC—EPDM | |
| 6"-8" | BSX9611ASSY | \$690.45 | BSX9611ASSYE | \$651.30 | SB6KIT | \$148.25 | SB6KITE | \$105.35 | BSX9PLUG2E | \$56.30 |

GFPP

| SIZE | COVER ASSEMBLY GFPP FPM | | COVER ASSEMBLY GFPP EPDM | | O-RING FPM | | O-RING EPDM | | PLUG* | |
|-----------|----------------------------|------------|-----------------------------|------------|---------------|------------|----------------|------------|------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2"-1" | BSX4111ASSY | \$162.95 | BSX4111ASSYE | \$141.30 | SB1KIT | \$28.15 | SB1KITE | \$23.75 | CPVC—FPM | |
| 1-1/4"-2" | BSX4211ASSY | \$217.35 | BSX4211ASSYE | \$204.80 | SB2KIT | \$46.15 | SB2KITE | \$35.00 | BSX4PLUG2 | \$76.25 |
| 2-1/2"-4" | BSX4411ASSY | \$390.95 | BSX4411ASSYE | \$360.25 | SB4KIT | \$112.10 | SB4KITE | \$82.50 | CPVC—EPDM | |
| | | | | | | | | | BSX4PLUG2E | \$61.75 |

* Plugs fit all sizes; use FPM or EPDM part number.

WARNING - If cover ever fails due to overpressurization or water-hammer failure, entire unit needs to be replaced. Failure to replace unit after water-hammer failure, or failure due to overpressurization could result in property damage, personal injury or even death.

PVC**

| SIZE | NUT | | SOCKET END CONN. | | THREADED END CONN. | | PORT CAPS | |
|--------|----------|------------|------------------|------------|--------------------|------------|-----------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | TBX11002 | \$24.40 | SBX1EC5S | \$20.45 | SBX1EC5T | \$20.45 | BSX1CAP1 | \$39.00 |
| 3/4" | TBX11002 | \$24.40 | SBX1EC7S | \$22.80 | SBX1EC7T | \$22.80 | | |
| 1" | TBX11002 | \$24.40 | ECX11S | \$27.70 | ECX11T | \$27.70 | | |
| 1-1/4" | TBX122 | \$43.60 | SBX1EC12S | \$64.00 | SBX1EC12T | \$62.90 | BSX1CAP2 | \$50.45 |
| 1-1/2" | TBX122 | \$43.60 | SBX1EC15S | \$52.35 | SBX1EC15T | \$52.35 | | |
| 2" | TBX122 | \$43.60 | ECX12S | \$57.95 | ECX12T | \$57.95 | | |
| 2-1/2" | BSX132 | \$129.60 | SBX1EC25S | \$127.40 | SBX1EC25T | \$127.40 | BSX1CAP3 | \$64.00 |
| 3" | BSX132 | \$129.60 | SBX1EC3S | \$186.05 | SBX1EC3T | \$186.05 | | |
| 4" | BSX142 | \$131.05 | ECX14SBS | \$203.45 | ECX14TBS | \$203.45 | | |

** For Eastar® Spare Parts, refer to PVC.

CPVC

| SIZE | NUT | | SOCKET END CONN. | | THREADED END CONN. | | PORT CAPS | |
|--------|----------|------------|------------------|------------|--------------------|------------|-----------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | TBX91002 | \$25.70 | SBX2EC5S | \$31.60 | SBX2EC5T | \$31.60 | BSX2CAP1 | \$47.65 |
| 3/4" | TBX91002 | \$25.70 | SBX2EC7S | \$34.55 | SBX2EC7T | \$34.55 | | |
| 1" | TBX91002 | \$25.70 | ECX91S | \$41.15 | ECX91T | \$41.15 | | |
| 1-1/4" | TBX922 | \$64.65 | SBX2EC12S | \$68.55 | SBX2EC12T | \$68.55 | BSX2CAP2 | \$62.35 |
| 1-1/2" | TBX922 | \$64.65 | SBX2EC15S | \$86.45 | SBX2EC15T | \$86.45 | | |
| 2" | TBX922 | \$64.65 | ECX92S | \$86.05 | ECX92T | \$86.05 | | |
| 2-1/2" | BSX932 | \$122.50 | SBX2EC25S | \$133.60 | SBX2EC25T | \$133.60 | BSX2CAP3 | \$62.35 |
| 3" | BSX932 | \$122.50 | SBX2EC3S | \$165.50 | SBX2EC3T | \$165.50 | | |
| 4" | BSX942 | \$165.00 | ECX94SBS | \$223.35 | ECX94TBS | \$223.35 | | |



DB SERIES BASKET STRAINERS SPARE PARTS SPOOLS & VALVES

PVC FPM

| SIZE | DOUBLE STEM LATERAL | | SINGLE STEM LATERAL | |
|--------|---------------------|------------|---------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | LAX1100DP2 | \$852.10 | LAX1100DP1 | \$710.15 |
| 3/4" | | | | |
| 1" | | | | |
| 1-1/4" | LAX1200DP2 | \$1,444.80 | LAX1200DP1 | \$1,048.55 |
| 2" | | | | |
| 2-1/2" | LAX1300DP2 | \$3,000.70 | LAX1300DP1 | \$2,158.75 |
| 3" | | | | |
| 4" | LAX1400DP2 | \$2,491.55 | LAX1400DP1 | \$2,246.20 |

PVC EPDM

| SIZE | DOUBLE STEM LATERAL | | SINGLE STEM LATERAL | |
|--------|---------------------|------------|---------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | LAX1100DP2E | \$811.90 | LAX1100DP1E | \$670.10 |
| 3/4" | | | | |
| 1" | | | | |
| 1-1/4" | LAX1200DP2E | \$1,156.30 | LAX1200DP1E | \$781.80 |
| 2" | | | | |
| 2-1/2" | LAX1300DP2E | \$2,930.50 | LAX1300DP1E | \$2,115.80 |
| 3" | | | | |
| 4" | LAX1400DP2E | \$2,421.55 | LAX1400DP1E | \$2,180.65 |

PVC FPM AND EPDM

| SIZE | DOUBLE STEM LATERAL | | SINGLE STEM LATERAL | |
|--------|---------------------|------------|---------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | DSX11SLEEVE | \$97.85 | DBX112 | \$82.50 |
| 3/4" | | | | |
| 1" | | | | |
| 1-1/4" | DSX12SLEEVE | \$111.35 | DBX122 | \$112.65 |
| 2" | | | | |
| 2-1/2" | DSX13SLEEVE | \$123.50 | DBX132 | \$350.15 |
| 3" | | | | |
| 4" | DSX14SLEEVE | \$201.75 | DBX142 | - |

CPVC FPM

| SIZE | DOUBLE STEM LATERAL | | SINGLE STEM LATERAL | |
|--------|---------------------|------------|---------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | LAX2100DP2 | \$948.15 | LAX2100DP1 | \$784.30 |
| 3/4" | | | | |
| 1" | | | | |
| 1-1/4" | LAX2200DP2 | \$1,786.05 | LAX2200DP1 | \$1,310.10 |
| 2" | | | | |
| 2-1/2" | LAX2300DP2 | \$3,191.65 | LAX2300DP1 | \$2,678.80 |
| 3" | | | | |
| 4" | LAX2400DP2 | \$3,191.65 | LAX2400DP1 | \$2,678.80 |

DB SERIES BASKET STRAINERS SPARE PARTS SPOOLS & VALVES (CONT.)

CPVC EPDM

| SIZE | DOUBLE STEM LATERAL | | SINGLE STEM LATERAL | |
|--------|---------------------|------------|---------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | LAX2100DP2E | \$904.45 | LAX2100DP1E | \$745.45 |
| 3/4" | | | | |
| 1" | | | | |
| 1-1/4" | LAX2200DP2E | \$1,846.45 | LAX2200DP1E | \$1,407.80 |
| 2" | | | | |
| 2-1/2" | LAX2300DP2E | \$3,191.65 | LAX2300DP1E | \$2,678.80 |
| 3" | | | | |
| 4" | LAX2400DP2E | \$3,191.65 | LAX2400DP1E | \$2,678.80 |

CPVC FPM AND EPDM

| SIZE | STEM SLEEVE | | SPOOL | |
|--------|-------------|------------|----------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | DSX91SLEEVE | \$101.30 | DBX212 | \$137.30 |
| 3/4" | | | | |
| 1" | | | | |
| 1-1/4" | DSX92SLEEVE | \$108.45 | DBX222 | \$156.35 |
| 2" | | | | |
| 2-1/2" | DSX93SLEEVE | \$181.75 | DBX232 | \$521.75 |
| 3" | | | | |
| 4" | DSX94SLEEVE | \$181.75 | DBX242 | \$607.05 |

YS SERIES STRAINER PARTS

PVC AND CPVC

| SIZE | CAP ONLY PVC | | CAP ONLY CPVC | | CAP FPM O-RING | | CAP EPDM O-RING | |
|--------|-----------------|------------|------------------|------------|-------------------|------------|--------------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | YCX1005013 | \$36.80 | YCX9005013 | \$52.05 | ORX121V70 | \$19.45 | ORX121E70 | \$15.75 |
| 3/4" | YCX1007513 | \$45.70 | YCX9007513 | \$64.70 | ORX128V70 | \$20.45 | ORX128E70 | \$16.45 |
| 1" | YCX1010013 | \$58.70 | YCX9010013 | \$86.40 | ORX223V70 | \$21.80 | ORX223E70 | \$17.55 |
| 1-1/4" | YCX1015013 | \$73.35 | YCX9015013 | \$104.35 | ORX229V70 | \$23.90 | ORX229E70 | \$19.30 |
| 1-1/2" | YCX1015013 | \$73.35 | YCX9015013 | \$104.35 | ORX229V70 | \$23.90 | ORX229E70 | \$19.30 |
| 2" | YCX1020013 | \$99.10 | YCX9020013 | \$141.05 | ORX234V70 | \$25.85 | ORX234E70 | \$20.70 |
| 3" | YCX1030013 | \$189.05 | YCX9030013 | \$269.40 | ORX349V70 | \$52.20 | ORX349E70 | \$41.80 |
| 4" | YCX1040013 | \$256.50 | YCX9040013 | \$365.75 | ORX357V70 | \$53.20 | ORX357E70 | \$42.55 |



YS SERIES Y-STRAINER SCREENS

Each Y-Strainer purchased comes standard with a 1/32" perf thermoplastic screen. When ordering the Y-Strainer, if you wish to change the standard perf to another thermoplastic perf size, there will be NO ADDITIONAL CHARGE. If you wish to change the standard thermoplastic screen to a SSTL perf or mesh size screen, there will be an additional charge.

THERMOPLASTIC SCREENS

To replace or to order an extra thermoplastic screen, use table below.

| PVC* | | | CPVC* | | | PTFE DIAMOND PERF FOR PVDF Y-STRAINER | | | | | |
|-----------|-------|------------|------------|------------|------------|---------------------------------------|------------|------------|-------|------------|------------|
| SIZE | PERF | PART NO. | LIST PRICE | PART NO. | LIST PRICE | PERF | PART NO. | LIST PRICE | PERF | PART NO. | LIST PRICE |
| 1/2" | 1/32" | YSX1005022 | \$50.80 | YSX2005022 | \$72.25 | 1/16" | YSXP005020 | POA | 3/32" | YSXP005014 | POA |
| 3/4" | 1/32" | YSX1007522 | \$57.60 | YSX2007522 | \$88.10 | 1/16" | YSXP007520 | POA | 3/32" | YSXP007514 | POA |
| 1" | 1/32" | YSX1010022 | \$66.20 | YSX2010022 | \$108.70 | 1/16" | YSXP010020 | POA | 3/32" | YSXP010014 | POA |
| 1-1/4"*** | 1/32" | YSX1015022 | \$76.75 | N/A | - | N/A | N/A | - | N/A | N/A | - |
| 1-1/2"*** | 1/32" | YSX1015022 | \$76.75 | YSX2015022 | \$137.25 | N/A | N/A | - | N/A | N/A | - |
| 2" | 1/32" | YSX1020022 | \$127.40 | YSX2020022 | \$178.35 | N/A | N/A | - | N/A | N/A | - |
| 2-1/2" | 1/32" | YSX1030022 | \$180.90 | N/A | - | N/A | N/A | - | N/A | N/A | - |
| 3" | 1/32" | YSX1030022 | \$180.90 | YSX2030022 | \$277.55 | N/A | N/A | - | N/A | N/A | - |
| 4" | 1/32" | YSX1040022 | \$224.85 | YSX2040022 | \$341.30 | N/A | N/A | - | N/A | N/A | - |

Note: YSXP() includes the fabric only. To order a new cartridge consult factory.

* For 1/16", 1/8" and 3/16" perf, consult factory for availability.

**For 1-1/4" & 1-1/2" True Union Strainer use 2" cartridge.

REPLACEMENT STAINLESS STEEL PERF SCREENS FOR PVC/CPVC YS STRAINERS

To replace or to order an extra SSTL perf screen, use table below.

| 316 STAINLESS STEEL | | | 316 STAINLESS STEEL | | |
|---------------------|------------|------------|---------------------|------------|------------|
| SIZE | PART NO. | LIST PRICE | SIZE | PART NO. | LIST PRICE |
| 1/2" | YS70050XXX | \$204.25 | 2" | YS70200XXX | \$438.80 |
| 3/4" | YS70075XXX | \$243.80 | 2-1/2" | YS70300XXX | \$511.70 |
| 1" | YS70100XXX | \$298.45 | 3" | YS70300XXX | \$511.70 |
| 1-1/4"* | YS70150XXX | \$377.70 | 4" | YS70400XXX | \$648.85 |
| 1-1/2"* | YS70150XXX | \$377.70 | | | |

SSTL screens are available in perfs of 1/32", 1/16", 1/8", 3/16", and 1/2". The 1/2" perf is offered ONLY on 1-1/2" & larger Y-Strainers. Substitute the perf size for the XXX in the part # table. (e.g., To choose 1/8" perf for a 1/2" y-strainer, the part # would be YS700501/8).

*For 1-1/4" & 1-1/2" True Union Strainer use 2" cartridge.

REPLACEMENT STAINLESS STEEL MESH SCREENS FOR PVC/CPVC YS STRAINERS

To replace or to order an extra SSTL Mesh screen, use table below.

| PVC W/ SSTL MESH | | | PVC W/ SSTL MESH | | | PVC W/ SSTL MESH | | |
|-------------------|------------|------------|-------------------|------------|------------|-------------------|------------|------------|
| SIZE | PART NO. | LIST PRICE | SIZE | PART NO. | LIST PRICE | SIZE | PART NO. | LIST PRICE |
| 1/2" | YS17050XXX | \$247.60 | 1-1/4"* | YS17150XXX | \$440.70 | 3" | YS17300XXX | \$666.75 |
| 3/4" | YS17075XXX | \$292.75 | 1-1/2"* | YS17150XXX | \$440.70 | 4" | YS17400XXX | \$841.85 |
| 1" | YS17100XXX | \$352.95 | 2" | YS17200XXX | \$546.10 | | | |
| CPVC W/ SSTL MESH | | | CPVC W/ SSTL MESH | | | CPVC W/ SSTL MESH | | |
| SIZE | PART NO. | LIST PRICE | SIZE | PART NO. | LIST PRICE | SIZE | PART NO. | LIST PRICE |
| 1/2" | YS27050XXX | \$260.60 | 1-1/4"* | YS27150XXX | \$479.60 | 3" | YS27300XXX | \$731.15 |
| 3/4" | YS27075XXX | \$310.95 | 1-1/2"* | YS27150XXX | \$479.60 | 4" | YS27400XXX | \$917.60 |
| 1" | YS27100XXX | \$382.05 | 2" | YS27200XXX | \$577.20 | | | |

SSTL Mesh screens are available in 20, 40, 60, 80 & 100. For other sizes, 200 & mesh, consult factory. Substitute the mesh size for the XXX in the part # table. (e.g., To choose 20 mesh screen for a 1/2" y-strainer, the part # would be YS1705020).

FPM seals are standard. For EPDM, add "E" to the end of part number in table. List is same for EPDM.

SS Perf or Mesh screens for PVDF strainers please consult factory.

For Hastelloy C276, Titanium, or Monel perf or mesh cartridges on PVC, CPVC, or PVDF please consult factory.

*For 1-1/4" & 1-1/2" True Union Strainer use 2" cartridge.

FLV SERIES BAG FILTER HOUSING PARTS

GFPP FLV

| DESCRIPTION | PART NO. | LIST PRICE | DESCRIPTION | PART NO. | LIST PRICE |
|------------------------------|-----------------|------------|-------------------------------------|-----------|------------|
| COVER KIT** | FLXV4P020202 | \$962.65 | 1-1/4" - 2" FPM SEAL KIT | FLXVKITV1 | \$366.80 |
| BASKET 16" ASSY* | FLXV4P010203VL | \$1,780.45 | 2-1/2" - 4" FPM SEAL KIT | FLXVKITV2 | \$379.45 |
| BASKET 16" ONLY | FLXV4P1SBSK | \$1,118.95 | 2" GFPP PLTNM ASSY NUT | FLX4P22 | \$50.20 |
| SOLID BASKET 32" ASSY, FPM* | FLXV4P020203VHD | \$1,887.75 | 3" GFPP PLTNM ASSY NUT | BSXP32 | \$119.50 |
| SOLID BASKET 32" ASSY, EPDM* | FLXV4P020203EHD | \$1,887.75 | 4" GFPP PLTNM ASSY NUT | BSXP42 | \$144.50 |
| BASKET RING ASSY | FLXV4PBASKRING | \$709.00 | 1-1/4" GFPP PLTNM THD END CONNECTOR | SBXPEC12T | \$59.05 |
| BAG RING FOR GFPP BASKET | FLXV4PBAGRING | \$171.15 | 1-1/2" GFPP PLTNM THD END CONNECTOR | SBXPEC15T | \$59.05 |
| BAG RING FOR SS BASKET | FLXV4PBAGRINGM | \$171.15 | 2" GFPP PLTNM THD END CONNECTOR | ECXP20T | \$59.10 |
| COVER O-RING | ORX449V70 | \$164.35 | 3" GFPP PLTNM THD END CONNECTOR | SBXPEC3T | \$166.85 |
| 1-1/4" - 2" EPDM SEAL KIT | FLXVKITE1 | \$350.85 | 4" GFPP PLTNM THD END CONNECTOR | ECXP4TFLV | \$184.55 |
| 2-1/2" - 4" EPDM SEAL KIT | FLXVKITE2 | \$354.40 | SINGLE CART. O-RING REPAIR KIT*** | CFXPAKV | \$144.65 |
| AIR RELIEF VALVE ASSY FPM | FLTVENT2 | \$166.80 | | | |
| AIR RELIEF VALVE ASSY EPDM | FLTVENT2E | \$166.80 | | | |

* Includes basket, handle, and o-ring.

** WARNING - If cover ever fails due to overpressurization or water-hammer failure, entire unit needs to be replaced. Failure to replace unit after water-hammer failure, or failure due to overpressurization could result in property damage, personal injury or even death.

*** Internal O-Rings only.

PVC & CPVC FLV SERIES BAG FILTER HOUSING PARTS

PVC

| DESCRIPTION | PART NO. | LIST PRICE |
|---------------------------------|-------------|------------|
| COVER ASSY | FLX1211ASSY | \$628.35 |
| BAG RETAINER | FLX1BAGRET | \$262.65 |
| VENT VALVE ASSY | FL1VENTASSY | \$185.80 |
| BASKET 16" | FLX12BSKL | \$1,512.95 |
| BASKET 32" | FLX12BSK | \$1,593.50 |
| 1-1/4" - 2" PVC ASSY NUT | TBX122 | \$43.60 |
| 2-1/2" - 3" PVC ASSY NUT | BSX132 | \$129.60 |
| 4" PVC ASSY NUT | BSX142 | \$131.05 |
| 1-1/4" PVC SOCKET END CONNECTOR | SBX1EC12S | \$64.00 |
| 1-1/2" PVC SOCKET END CONNECTOR | SBX1EC15S | \$52.35 |
| 2" PVC SOCKET END CONNECTOR | ECX12S | \$57.95 |
| 2-1/2" PVC SOCKET END CONNECTOR | SBX1EC25S | \$127.40 |
| 3" PVC SOCKET END CONNECTOR | SBX1EC3S | \$186.05 |
| 4" PVC SOCKET END CONNECTOR | ECX14SBS | \$203.45 |

CPVC

| DESCRIPTION | PART NO. | LIST PRICE |
|----------------------------------|-------------|------------|
| COVER ASSY | FLX9211ASSY | \$716.85 |
| BAG RETAINER | FLX2BAGRET | \$771.45 |
| VENT VALVE ASSY | FL2VENTASSY | \$202.10 |
| BASKET 16" | FLX22BSKL | \$1,803.15 |
| BASKET 32" | FLX22BSK | \$2,387.00 |
| 1-1/4" - 2" CPVC ASSY NUT | TBX922 | \$64.65 |
| 2-1/2" - 3" CPVC ASSY NUT | BSX932 | \$122.50 |
| 4" CPVC ASSY NUT | BSX942 | \$165.00 |
| 1-1/4" CPVC SOCKET END CONNECTOR | SBX2EC12S | \$68.55 |
| 1-1/2" CPVC SOCKET END CONNECTOR | SBX2EC15S | \$86.45 |
| 2" CPVC SOCKET END CONNECTOR | ECX92S | \$86.05 |
| 2-1/2" CPVC SOCKET END CONNECTOR | SBX2EC25S | \$133.60 |
| 3" CPVC SOCKET END CONNECTOR | SBX2EC3S | \$165.50 |
| 4" CPVC SOCKET END CONNECTOR | ECX94SBS | \$223.35 |

SEAL KITS FOR PVC & CPVC

| DESCRIPTION | PART NO. | LIST PRICE |
|---------------------------|-----------|------------|
| 1-1/4" - 2" FPM SEAL KIT | FLXTKITV1 | \$366.80 |
| 2-1/2" - 4" FPM SEAL KIT | FLXTKITV2 | \$350.85 |
| 1-1/4" - 2" EPDM SEAL KIT | FLXTKITE1 | \$375.95 |
| 2-1/2" - 4" EPDM SEAL KIT | FLXTKITE2 | \$354.40 |
| Cover O-ring | ORX368V70 | \$109.25 |

NEW ROW



Z SERIES PARTS ACCESSORIES & PARTS

| DESCRIPTION | PART NO. | LIST PRICE |
|--|-----------------|------------|
| Pump Head Assy PVDF FPM w/ Cer Ball Valve Sz 100 200 | ZXXPH5100200 | \$678.30 |
| Pump Head Assy PVDF FPM w/ Cer Ball Valve Sz 500 | ZXXPH5500 | \$806.50 |
| Valve Assy PVDF FPM FPM w/ Cer Ball Valve Sz 100 200 | ZXXVA5100200 | \$466.45 |
| Valve Assy PVDF FPM FPM w/ Cer Ball Valve Sz 500 | ZXXVA5500 | \$551.90 |
| Diaphragm PTFE Sz 100 200 | ZXXDP100200 | \$85.50 |
| Diaphragm PTFE Sz 500 | ZXXDP500 | \$169.20 |
| Front Panel Lid Sz 100 200 500 | ZXXFP100200500 | \$42.80 |
| Wiring Terminal Block ZMA Sz 100 200 500 | ZMXAWT100200500 | \$83.85 |
| Wiring Terminal Block ZPD ZPA Sz 100 200 500 | ZPXXWT100200500 | \$94.05 |
| Wiring Terminal Block ZRD Sz 100 200 500 | ZRXDWT100200500 | \$94.05 |
| Mounting Bracket | ZXXMT100200500 | \$106.05 |
| Complete Solenoid Sz 100 | ZXXCS100 | \$403.25 |
| Complete Solenoid Sz 200 | ZXXCS200 | \$615.00 |
| Complete Solenoid Sz 500 | ZXXCS500 | \$635.70 |
| Analog Circuit 100-240VAC ZMA Sz 100 | ZMXAAC100 | \$466.45 |
| Analog Circuit 100-240VAC ZMA Sz 200 | ZMXAAC200 | \$488.60 |
| Analog Circuit 100-240VAC ZMA Sz 500 | ZMXAAC500 | \$509.10 |
| Digital Circuit 100-240VAC ZPD Sz 100 | ZPXDDC100 | \$1,103.60 |
| Digital Circuit 100-240VAC ZPD Sz 200 | ZPXDDC200 | \$1,146.40 |
| Digital Circuit 100-240VAC ZPD Sz 500 | ZPXDDC500 | \$1,188.95 |
| Digital Circuit 100-240VAC ZPA Sz 100 | ZPXADC100 | \$662.80 |
| Digital Circuit 100-240VAC ZPA Sz200 | ZPXADC200 | \$688.55 |
| Digital Circuit 100-240VAC ZPA Sz 500 | ZPXADC500 | \$739.60 |
| Digital Circuit 100-240VAC ZRP Sz 100 | ZRXPDC100 | \$1,257.30 |
| Digital Circuit 100-240VAC ZRP Sz 200 | ZRXPDC200 | \$1,291.45 |
| Digital Circuit 100-240VAC ZRP Sz 500 | ZRXPDC500 | \$1,358.10 |
| Foot Filter Kit PVDF FPM 100 200 1 Pc | ZXX5FFK100200 | \$211.95 |
| Foot Filter Kit PVDF FPM 500 1 Pc | ZXX5FFK500 | \$211.95 |
| Injection Valve Kit PVDF FPM 100 200 1 Pc | ZXX5IVK100200 | \$297.35 |
| Injection Valve Kit PVDF FPM 500 1 Pc | ZXX5IVK500 | \$297.35 |
| Kit Fittings PVDF 100 200 10 Pc | ZXX5KF100200 | \$297.35 |
| Kit Fittings PVDF 500 10 Pc | ZXX5KF500 | \$423.70 |
| Flow Switch | ZFS500 | \$441.70 |
| Level Switch | ZLS500 | \$68.45 |

LIFESTAR® AQUATIC PUMP SPARE PARTS

| DESCRIPTION | PART NUMBER | LIST PRICE |
|---------------------------------|--------------|------------|
| True Union Connector Kit | 1AX3SESUNKIT | \$50.75 |
| True Union EPDM Gasket 2 PCS | 1AX3SESUG | \$13.75 |
| Strainer Cover Kit | 1AX3SESDLS | \$87.10 |
| O-Ring Strainer Cover | 1AX3SESS | \$15.25 |
| Strainer Basket | 1AX3SESM | \$37.00 |
| Diffuser Screw | 1AX3SESZ8 | \$4.25 |
| Diffuser | 1AX3SESB3 | \$44.25 |
| Impeller Screw | 1AX3SESZ1 | \$15.95 |
| 1/2 HP Impeller with screw | 1AX3SES05C | \$212.50 |
| 3/4 HP Impeller with screw | 1AX3SES07C | \$212.50 |
| 1 HP Impeller with screw | 1AX3SES10C | \$212.50 |
| 1-1/2 HP Impeller with screw | 1AX3SES15C | \$212.50 |

| DESCRIPTION | PART NUMBER | LIST PRICE |
|--|-------------|------------|
| 2 HP Impeller with screw | 1AX3SES20C | \$212.50 |
| 3 HP Impeller with screw | 1AX3SES30C | \$212.50 |
| 5 HP Impeller with screw | 1AX3SES50C | \$212.50 |
| Shaft Seal Assembly Silicon Carbide/Silicon Carbide | 1AX3SESSA | \$228.75 |
| Housing O-Ring | 1AX3SEST | \$11.60 |
| Seal Plate | 1AX3SESE | \$56.00 |
| Housing Insert and Seal Plate Kit | 1AX3SESZ211 | \$25.60 |
| Housing Bolt | 1AX3SESZ3 | \$4.80 |
| Motor Bolt | 1AX3SESZ5 | \$4.80 |
| Motor Support Bracket | 1AX3SESGA | \$44.35 |
| Short Riser Base | 1AX3SESWF | \$42.30 |
| Tall Riser Base | 1AX3SESSR | \$40.20 |

R SERIES PARTS

| DESCRIPTION | QUANTITY | FOR MODEL NO. | PART NO. | LIST PRICE |
|---------------------------------------|----------|------------------------|-----------|------------|
| PUMPS | | | | |
| Bracket, NEMA | 1 | RX05 - RX50 | 1MXBR | \$719.90 |
| Bushing (Carbon) - option | 1 | RX05 - RX50 | 1MXBCAR | \$565.30 |
| Bushing (Ceramic) - option | 1 | RX05 - RX50 | 1MXBCER | \$640.55 |
| Bushing (PTFE) - standard | 1 | RX05 - RX50 | 1MXBTEF | \$326.35 |
| Cap Screw Set for Pump Base | 4 | RX05 - RX30 | SCR83KIT | \$67.80 |
| Cap Screw Set for Pump Base | 4 | RX50 | SCR135KIT | \$87.85 |
| Cap Screw Set for Rear Casing Support | 6 | RX05 - RX50 | SCR111KIT | \$67.80 |
| Shaft Support | 1 | RX10 | 1MXSS10 | \$258.95 |
| Shaft Support | 1 | RX05,RX07 | 1MXSS07 | \$235.00 |
| Shaft Support | 1 | RX15, RX20, RX30, RX50 | 1MXSS25 | \$322.25 |
| Casing- Front (GFPP) | 1 | RC03 | 1MX3FC03 | \$406.00 |
| Casing- Front (GFPP) | 1 | RX05,RX07 | 1MX3FC07 | \$485.25 |
| Casing- Front (GFPP) | 1 | RX10 | 1MX3FC10 | \$529.30 |
| Casing- Front (GFPP) | 1 | RX15, RX20, RX30, RX50 | 1MX3FC25 | \$811.55 |
| Casing-Rear with shaft (GFPP) | 1 | RC03 | 1MX3RC03 | \$485.25 |
| Casing-Rear (GFPP) | 1 | RX05,RX07 | 1MX3RC07 | \$235.00 |
| Casing-Rear (GFPP) | 1 | RX10 | 1MX3RC10 | \$258.95 |
| Casing-Rear (GFPP) | 1 | RX15,RX20,RX30,RX50 | 1MX3RC25 | \$886.90 |
| Casing Support -Rear | 1 | RX05,RX07 | 1MXCS07 | \$290.85 |
| Casing Support -Rear | 1 | RX10 | 1MXCS10 | \$290.85 |

CHECK IF CORRECT

R SERIES PARTS (CONT.)

| DESCRIPTION | QUANTITY | FOR MODEL NO. | PART NO. | LIST PRICE |
|---|----------|---------------------|-------------|------------|
| Casing Support -Rear | 1 | RX15,RX20,RX30,RX50 | 1MXCS25 | \$485.25 |
| Flange Kit (GFPP) | 1 | RX05,RX07,RX10 | 1MX3FK1.5 | \$533.20 |
| Flange Kit (GFPP) | 1 | RX15,RX20,RX30,RX50 | 1MX3FK2.0 | \$660.45 |
| Flange Kit (CFR PVDF) | 1 | RX05,RX07,RX10 | 1MX7FK1.5 | \$1,064.65 |
| Flange Kit (CFR PVDF) | 1 | RX15,RX20,RX30,RX50 | 1MX7FK2.0 | \$1,239.65 |
| Hex Bolt Set for Casing | 6 | RC03 | SCR130KIT | \$67.80 |
| Hex Bolt Set for Casing | 6 | RX05,RX07 | SCR13126KIT | \$67.80 |
| Hex Bolt Set for Casing | 8 | RX10 | SCR13128KIT | \$87.85 |
| Hex Bolt Set for Casing | 8 | RX15,RX20,RX30,RX50 | SCR1334KIT | \$107.85 |
| IMPELLERS | | | | |
| Impeller with integral bushing (GFPP) | 1 | RC03 | 1MX303 | \$406.00 |
| Impeller (GFPP) | 1 | RX05 | 1MX305 | \$576.65 |
| Impeller (GFPP) | 1 | RX07 | 1MX307 | \$604.70 |
| Impeller (GFPP) | 1 | RX10 | 1MX310 | \$640.55 |
| Impeller (GFPP) | 1 | RX15 | 1MX315 | \$2,196.55 |
| Impeller (GFPP) | 1 | RX20,RX30 | 1MX320 | \$2,298.50 |
| Impeller (GFPP) | 1 | RX50 | 1MX350 | \$3,627.00 |
| Impeller with integral bushing (PVDF) | 1 | RC03 | 1MX703 | \$719.90 |
| Impeller (PVDF) | 1 | RX05 | 1MX705 | \$943.95 |
| Impeller (PVDF) | 1 | RX07 | 1MX707 | \$973.40 |
| Impeller (PVDF) | 1 | RX10 | 1MX710 | \$1,015.05 |
| Impeller (PVDF) | 1 | RX15 | 1MX715 | \$2,760.35 |
| Impeller (PVDF) | 1 | RX20,RX30 | 1MX723 | \$2,873.10 |
| Impeller (PVDF) | 1 | RX50 | 1MX750 | \$4,382.50 |
| MOTORS | | | | |
| Motor (1 Phase) - standard | 1 | RC03 | 1MXMT03-1 | \$1,535.90 |
| Motor (3 Phase) | 1 | RC03 | 1MXMT03-3 | \$1,288.70 |
| Motor Mounting Plate | 1 | RX50 | 1MXMP50 | \$640.55 |
| SEALS | | | | |
| Mouth Ring (PTFE) | 1 | RX05,RX07 | 1MXMR07 | \$107.85 |
| Mouth Ring (PTFE) | 1 | RX10 | 1MXMR10 | \$107.85 |
| Mouth Ring (PTFE) | 1 | RX15,RX20,RX30,RX50 | 1MXMR25 | \$107.85 |
| O-ring for 1-1/2" Flange (EPDM) - option | 1 | RX05 - RX50 | ORX129E70 | \$32.75 |
| O-ring for 1-1/2" Flange (FPM) - standard | 1 | RX05 - RX50 | ORX129V70 | \$39.95 |
| O-ring for 2" Flange (EPDM) - option | 1 | RX15,RX20,RX30,RX50 | ORX136E70 | \$39.95 |
| O-ring for 2" Flange (FPM) - standard | 1 | RX15,RX20,RX30,RX50 | ORX136V70 | \$46.80 |
| O-ring for Casing (EPDM) - option | 1 | RC03 | ORX156E70 | \$51.85 |
| O-ring for Casing (EPDM) - option | 1 | RX05,RX07 | ORX357E70 | \$42.55 |
| O-ring for Casing (EPDM) - option | 1 | RX10 | ORX362E70 | \$76.10 |
| O-ring for Casing (EPDM) - option | 1 | RX15,RX20,RX30,RX50 | ORX365E70 | \$72.30 |
| O-ring for Casing (FPM) - standard | 1 | RC03 | ORX156V70 | \$67.90 |
| O-ring for Casing (FPM) - standard | 1 | RX05,RX07 | ORX357V70 | \$53.20 |
| O-ring for Casing (FPM) - standard | 1 | RX10 | ORX362V70 | \$104.25 |
| O-ring for Casing (FPM) - standard | 1 | RX15,RX20,RX30,RX50 | ORX365V70 | \$215.85 |
| PUMPS | | | | |
| Outer Magnet | 1 | RC03 | 1MXMG03 | \$640.55 |
| Outer Magnet | 1 | RX05,RX07,RX10 | 1MXMG071 | \$1,130.05 |
| Outer Magnet | 1 | RX15,RX20,RX30 | 1MXMG23 | \$2,804.10 |
| Outer Magnet | 1 | RX50 | 1MXMG50 | \$3,619.65 |
| Pump Base | 1 | RX05,RX07 | 1MXPB07 | \$107.85 |
| Pump Base | 1 | RX10 | 1MXPB10 | \$163.30 |
| Pump Base | 1 | RX15,RX20,RX30 | 1MXPB23 | \$258.95 |
| Pump Base | 1 | RX50 | 1MXPB50 | \$747.80 |
| Shaft Support | 1 | RX10 | 1MXSS10 | \$258.95 |
| Shaft Support | 1 | RX15,RX20,RX30,RX50 | 1MXSS25 | \$322.25 |

Consult Hayward for ETFE parts and pricing.

T SERIES PARTS

| DESCRIPTION | FOR MODEL NO. | PART NO. | LIST PRICE |
|---|---------------|-----------|------------|
| IMPELLER KITS | | | |
| IMPELLER KIT (CPVC) MODEL T2 FOR 1 & 3 PHASE | T2 | 1T2IMPKIT | \$667.90 |
| IMPELLER KIT (CPVC) MODEL T4 FOR 1 & 3 PHASE | T4 | 1T4IMPKIT | \$1,211.25 |
| IMPELLER KIT (CPVC) MODEL T5 FOR 1 & 3 PHASE | T5 | 1T5IMPKIT | \$1,211.25 |
| IMPELLER KIT (CPVC) MODEL T6 FOR 1 & 3 PHASE | T6 | 1T6IMPKIT | \$1,211.25 |
| IMPELLER KIT (CPVC) MODEL T7 FOR 1 & 3 PHASE | T7 | 1T7IMPKIT | \$1,266.30 |
| IMPELLER KIT (CPVC) MODEL T8 FOR 1 & 3 PHASE | T8 | 1T8IMPKIT | \$1,305.00 |
| PUMP HEAD KITS | | | |
| PUMP HEAD KIT (CPVC) MODEL T2 FOR 1 & 3 PHASE | T2 | 1T2PHKIT | \$1,925.50 |
| PUMP HEAD KIT (CPVC) MODEL T4 FOR 1 & 3 PHASE | T4 | 1T4PHKIT | \$2,133.80 |
| PUMP HEAD KIT (CPVC) MODEL T5 FOR 1 & 3 PHASE | T5 | 1T5PHKIT | \$2,133.80 |
| PUMP HEAD KIT (CPVC) MODEL T6 FOR 1 & 3 PHASE | T6 | 1T6PHKIT | \$2,133.80 |
| PUMP HEAD KIT (CPVC) MODEL T7 FOR 1 & 3 PHASE | T7 | 1T7PHKIT | \$2,133.80 |
| PUMP HEAD KIT (CPVC) MODEL T8 FOR 1 & 3 PHASE | T8 | 1T8PHKIT | \$2,133.80 |

* GFPP and PVDF spare parts available upon request.

D & S SERIES PARTS

| DESCRIPTION | FOR MODEL NO. | PART NO. | LIST PRICE |
|---------------------|---------------|------------|------------|
| IMPELLERS | | | |
| IMPELLER (CPVC) | S4 | PK912 | \$837.30 |
| IMPELLER (PVDF) | S4 | PK912-2 | \$1,126.90 |
| IMPELLER (PP) | S4 | PK912-3 | \$784.75 |
| IMPELLER (CPVC) | SS1 | 16FA00916 | \$280.00 |
| IMPELLER (PVDF) | SS1 | 16FA2-916 | \$444.45 |
| IMPELLER (PP) | SS1 | 16FA3-916 | \$276.10 |
| IMPELLER | SS1 | 16FA6-916 | \$306.70 |
| IMPELLER (CPVC) | DD1 | 16FA00925 | \$280.00 |
| IMPELLER (PVDF) | DD1 | 16FA2-0925 | \$444.45 |
| IMPELLER | DD1 | 16FA6-0925 | \$306.70 |
| IMPELLER (CPVC) | D1 | 16FA01025 | \$280.00 |
| IMPELLER (PVDF) | D1 | 16FA2-1025 | \$444.45 |
| IMPELLER | D1 | 16FA6-1025 | \$306.70 |
| IMPELLER (CPVC) | S1 | 16FA01070 | \$249.45 |
| IMPELLER (PVDF) | S1 | 16F2-1070 | \$416.60 |
| IMPELLER (PP) | S1 | 16F3-1070 | \$249.45 |
| IMPELLER | S1 | 16F6-1070 | \$276.10 |
| IMPELLER (CPVC) | S2 | 16FA01072 | \$344.95 |
| IMPELLER (PVDF) | S2 | 16F2-1072 | \$500.45 |
| IMPELLER (PP) | S2 | 16F3-1072 | \$390.80 |
| IMPELLER KIT (CPVC) | S8 | PK1078 | \$850.40 |
| IMPELLER KIT (PVDF) | S8 | PK1078-2 | \$1,097.05 |
| IMPELLER KIT (PP) | S8 | PK1078-3 | \$1,164.80 |
| IMPELLER KIT (CPVC) | SS6 | PK1078F | \$912.90 |
| IMPELLER KIT (PVDF) | SS6 | PK1078F-2 | \$1,072.40 |
| IMPELLER KIT (PP) | SS6 | PK1078F-3 | \$973.20 |
| IMPELLER KIT (CPVC) | SS7 | PK1078G | \$873.25 |
| IMPELLER KIT (PVDF) | SS7 | PK1078G-2 | \$1,121.20 |
| IMPELLER KIT (PP) | SS7 | PK1078G-3 | \$973.20 |
| IMPELLER KIT (CPVC) | S5 | PK1089 | \$696.60 |
| IMPELLER KIT (PVDF) | S5 | PK1089-2 | \$1,148.95 |
| IMPELLER KIT (PP) | S5 | PK1089-3 | \$784.95 |
| IMPELLER KIT (CPVC) | S16 | PK1091 | \$1,447.20 |
| IMPELLER KIT (CPVC) | S12 | PK1092 | \$1,297.75 |
| IMPELLER KIT (CPVC) | S12 | PK1092-45 | \$1,321.20 |

D & S SERIES PARTS (CONT.)

| DESCRIPTION | FOR MODEL NO. | PART NO. | LIST PRICE |
|-------------------------|---------------|-----------|------------|
| IMPELLERS | | | |
| MOUNTING PLATE | S2,S4,S5,S8 | 16FA02173 | \$452.10 |
| IMPELLER SCREW (CPVC) | S4,S5 | 16FA02539 | \$42.45 |
| IMPELLER SCREW (PVDF) | S4,S5 | 16F2-2539 | \$88.45 |
| IMPELLER SCREW (PP) | S4,S5 | 16F3-2539 | \$53.75 |
| IMPELLER SCREW (CPVC) | S8,SS6,SS7 | 16FA02546 | \$53.75 |
| IMPELLER SCREW (PVDF) | S8,SS7,SS6 | 16F2-2546 | \$88.45 |
| IMPELLER SCREW (PP) | S8,SS7,SS6 | 16F3-2546 | \$53.75 |
| IMPELLER SCREW (CPVC) | S12,S16 | 16FA02548 | \$84.65 |
| PUMP BODIES | | | |
| BODY (CPVC) | S1 | 16FA04604 | \$356.30 |
| BODY (PVDF) | S1 | 16F2-4604 | \$728.30 |
| BODY (PP) | S1 | 16F6-4604 | \$398.40 |
| END COVER (CPVC) | S1 | 16FA04605 | \$134.30 |
| END COVER (PVDF) | S1 | 16F2-4605 | \$160.30 |
| END COVER | S1 | 16F6-4605 | \$134.30 |
| RETAINER (CPVC) | S2,SS1,DD1 | 16FA04613 | \$48.35 |
| RETAINER (PVDF) | S2,SS1,DD1 | 16F2-4613 | \$96.45 |
| RETAINER (PP) | S2,SS1 | 16F3-4613 | \$53.75 |
| RETAINER | SS1,DD1 | 16F6-4613 | \$53.75 |
| END COVER (CPVC) | S2,SS1,DD1 | 16FA04615 | \$156.50 |
| END COVER (PVDF) | S2,SS1,DD1 | 16F2-4615 | \$208.45 |
| END COVER (PP) | S2,SS1 | 16F3-4615 | \$149.70 |
| END COVER | SS1,DD1 | 16F6-4615 | \$149.70 |
| RETAINER (CPVC) | S6,SS7,S8 | 16FA04623 | \$52.40 |
| RETAINER (PVDF) | S8,SS6, SS7 | 16F2-4623 | \$96.45 |
| RETAINER (PP) | S8,SS6,SS7 | 16F3-4623 | \$65.25 |
| END COVER (CPVC) | S8,SS6,SS7 | 16FA04625 | \$264.40 |
| END COVER (PVDF) | S8,SS6,SS7 | 16F2-4625 | \$444.45 |
| END COVER (PP) | S8,SS6,SS7 | 16F3-4625 | \$299.15 |
| RETAINER (CPVC) | S12 | 16FA04633 | \$65.25 |
| RETAINER (CPVC) | S4,S5 | 16FA04643 | \$42.45 |
| RETAINER (PVDF) | S4, S5 | 16F2-4643 | \$68.25 |
| RETAINER (PP) | S4, S5 | 16F3-4643 | \$50.15 |
| END COVER (CPVC) | S4, S5 | 16FA04645 | \$208.45 |
| END COVER (PVDF) | S4, S5 | 16F2-4645 | \$472.60 |
| END COVER (PP) | S4, S5 | 16F3-4645 | \$264.35 |
| BODY (CPVC) | S2 | 16FA84654 | \$500.45 |
| BODY (PVDF) | S2 | 16FA24654 | \$728.30 |
| BODY (PP) | S2 | 16FA34654 | \$520.60 |
| SHAFT ASSEMBLY | S4,S5,S8 | 4657 | \$593.55 |
| BODY (CPVC) | S8,SS6,SS7 | 16FA84664 | \$999.95 |
| BODY (PVDF) | S8,SS6,SS7 | 16FA24664 | \$1,421.30 |
| BODY (PP) | S8,SS6,SS7 | 16FA34664 | \$1,049.30 |
| SHAFT ASSEMBLY | S2 | 4677 | \$452.10 |
| PUMP BODY (CPVC) | S4,S5 | 16FA85084 | \$996.80 |
| BODY (PVDF) | S4,S5 | 16FA25084 | \$1,356.75 |
| BODY (PP) | S4,S5 | 16FA35084 | \$1,045.40 |
| END COVER (CPVC) | S12 | 5095 | \$758.10 |
| SUPPORT BRACKET | S12 | 16FA05098 | \$416.55 |
| BODY (CPVC) | S16 | 13RP05103 | \$2,397.25 |
| BODY ASSEMBLY (CPVC) | S16 | 16FA05104 | \$4,349.95 |
| END COVER (CPVC) | S16 | 16FA05105 | \$1,796.20 |
| SHAFT ASSEMBLY | S16 | 5107 | \$869.05 |
| SUPPORT BRACKET | S16 | 16FA05108 | \$452.10 |
| RETAINING RING (CPVC) | S16 | 16FA05109 | \$184.10 |
| BODY ASSEMBLY (CPVC) | S12 | 16FA05134 | \$3,121.15 |
| FLANGE ASSEMBLY (CPVC) | S12 | 16FA05135 | \$1,818.95 |
| BODY LESS FLANGE (CPVC) | S12 | 16FA05136 | \$1,398.10 |
| SHAFT | S12 | 5137 | \$796.55 |
| FLANGE ASSEMBLY (CPVC) | S16 | 13RP05145 | \$2,332.50 |

D & S SERIES PARTS (CONT.)

| DESCRIPTION | FOR MODEL NO. | PART NO. | LIST PRICE |
|-------------------------------|---------------|------------|------------|
| PUMP BODIES | | | |
| FLANGE ASSEMBLY (CPVC) | S16 | 13RP05565 | \$2,346.85 |
| MOUNTING BRACKET | S16 | 16FA05568 | \$551.55 |
| BODY (CPVC) | SS1 | 16FA06014 | \$497.95 |
| BODY (PVDF) | SS1 | 16F2-6014 | \$728.30 |
| BODY | SS1 | 16F6-6014 | \$574.70 |
| BODY (CPVC) | DD1 | 16FA06025 | \$497.95 |
| BODY (PVDF) | DD1 | 16F2-6025 | \$728.30 |
| BODY | DD1 | 16F6-6025 | \$574.50 |
| SEALS & HARDWARE | | | |
| O-RING | S2 | 16FV6-112 | \$30.90 |
| SHAFT O-RING | S4-S8 | 16FV6-314 | \$52.40 |
| O-RING | S12 | 16FV6-317 | \$84.65 |
| O-RING | S16 | 16FV6-322 | \$96.45 |
| O-RING | S1 | 16FV6-326 | \$69.20 |
| O-RING | S2 | 16FV6-330 | \$88.45 |
| O-RING | S4,S5 | 16FV6-335 | \$88.45 |
| O-RING | S8,SS6,SS7 | 16FV6-341 | \$120.60 |
| O-RING | S12 | 16FV6-432 | \$264.35 |
| O-RING | S16 | 16FV6-438 | \$344.95 |
| FUME SEAL (PTFE) (WAS F29-8) | S12 | U29-138 | \$192.45 |
| FUME SEAL (PTFE) (WAS F29-9) | S16 | U29-188 | \$184.10 |
| FUME SEAL (PTFE) (WAS F29-29) | SS1,S1 | U29-038 | \$19.50 |
| FUME SEAL (PTFE) | DD1,D1 | U29-050 | \$24.45 |
| FUME SEAL (PTFE) (WAS F29-11) | S2-S8,SS6,SS7 | U29-112 | \$48.35 |
| BOLT (REPLACES 4-162) | DD1 | U30-489SS | \$4.40 |
| SCREW (REPLACES 4-31) | S1 | U30-889SS | \$8.00 |
| SCREW (REPLACES 4.43) | S1-S8 | U30-893SS | \$11.85 |
| SCREW (REPLACES 4-103) | S5 | U30-896ZP1 | \$15.75 |
| SCREW (REPLACES 4-104) | S16,S12 | U30-897ZP1 | \$15.75 |
| SCREW (REPLACES 4-107) | S1 | U30-898ZP1 | \$11.85 |
| SCREW (REPLACES 4.43) | S1-S8 | U30-893SS | \$23.40 |
| SCREW (REPLACES 4-103) | S5 | U30-896ZP1 | \$11.85 |
| SCREW (REPLACES 4-104) | S16,S12 | U30-897ZP1 | \$11.85 |
| SCREW (REPLACES 4-107) | S1 | U30-898ZP1 | \$4.40 |
| SCREW (REPLACES 4-110) | S12,S16 | U30-902SS | \$11.85 |
| WASHER | D1,DD1 | U43-16SS | \$11.85 |
| WASHER | D1,DD4 | U43-43SS | \$11.30 |
| WASHER (REPLACES 1-21) | S2-S16 | U43-62SS | \$4.20 |
| WASHER | S1,SS1 | U43-123SS | \$11.30 |



BFA/BFAS BULKHEAD FITTING GASKETS

Gaskets shown below will fit the BF/BFA/BFAS Series. BF Series Bulkhead Fittings (DISCONTINUED) have separate sizes for 1-1/4" & 1-1/2" **ONLY**.

STANDARD FLANGE

| SIZE | FPM GASKETS | | EPDM GASKETS | |
|---------|-------------|------------|--------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | BFXAGST005F | \$22.60 | BFXAGST005E | \$5.60 |
| 3/4" | BFXAGST007F | \$24.40 | BFXAGST007E | \$5.60 |
| 1" | BFXAGST010F | \$28.15 | BFXAGST010E | \$7.30 |
| 1-1/4"* | BFXAGST015F | \$28.15 | BFXAGST015E | \$7.30 |
| 1-1/2"* | BFXAGST015F | \$28.15 | BFXAGST015E | \$7.30 |
| 2" | BFXAGST020F | \$61.65 | BFXAGST020E | \$13.75 |
| 3" | BFXAGST030F | \$80.30 | BFXAGST030E | \$17.15 |
| 4" | BFXAGST040F | \$289.20 | BFXAGST040E | \$61.25 |
| 6" | BFXAGST060F | \$307.60 | BFXAGST060E | \$65.25 |

* Fits BFA/BFAS Series **ONLY**.

LARGE FLANGE

| SIZE | FPM GASKETS | | EPDM GASKETS | |
|------|--------------|------------|--------------|------------|
| | PART NO. | LIST PRICE | PART NO. | LIST PRICE |
| 1/2" | BFXAGST005FL | \$24.65 | BFXAGST005EL | \$6.20 |
| 3/4" | BFXAGST007FL | \$26.50 | BFXAGST007EL | \$6.20 |
| 1" | BFXAGST010FL | \$30.65 | BFXAGST010EL | \$7.95 |



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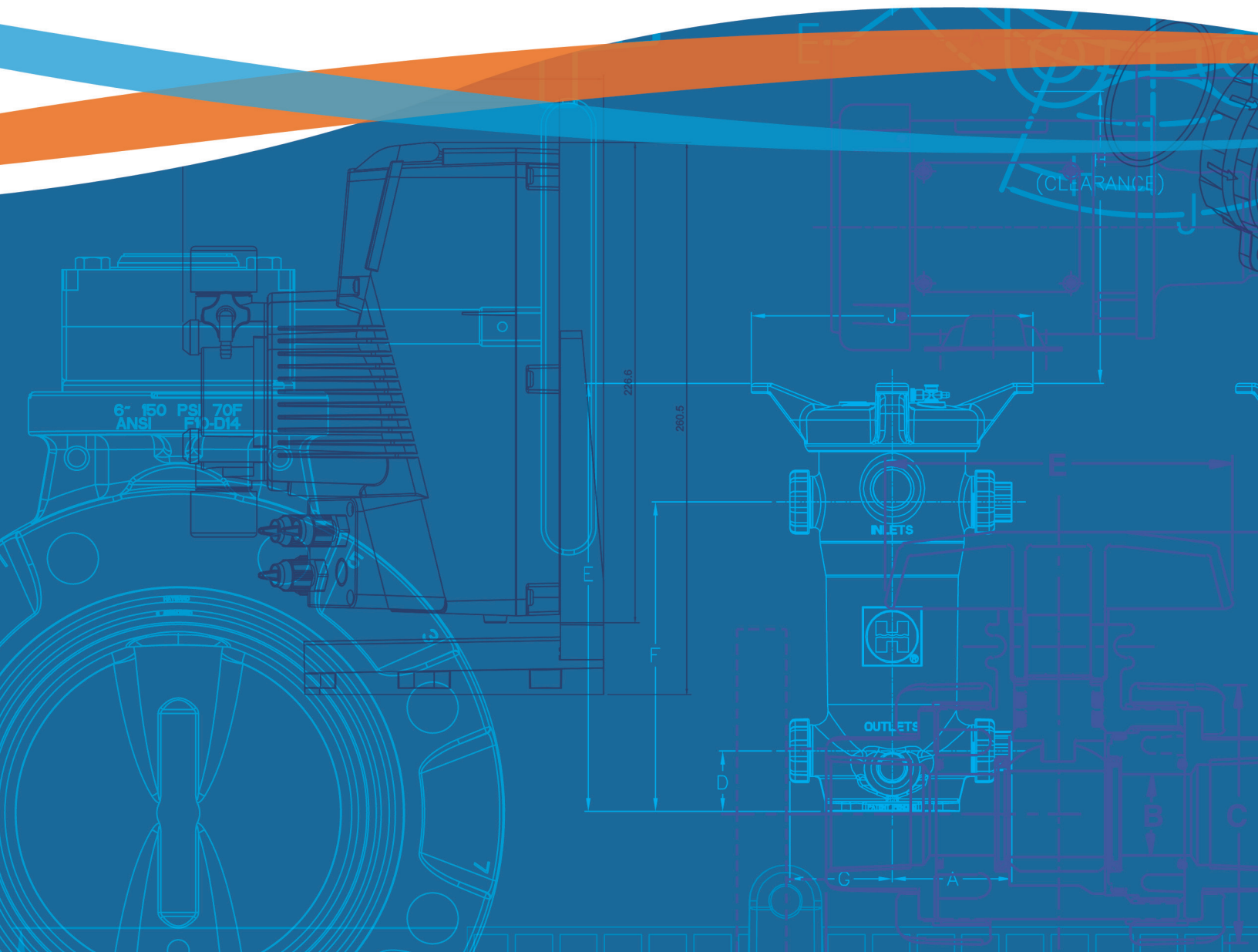


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1. **SHIPMENTS:** All shipments are F.O.B. Shipping Point. Unless specified, Hayward will use a carrier we believe best able to serve you. Hayward shall not be liable for failure to deliver or delays in delivering occasioned by acts of God, war, labor difficulties, inability to obtain materials or any other causes whatsoever beyond our control.
2. **CLAIMS:** All claims must be made in writing and received by Hayward within 10 days after receipt of merchandise. If a shipment is received in a damaged condition, a claim must be filed with the delivering carrier and noted on the freight bill before you accept the merchandise.
3. **THREE YEAR WARRANTY:** All products¹ manufactured by Hayward Flow Control are warranted against defects in material or workmanship for a period of three years from date of shipment². Our sole obligation under this warranty is to repair or replace, at our option, any product or any part or parts thereof found to be defective. **HAYWARD MAKES NO OTHER REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** The warranty set forth above is the only warranty applicable to Hayward products and in no event shall Hayward be liable for any delay, work stoppage, cartage, shipping, loss of use of equipment, loss of time, inconvenience, loss of profits of any direct or indirect incidental resulting from or attributable to a breach of warranty. **The remedies under this warranty shall be the only remedies available. OUR MAXIMUM LIABILITY SHALL NOT IN ANY EVENT EXCEED THE CONTRACT PRICE FOR THE PRODUCT.**
4. **RETURNS OF GOODS FOR NON-WARRANTY CLAIM:** Hayward Flow Control will authorize the return of products purchased within the last twelve (12) months in original "like new" packaging of current design, and listed in the current Complete Price Book. All returns must be accompanied by a "Return Goods Authorization" number, which must be obtained from Hayward Flow Control prior to shipment. All returns are subject to inspection upon receipt. No credit will be issued until the returned material has been inspected, accepted and processed. Customers will be contacted if quantity differences and/or non-acceptable material are found during inspection. Credit will reflect only quantities actually received and accepted. Disposition of product(s) not accepted by Hayward Flow Control must be provided by Distributor within 10 business days; otherwise, it will be subject to disposal. Minimum restock charge is \$100.00. All material returns must be received within thirty (30) days of the RGA issuance and shipped freight prepaid. No collect shipments will be accepted. Prepaid freight does not apply to returns due to Hayward Flow Control order entry or shipping errors. Hayward Flow Control will authorize the return of product considered a stock item with a minimum restock charge of 25%. Hayward Flow Control will authorize the return of standard Pump or Actuated product with a minimum restock charge of 40%. Specialty products such as Strainer or Filtration assemblies and Engineered Products are non-cancelable/non-returnable. Restock charges do not apply to returns due to Hayward Flow Control order entry or shipping errors.
5. **RETURNS OF GOODS FOR WARRANTY CLAIM:** When requesting an RGA for product evaluation, the Customer must first complete and submit an In Service Form obtained from Hayward Flow Control Technical Services. Additionally, a Safety Data Sheet (SDS) must be submitted along with the In Service Form to Technical Services prior to receiving a Return Goods Authorization number. All Warranty Claim returns must be accompanied by the SDS, In Service Form and RGA number. Product must be washed and free of service media prior to returning for evaluation. Failure to do so may result in denial of claim and product returned back freight collect. Customers will be contacted if quantity differences and/or non-acceptable material are found during inspection. The Customer will be notified of the evaluation results. If the Warranty Claim is accepted, credit will be issued or replacement product sent. Freight will be credited upon approval of claim. If the Warranty Claim is declined, disposition of product(s) must be provided to Technical Services within 30 business days; otherwise, it will be subject to disposal. Rejected product returned to the Customer will ship freight collect. All warranty claim returns must be received within thirty (30) days of the RGA issuance and shipped freight prepaid. No collect shipments will be accepted.
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7. **TERMS:** Net 30 days. A 1-1/2% per month service charge, subject to applicable law, will be applied to all past due invoices. You shall be liable for reasonable attorneys' fees incurred by us in collecting any past due invoices.
8. **TAX:** Any Federal or State Excise or Sales Tax for which we may be liable on any sale will be charged to and paid by the buyer. Buyer is responsible for furnishing tax exempt or resale certificate.
9. **FREIGHT ALLOWANCE:** Freight cost will be allowed on orders with a net billing of \$3,000.00 (US Dollars) or more, with our choice of carrier, in the continental United States with the exception of Alaska.
10. **MINIMUM BILLING CHARGE:** \$100.00 net.
11. **PRICING:** Pricing and specifications of products are subject to change without notice. All orders are subject to prior sale and credit approval.
12. **GENERAL:** Any sale shall be governed by the laws of the State of New Jersey USA (including, without limitation, the provisions of the Uniform Commercial Code as adopted by North Carolina), without recourse to the conflict of laws provision thereof. Any representation, promise, modification or amendment of these Terms and Conditions of Sale shall not be binding upon us unless in writing and signed on our behalf by a duly authorized representative. The foregoing terms and conditions shall prevail not withstanding any variance with the terms and conditions of any order submitted by you, unless Hayward expressly consents in writing to such a variance. The terms and conditions are non-transferable to other parties.

¹ Warranty information for products manufactured by Hayward Pool can be found in product manual or visit hayward-pool.com.

² All industrial products manufactured by Hayward Flow Control are warranted against defects in material or workmanship for a period of three years from date of shipment excluding some instrumentation products and pulsation dampeners. Warranty information for instrumentation products and pulsation dampeners can be found in product manual.



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