



Check Valves



PRODUCT

Contact Spears® for any Information not found.



Valves Product

True Union 2000 Industrial Ball Check Valves

True Union 2000 Industrial Ball Check Valves

Pressure Rating @ 73°F (23°C),
Water

1/2" - 4" 235 psi

6" - 8" 150 psi

All Flanged 150 psi

Maximum Service Temperature

PVC = 140°F (60°C)

CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

Rated for Vacuum Service

General Installation Information:

Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.



Socket Style

All Valves assembled with Silicone-Free, Water Soluble Lubricant. Contact Spears® for MSRP & Availability on Custom Elastomer Seals. See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

PVC Industrial

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Socket & Threaded Ends

| | | | | | |
|-------|--------------------|--------------------|---|----|-----|
| 1/2 | 4529-005 65.74 | 4539-005 74.08 | 1 | 18 | 604 |
| 3/4 | 4529-007 78.38 | 4539-007 82.73 | 1 | 18 | 604 |
| 1 | 4529-010 93.23 | 4539-010 103.92 | 1 | 18 | 604 |
| 1-1/4 | 4529-012 136.14 | 4539-012 152.79 | 1 | 12 | 604 |
| 1-1/2 | 4529-015 156.36 | 4539-015 173.53 | 1 | 8 | 604 |
| 2 | 4529-020 213.46 | 4539-020 237.36 | 1 | 8 | 604 |

Socket Ends

| | | | | | |
|-------|---------------------|---------------------|---|---|-----|
| 2-1/2 | 4522-025 517.53 | 4532-025 551.19 | 1 | 0 | 605 |
| 3 | 4522-030 658.61 | 4532-030 738.27 | 1 | 0 | 605 |
| 4 | 4522-040 970.79 | 4532-040 1022.79 | 1 | 0 | 605 |
| 6 | 4522-060 1909.02 | 4532-060 2115.72 | 1 | 0 | 558 |
| 8 | 4522-080 2544.09 | 4532-080 2820.12 | 1 | 0 | 558 |

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

Threaded Ends

| | | | | | |
|-------|--------------------|---------------------|---|---|-----|
| 2-1/2 | 4521-025 517.53 | 4531-025 551.19 | 1 | 0 | 605 |
| 3 | 4521-030 662.85 | 4531-030 743.51 | 1 | 0 | 605 |
| 4 | 4521-040 970.79 | 4531-040 1022.79 | 1 | 0 | 605 |

PVC Industrial (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Threaded Ends

| | | | | | |
|---|---------------------|---------------------|---|---|-----|
| 6 | 4521-060 1909.02 | 4531-060 2115.72 | 1 | 0 | 558 |
|---|---------------------|---------------------|---|---|-----|

SR Threaded Ends

| | | | | | |
|-------|-----------------------|-----------------------|---|----|-----|
| 1/2 | 4521-005SR 67.08 | 4531-005SR 75.39 | 1 | 18 | 604 |
| 3/4 | 4521-007SR 81.57 | 4531-007SR 85.92 | 1 | 18 | 604 |
| 1 | 4521-010SR 96.38 | 4531-010SR 107.09 | 1 | 18 | 604 |
| 1-1/4 | 4521-012SR 142.46 | 4531-012SR 159.08 | 1 | 12 | 604 |
| 1-1/2 | 4521-015SR 166.55 | 4531-015SR 183.72 | 1 | 8 | 604 |
| 2 | 4521-020SR 224.48 | 4531-020SR 248.40 | 1 | 8 | 604 |
| 2-1/2 | 4521-025SR 545.73 | 4531-025SR 579.42 | 1 | 0 | 605 |
| 3 | 4521-030SR 676.64 | 4531-030SR 579.42 | 1 | 0 | 605 |
| 4 | 4521-040SR 1003.71 | 4531-040SR 1055.74 | 1 | 0 | 605 |
| 6 | 4521-060SR 1963.52 | 4531-060SR 2172.05 | 1 | 0 | 558 |

Spigot Ends

| | | | | | |
|-------|---------------------|---------------------|---|----|-----|
| 1/2 | 4527-005 65.74 | 4537-005 74.08 | 1 | 18 | 604 |
| 3/4 | 4527-007 78.38 | 4537-007 82.73 | 1 | 18 | 604 |
| 1 | 4527-010 93.23 | 4537-010 103.92 | 1 | 12 | 604 |
| 1-1/4 | 4527-012 136.14 | 4537-012 152.79 | 1 | 12 | 604 |
| 1-1/2 | 4527-015 156.36 | 4537-015 173.53 | 1 | 8 | 604 |
| 2 | 4527-020 213.46 | 4537-020 237.36 | 1 | 8 | 604 |
| 2-1/2 | 4527-025 517.53 | 4537-025 551.19 | 1 | 0 | 605 |
| 3 | 4527-030 586.01 | 4537-030 739.92 | 1 | 0 | 605 |
| 4 | 4527-040 970.79 | 4537-040 1022.79 | 1 | 0 | 605 |
| 6 | 4527-060 1909.02 | 4537-060 2115.72 | 1 | 0 | 558 |

Flanged Ends

| | | | | | |
|-------|--------------------|--------------------|---|---|-----|
| 1/2 | 4523-005 92.67 | 4533-005 116.33 | 1 | 8 | 604 |
| 3/4 | 4523-007 112.09 | 4533-007 139.49 | 5 | 0 | 604 |
| 1 | 4523-010 132.86 | 4533-010 162.32 | 1 | 8 | 604 |
| 1-1/4 | 4523-012 164.31 | 4533-012 212.42 | 2 | 0 | 604 |
| 1-1/2 | 4523-015 226.74 | 4533-015 246.43 | 3 | 0 | 604 |
| 2 | 4523-020 320.01 | 4533-020 327.59 | 2 | 0 | 604 |

Valves Product
True Union 2000 Industrial Ball Check Valves



True Union 2000 Industrial Ball Check Valves

PVC Industrial (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|---------------------|---------------------|---------------------|--------|---------|-----------|
| Flanged Ends | | | | | |
| 2-1/2 | 4523-025 662.93 | 4533-025 772.00 | 1 | 0 | 605 |
| 3 | 4523-030 927.33 | 4533-030 1078.33 | 1 | 0 | 605 |
| 4 | 4523-040 1255.21 | 4533-040 1456.97 | 1 | 0 | 605 |
| 6 | 4523-060 3006.35 | 4533-060 3487.36 | 1 | 0 | 558 |
| 8 | 4523-080 3904.34 | 4533-080 4538.41 | 1 | 0 | 558 |

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

CPVC Industrial

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-----------------------------------|---------------------|---------------------|--------|---------|-----------|
| Socket & Threaded Ends | | | | | |
| 1/2 | 4529-005C 97.17 | 4539-005C 108.17 | 1 | 18 | 606 |
| 3/4 | 4529-007C 116.29 | 4539-007C 129.24 | 1 | 18 | 606 |
| 1 | 4529-010C 137.22 | 4539-010C 152.45 | 1 | 18 | 606 |
| 1-1/4 | 4529-012C 236.34 | 4539-012C 262.36 | 1 | 12 | 606 |
| 1-1/2 | 4529-015C 236.34 | 4539-015C 262.36 | 1 | 8 | 606 |
| 2 | 4529-020C 315.66 | 4539-020C 351.73 | 1 | 8 | 606 |

Socket Ends

| | | | | | |
|-------|----------------------|----------------------|---|---|-----|
| 2-1/2 | 4522-025C 661.48 | 4532-025C 734.95 | 1 | 0 | 607 |
| 3 | 4522-030C 878.81 | 4532-030C 957.18 | 1 | 0 | 607 |
| 4 | 4522-040C 1451.57 | 4532-040C 1613.87 | 1 | 0 | 607 |
| 6 | 4522-060C 2996.93 | 4532-060C 3329.49 | 1 | 0 | 559 |
| 8 | 4522-080C 3525.82 | 4532-080C 4438.09 | 1 | 0 | 559 |

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

Threaded Ends

| | | | | | |
|-------|----------------------|----------------------|---|---|-----|
| 2-1/2 | 4521-025C 661.48 | 4531-025C 734.95 | 1 | 0 | 607 |
| 3 | 4521-030C 876.20 | 4531-030C 981.81 | 1 | 0 | 607 |
| 4 | 4521-040C 1451.57 | 4531-040C 1613.87 | 1 | 0 | 607 |
| 6 | 4521-060C 2996.93 | 4531-060C 3329.49 | 1 | 0 | 559 |

SR Threaded Ends

| | | | | | |
|-----|----------------------|-----------------------|---|----|-----|
| 1/2 | 4521-005CSR 98.46 | 4531-005CSR 109.48 | 1 | 18 | 606 |
|-----|----------------------|-----------------------|---|----|-----|

CPVC Industrial (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------------------------|------------------------|------------------------|--------|---------|-----------|
| SR Threaded Ends | | | | | |
| 3/4 | 4521-007CSR 119.48 | 4531-007CSR 132.39 | 1 | 18 | 606 |
| 1 | 4521-010CSR 140.37 | 4531-010CSR 155.62 | 1 | 18 | 606 |
| 1-1/4 | 4521-012CSR 242.64 | 4531-012CSR 272.56 | 1 | 12 | 606 |
| 1-1/2 | 4521-015CSR 242.64 | 4531-015CSR 272.56 | 1 | 8 | 606 |
| 2 | 4521-020CSR 326.71 | 4531-020CSR 362.76 | 1 | 8 | 606 |
| 2-1/2 | 4521-025CSR 690.06 | 4531-025CSR 763.17 | 1 | 0 | 607 |
| 3 | 4521-030CSR 690.06 | 4531-030CSR 1028.42 | 1 | 0 | 607 |
| 4 | 4521-040CSR 1484.48 | 4531-040CSR 1646.81 | 1 | 0 | 607 |
| 6 | 4521-060CSR 3077.74 | 4531-060CSR 3410.32 | 1 | 0 | 559 |

Spigot Ends

| | | | | | |
|-------|----------------------|----------------------|---|----|-----|
| 1/2 | 4527-005C 97.17 | 4537-005C 108.17 | 1 | 18 | 606 |
| 3/4 | 4527-007C 116.29 | 4537-007C 129.24 | 1 | 18 | 606 |
| 1 | 4527-010C 137.22 | 4537-010C 152.45 | 1 | 12 | 606 |
| 1-1/4 | 4527-012C 236.34 | 4537-012C 262.36 | 1 | 12 | 606 |
| 1-1/2 | 4527-015C 268.37 | 4537-015C 262.36 | 1 | 8 | 606 |
| 2 | 4527-020C 315.66 | 4537-020C 351.73 | 1 | 8 | 606 |
| 2-1/2 | 4527-025C 661.48 | 4537-025C 734.95 | 1 | 0 | 607 |
| 3 | 4527-030C 859.60 | 4537-030C 951.71 | 1 | 0 | 607 |
| 4 | 4527-040C 1451.57 | 4537-040C 1613.87 | 1 | 0 | 607 |
| 6 | 4527-060C 2996.93 | 4537-060C 3329.49 | 1 | 0 | 559 |

Flanged Ends

| | | | | | |
|-------|----------------------|----------------------|---|---|-----|
| 1/2 | 4523-005C 120.64 | 4533-005C 150.76 | 1 | 8 | 606 |
| 3/4 | 4523-007C 143.95 | 4533-007C 182.20 | 1 | 8 | 606 |
| 1 | 4523-010C 171.87 | 4533-010C 211.88 | 1 | 8 | 606 |
| 1-1/4 | 4523-012C 289.89 | 4533-012C 359.45 | 1 | 8 | 606 |
| 1-1/2 | 4523-015C 309.72 | 4533-015C 387.00 | 1 | 4 | 606 |
| 2 | 4523-020C 547.62 | 4533-020C 587.11 | 1 | 0 | 606 |
| 2-1/2 | 4523-025C 992.17 | 4533-025C 1073.41 | 1 | 0 | 607 |
| 3 | 4523-030C 1107.84 | 4533-030C 1215.38 | 1 | 0 | 607 |



Valves Product

True Union 2000 Industrial Ball Check Valves & True Union Ball Check Valves (Regular Style)

True Union 2000 Industrial Ball Check Valves

CPVC Industrial (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Flanged Ends

| | | | | | |
|---|----------------------|----------------------|---|---|-----|
| 4 | 4523-040C 1832.88 | 4533-040C 1968.18 | 1 | 0 | 607 |
| 6 | 4523-060C 4887.18 | 4533-060C 5080.72 | 1 | 0 | 559 |
| 8 | 4523-080C 5625.61 | 4533-080C 6121.32 | 1 | 0 | 559 |

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

True Union Ball Check Valves (Regular Style)



Socket/Threaded Style

Pressure Rating @ 73°F (23°C), Water

1/2" - 2" 235 psi
2-1/2" - 6" 150 psi
Flanged 150 psi

Maximum Service Temperature

PVC = 140°F (60°C)
CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply
Rated for Vacuum Service

General Installation Information:

Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

All Valves assembled with Silicone-Free, Water Soluble Lubricant

6" Venturied Valves are 4" Ball Check Valves equipped with 4x6 End Connectors.

PVC

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Socket & Threaded Ends

| | | | | | |
|-------|--------------------|--------------------|---|----|-----|
| 1/2 | 2229-005 71.94 | 2239-005 81.05 | 1 | 18 | 220 |
| 3/4 | 2229-007 85.76 | 2239-007 90.54 | 1 | 12 | 220 |
| 1 | 2229-010 101.98 | 2239-010 113.69 | 1 | 8 | 220 |
| 1-1/4 | 2229-012 148.96 | 2239-012 167.16 | 1 | 8 | 220 |
| 1-1/2 | 2229-015 171.07 | 2239-015 189.86 | 1 | 8 | 220 |
| 2 | 2229-020 233.55 | 2239-020 259.71 | 1 | 4 | 220 |

Socket Ends

| | | | | | |
|-------|---------------------|---------------------|---|---|-----|
| 2-1/2 | 2222-025 566.22 | 2232-025 603.04 | 1 | 0 | 220 |
| 3 | 2222-030 684.02 | 2232-030 794.85 | 1 | 0 | 220 |
| 4 | 2222-040 1062.14 | 2232-040 1119.07 | 1 | 0 | 220 |

Socket Venturied Ends

| | | | | | |
|-------------|---------------------|---------------------|---|---|-----|
| 6 VENTURIED | 2222-060 1434.94 | 2232-060 1625.39 | 1 | 0 | 221 |
|-------------|---------------------|---------------------|---|---|-----|

Threaded Ends

| | | | | | |
|-------|---------------------|---------------------|---|---|-----|
| 2-1/2 | 2221-025 566.22 | 2231-025 603.04 | 1 | 0 | 220 |
| 3 | 2221-030 684.02 | 2231-030 794.85 | 1 | 0 | 220 |
| 4 | 2221-040 1062.14 | 2231-040 1119.07 | 1 | 0 | 220 |

Flanged Ends

| | | | | | |
|-------|---------------------|---------------------|---|---|-----|
| 1/2 | 2223-005 101.42 | 2233-005 127.29 | 6 | 0 | 220 |
| 3/4 | 2223-007 122.64 | 2233-007 152.62 | 5 | 0 | 220 |
| 1 | 2223-010 145.36 | 2233-010 177.60 | 5 | 0 | 220 |
| 1-1/4 | 2223-012 179.79 | 2233-012 232.41 | 2 | 0 | 220 |
| 1-1/2 | 2223-015 248.05 | 2233-015 269.65 | 3 | 0 | 220 |
| 2 | 2223-020 350.13 | 2233-020 358.44 | 2 | 0 | 220 |
| 2-1/2 | 2223-025 725.32 | 2233-025 844.67 | 1 | 0 | 220 |
| 3 | 2223-030 1014.58 | 2233-030 1179.81 | 1 | 0 | 220 |
| 4 | 2223-040 1373.35 | 2233-040 1594.08 | 1 | 0 | 220 |

Flanged Venturied Ends

| | | | | | |
|-------------|---------------------|---------------------|---|---|-----|
| 6 VENTURIED | 2223-060 1718.75 | 2233-060 1917.66 | 1 | 0 | 221 |
|-------------|---------------------|---------------------|---|---|-----|

True Union Ball Check Valves (Regular Style) & Foot Valve Screens



True Union Ball Check Valves (Regular Style)

CPVC

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Socket & Threaded Ends

| | | | | | |
|-------|---------------------|---------------------|---|----|-----|
| 1/2 | 2229-005C 106.32 | 2239-005C 118.35 | 1 | 18 | 222 |
| 3/4 | 2229-007C 127.25 | 2239-007C 141.41 | 1 | 12 | 222 |
| 1 | 2229-010C 150.16 | 2239-010C 166.81 | 1 | 8 | 222 |
| 1-1/4 | 2229-012C 258.57 | 2239-012C 287.06 | 1 | 8 | 222 |
| 1-1/2 | 2229-015C 312.67 | 2239-015C 330.51 | 1 | 8 | 222 |
| 2 | 2229-020C 346.25 | 2239-020C 384.84 | 1 | 4 | 222 |

Socket Ends

| | | | | | |
|-------|----------------------|----------------------|---|---|-----|
| 2-1/2 | 2222-025C 723.75 | 2232-025C 804.14 | 1 | 0 | 222 |
| 3 | 2222-030C 1178.86 | 2232-030C 1290.05 | 1 | 0 | 222 |
| 4 | 2222-040C 1588.19 | 2232-040C 1765.77 | 1 | 0 | 222 |

Socket Venturied Ends

| | | | | | |
|-------------|----------------------|----------------------|---|---|-----|
| 6 VENTURIED | 2222-060C 2048.77 | 2232-060C 2295.45 | 1 | 0 | 223 |
|-------------|----------------------|----------------------|---|---|-----|

Threaded Ends

| | | | | | |
|-------|----------------------|----------------------|---|---|-----|
| 2-1/2 | 2221-025C 723.75 | 2231-025C 804.14 | 1 | 0 | 222 |
| 3 | 2221-030C 1178.86 | 2231-030C 1290.05 | 1 | 0 | 222 |
| 4 | 2221-040C 1588.19 | 2231-040C 1765.77 | 1 | 0 | 222 |

Flanged Ends

| | | | | | |
|-------|----------------------|----------------------|---|---|-----|
| 1/2 | 2223-005C 132.01 | 2233-005C 164.94 | 6 | 0 | 222 |
| 3/4 | 2223-007C 157.48 | 2233-007C 199.38 | 5 | 0 | 222 |
| 1 | 2223-010C 188.04 | 2233-010C 231.82 | 5 | 0 | 222 |
| 1-1/4 | 2223-012C 317.19 | 2233-012C 393.28 | 2 | 0 | 222 |
| 1-1/2 | 2223-015C 338.86 | 2233-015C 423.42 | 3 | 0 | 222 |
| 2 | 2223-020C 599.15 | 2233-020C 642.37 | 2 | 0 | 222 |
| 2-1/2 | 2223-025C 953.36 | 2233-025C 1085.55 | 1 | 0 | 222 |
| 3 | 2223-030C 1212.14 | 2233-030C 1329.78 | 1 | 0 | 222 |
| 4 | 2223-040C 2005.39 | 2233-040C 2153.42 | 1 | 0 | 222 |

Flanged Venturied Ends

CPVC (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Flanged Venturied Ends

| | | | | | |
|-------------|----------------------|----------------------|---|---|-----|
| 6 VENTURIED | 2223-060C 2417.55 | 2233-060C 2616.85 | 1 | 0 | 223 |
|-------------|----------------------|----------------------|---|---|-----|

Foot Valve Screens

Convert Check Valve to Foot Valve using adapter - Fits all Socket Ball Check Valves or any IPS fitting socket or thread

Standard Foot Valve Screen



PVC/CPVC Spigot

Compact Foot Valve Screen



PVC Gray Spigot Or Threaded

Compact Foot Valve Screens



PE Black Threaded Only

Foot Valve Screens - PVC

| Size | PVC | CPVC | Std Pk | Mstr Pk | Prod Code |
|------|-----|------|--------|---------|-----------|
|------|-----|------|--------|---------|-----------|

Spigot

| | | | | | |
|-------|-------------------|--------------------|----|----|-----|
| 1/2 | FVS-005 53.08 | FVS-005C 73.31 | 10 | 60 | 299 |
| 3/4 | FVS-007 63.02 | FVS-007C 79.08 | 10 | 60 | 299 |
| 1 | FVS-010 76.66 | FVS-010C 89.77 | 10 | 40 | 299 |
| 1-1/4 | FVS-012 111.59 | FVS-012C 138.65 | 5 | 30 | 299 |
| 1-1/2 | FVS-015 117.54 | FVS-015C 143.97 | 5 | 0 | 299 |
| 2 | FVS-020 132.66 | FVS-020C 158.93 | 5 | 0 | 299 |
| 2-1/2 | FVS-025 182.47 | FVS-025C 231.56 | 5 | 0 | 299 |
| 3 | FVS-030 187.71 | FVS-030C 257.86 | 5 | 0 | 299 |
| 4 | FVS-040 222.08 | FVS-040C 368.55 | 5 | 0 | 299 |
| 6 | FVS-060 300.75 | FVS-060C 526.64 | 5 | 0 | 299 |

PVC Compact Foot Valve Screen

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

Spigot

| | | | | | |
|-----------|-------|----|-----|-----|-------|
| CFVS7-005 | 1/2 | 50 | 300 | 299 | 3.27 |
| CFVS7-007 | 3/4 | 25 | 150 | 299 | 3.73 |
| CFVS7-010 | 1 | 25 | 150 | 299 | 4.41 |
| CFVS7-012 | 1-1/4 | 50 | 0 | 299 | 5.61 |
| CFVS7-015 | 1-1/2 | 25 | 0 | 299 | 9.40 |
| CFVS7-020 | 2 | 25 | 0 | 299 | 10.69 |



Foot Valve Screens & Y-Check Valves

Foot Valve Screens

PVC Compact Foot Valve Screen

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-----------------|-------|--------|----------|-----------|-------|
| Threaded | | | | | |
| CFVS1-005 | 1/2 | 50 | 300 | 299 | 3.27 |
| CFVS1-007 | 3/4 | 25 | 150 | 299 | 3.73 |
| CFVS1-010 | 1 | 20 | 120 | 299 | 4.41 |
| CFVS1-012 | 1-1/4 | 50 | 0 | 299 | 5.61 |
| CFVS1-015 | 1-1/2 | 25 | 0 | 299 | 9.40 |
| CFVS1-020 | 2 | 25 | 0 | 299 | 10.69 |

HDPE Black Compact Foot Valve Screen

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-----------------|-------|--------|----------|-----------|-------|
| Threaded | | | | | |
| CFVS1-005P | 1/2 | 50 | 300 | 299 | 3.92 |
| CFVS1-007P | 3/4 | 25 | 150 | 299 | 4.69 |
| CFVS1-010P | 1 | 20 | 120 | 299 | 5.39 |
| CFVS1-012P | 1-1/4 | 50 | 0 | 299 | 6.19 |
| CFVS1-015P | 1-1/2 | 25 | 0 | 299 | 10.55 |
| CFVS1-020P | 2 | 25 | 0 | 299 | 11.82 |

Y-Check Valves



PVC Clear — Socket Style



Flanged Style

Pressure Rating @ 73°F (23°C), Water
 1/2" - 2" 150 psi
 3" - 4" 90 psi

Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

PVC - Socket Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|--------------------|--------|---------|-----------|
| 1/2 | 1622-005 103.35 | 1632-005 114.61 | 1 | 18 | 627 |
| 3/4 | 1622-007 110.86 | 1632-007 124.03 | 1 | 18 | 627 |
| 1 | 1622-010 122.14 | 1632-010 135.27 | 1 | 12 | 627 |
| 1-1/4 | 1622-012 191.65 | 1632-012 212.34 | 1 | 8 | 627 |
| 1-1/2 | 1622-015 208.56 | 1632-015 231.12 | 1 | 8 | 627 |

PVC - Socket Ends (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|--------------------|--------------------|--------|---------|-----------|
| 2 | 1622-020 259.31 | 1632-020 287.49 | 1 | 4 | 627 |
| 3 | 1622-030 512.97 | 1632-030 569.32 | 1 | 0 | 627 |
| 4 | 1622-040 894.39 | 1632-040 993.98 | 1 | 0 | 627 |

PVC - SR Threaded Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|----------------------|-----------------------|--------|---------|-----------|
| 1/2 | 1621-005SR 107.11 | 1631-005SR 118.39 | 1 | 18 | 627 |
| 3/4 | 1621-007SR 116.48 | 1631-007SR 129.65 | 1 | 12 | 627 |
| 1 | 1621-010SR 129.65 | 1631-010SR 142.79 | 1 | 8 | 627 |
| 1-1/4 | 1621-012SR 202.93 | 1631-012SR 223.60 | 1 | 8 | 627 |
| 1-1/2 | 1621-015SR 225.47 | 1631-015SR 248.02 | 1 | 4 | 627 |
| 2 | 1621-020SR 278.08 | 1631-020SR 306.27 | 1 | 0 | 627 |
| 3 | 1621-030SR 563.72 | 1631-030SR 620.05 | 1 | 0 | 627 |
| 4 | 1621-040SR 947.00 | 1631-040SR 1046.58 | 1 | 0 | 627 |

PVC - Flanged Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|---------------------|---------------------|--------|---------|-----------|
| 1/2 | 1623-005 135.27 | 1633-005 150.33 | 1 | 8 | 627 |
| 3/4 | 1623-007 148.43 | 1633-007 165.35 | 1 | 4 | 627 |
| 1 | 1623-010 173.76 | 1633-010 199.17 | 1 | 8 | 627 |
| 1-1/4 | 1623-012 276.20 | 1633-012 306.27 | 1 | 4 | 627 |
| 1-1/2 | 1623-015 293.14 | 1633-015 325.05 | 1 | 4 | 627 |
| 2 | 1623-020 392.69 | 1633-020 435.91 | 1 | 0 | 627 |
| 3 | 1623-030 768.48 | 1633-030 853.04 | 1 | 0 | 627 |
| 4 | 1623-040 1226.96 | 1633-040 1362.25 | 1 | 0 | 627 |

PVC Clear - Socket Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|----------------------|----------------------|--------|---------|-----------|
| 1/2 | 1622-005CL 103.35 | 1632-005CL 114.61 | 1 | 18 | 628 |
| 3/4 | 1622-007CL 110.86 | 1632-007CL 124.03 | 1 | 18 | 628 |
| 1 | 1622-010CL 122.14 | 1632-010CL 135.27 | 1 | 12 | 628 |
| 1-1/4 | 1622-012CL 191.65 | 1632-012CL 212.34 | 1 | 8 | 628 |
| 1-1/2 | 1622-015CL 208.56 | 1632-015CL 231.12 | 1 | 8 | 628 |

Valves Product
Y-Check Valves



Y-Check Valves

PVC Clear - Socket Ends (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|----------------------|----------------------|--------|---------|-----------|
| 2 | 1622-020CL 259.31 | 1632-020CL 287.49 | 1 | 4 | 628 |
| 3 | 1622-030CL 512.97 | 1632-030CL 569.32 | 1 | 0 | 628 |
| 4 | 1622-040CL 894.39 | 1632-040CL 993.98 | 1 | 0 | 628 |

PVC Clear - SR Threaded Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|------------------------|-------------------------|--------|---------|-----------|
| 1/2 | 1621-005CLSR 107.11 | 1631-005CLSR 118.39 | 1 | 18 | 628 |
| 3/4 | 1621-007CLSR 116.48 | 1631-007CLSR 129.65 | 1 | 12 | 628 |
| 1 | 1621-010CLSR 129.65 | 1631-010CLSR 142.79 | 1 | 8 | 628 |
| 1-1/4 | 1621-012CLSR 202.93 | 1631-012CLSR 223.60 | 1 | 8 | 628 |
| 1-1/2 | 1621-015CLSR 225.47 | 1631-015CLSR 248.02 | 1 | 4 | 628 |
| 2 | 1621-020CLSR 278.08 | 1631-020CLSR 306.27 | 1 | 0 | 628 |
| 3 | 1621-030CLSR 563.72 | 1631-030CLSR 620.05 | 1 | 0 | 628 |
| 4 | 1621-040CLSR 947.00 | 1631-040CLSR 1046.58 | 1 | 0 | 628 |

PVC Clear - Flanged Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|-----------------------|-----------------------|--------|---------|-----------|
| 1/2 | 1623-005CL 135.27 | 1633-005CL 150.33 | 1 | 8 | 628 |
| 3/4 | 1623-007CL 148.43 | 1633-007CL 165.35 | 1 | 8 | 628 |
| 1 | 1623-010CL 178.49 | 1633-010CL 199.17 | 1 | 8 | 628 |
| 1-1/4 | 1623-012CL 276.20 | 1633-012CL 306.27 | 1 | 4 | 628 |
| 1-1/2 | 1623-015CL 293.14 | 1633-015CL 325.05 | 1 | 4 | 628 |
| 2 | 1623-020CL 392.69 | 1633-020CL 435.91 | 1 | 0 | 628 |
| 3 | 1623-030CL 768.48 | 1633-030CL 853.04 | 1 | 0 | 628 |
| 4 | 1623-040CL 1226.96 | 1633-040CL 1362.25 | 1 | 0 | 628 |

CPVC - Socket Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|---------------------|---------------------|--------|---------|-----------|
| 1/2 | 1622-005C 148.43 | 1632-005C 163.46 | 1 | 18 | 629 |
| 3/4 | 1622-007C 159.73 | 1632-007C 176.62 | 1 | 18 | 629 |
| 1 | 1622-010C 174.75 | 1632-010C 193.53 | 1 | 12 | 629 |
| 1-1/4 | 1622-012C 274.33 | 1632-012C 304.40 | 1 | 8 | 629 |

CPVC - Socket Ends (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|----------------------|----------------------|--------|---------|-----------|
| 1-1/2 | 1622-015C 298.76 | 1632-015C 330.69 | 1 | 8 | 629 |
| 2 | 1622-020C 370.15 | 1632-020C 411.48 | 1 | 4 | 629 |
| 3 | 1622-030C 1059.34 | 1632-030C 1185.33 | 1 | 0 | 629 |
| 4 | 1622-040C 1277.66 | 1632-040C 1420.47 | 1 | 0 | 629 |

CPVC - SR Threaded Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|------------------------|------------------------|--------|---------|-----------|
| 1/2 | 1621-005CSR 152.19 | 1631-005CSR 169.09 | 1 | 18 | 629 |
| 3/4 | 1621-007CSR 165.35 | 1631-007CSR 184.15 | 1 | 12 | 629 |
| 1 | 1621-010CSR 184.15 | 1631-010CSR 202.93 | 1 | 8 | 629 |
| 1-1/4 | 1621-012CSR 289.36 | 1631-012CSR 317.54 | 1 | 8 | 629 |
| 1-1/2 | 1621-015CSR 323.17 | 1631-015CSR 355.14 | 1 | 4 | 629 |
| 2 | 1621-020CSR 396.45 | 1631-020CSR 437.82 | 1 | 0 | 629 |
| 3 | 1621-030CSR 806.07 | 1631-030CSR 886.87 | 1 | 0 | 629 |
| 4 | 1621-040CSR 1350.96 | 1631-040CSR 1493.78 | 1 | 0 | 629 |

CPVC - Flanged Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|----------------------|----------------------|--------|---------|-----------|
| 1/2 | 1623-005C 193.53 | 1633-005C 199.21 | 1 | 8 | 629 |
| 3/4 | 1623-007C 212.34 | 1633-007C 236.75 | 1 | 8 | 629 |
| 1 | 1623-010C 255.56 | 1633-010C 284.48 | 1 | 8 | 629 |
| 1-1/4 | 1623-012C 394.59 | 1633-012C 437.82 | 1 | 4 | 629 |
| 1-1/2 | 1623-015C 417.11 | 1633-015C 464.09 | 1 | 4 | 629 |
| 2 | 1623-020C 559.93 | 1633-020C 621.92 | 1 | 0 | 629 |
| 3 | 1623-030C 1097.32 | 1633-030C 1219.44 | 1 | 0 | 629 |
| 4 | 1623-040C 1751.18 | 1633-040C 1946.60 | 1 | 0 | 629 |

PVC - True Union Socket Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|--------------------|--------|---------|-----------|
| 1/2 | 162A-005 112.75 | 163A-005 124.03 | 1 | 12 | 627 |
| 3/4 | 162A-007 120.24 | 163A-007 135.27 | 1 | 8 | 627 |
| 1 | 162A-010 133.41 | 163A-010 146.54 | 1 | 8 | 627 |
| 1-1/4 | 162A-012 208.56 | 163A-012 231.12 | 1 | 4 | 627 |



Valves Product
Y-Check Valves

Y-Check Valves

PVC - True Union Socket Ends (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|---------------------|--------|---------|-----------|
| 1-1/2 | 162A-015 227.36 | 163A-015 251.79 | 1 | 0 | 627 |
| 2 | 162A-020 281.84 | 163A-020 311.88 | 2 | 0 | 627 |
| 3 | 162A-030 558.04 | 163A-030 608.79 | 1 | 0 | 627 |
| 4 | 162A-040 973.31 | 163A-040 1080.41 | 1 | 0 | 627 |

PVC - True Union Threaded Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|---------------------|--------|---------|-----------|
| 1/2 | 162B-005 112.75 | 163B-005 124.03 | 1 | 12 | 627 |
| 3/4 | 162B-007 120.24 | 163B-007 135.27 | 1 | 8 | 627 |
| 1 | 162B-010 133.41 | 163B-010 146.54 | 1 | 8 | 627 |
| 1-1/4 | 162B-012 206.71 | 163B-012 231.12 | 1 | 4 | 627 |
| 1-1/2 | 162B-015 227.36 | 163B-015 251.79 | 1 | 0 | 627 |
| 2 | 162B-020 281.84 | 163B-020 311.88 | 2 | 0 | 627 |
| 3 | 162B-030 558.04 | 163B-030 608.79 | 1 | 0 | 627 |
| 4 | 162B-040 973.31 | 163B-040 1080.41 | 1 | 0 | 627 |

PVC - True Union SR Threaded Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|-----------------------|-----------------------|--------|---------|-----------|
| 1/2 | 162B-005SR 116.48 | 163B-005SR 127.78 | 1 | 12 | 627 |
| 3/4 | 162B-007SR 125.88 | 163B-007SR 139.04 | 1 | 8 | 627 |
| 1 | 162B-010SR 139.04 | 163B-010SR 154.08 | 1 | 8 | 627 |
| 1-1/4 | 162B-012SR 219.83 | 163B-012SR 242.37 | 1 | 4 | 627 |
| 1-1/2 | 162B-015SR 246.14 | 163B-015SR 270.57 | 1 | 0 | 627 |
| 2 | 162B-020SR 302.52 | 163B-020SR 334.44 | 1 | 0 | 627 |
| 3 | 162B-030SR 612.54 | 163B-030SR 674.56 | 1 | 0 | 627 |
| 4 | 162B-040SR 1027.79 | 163B-040SR 1136.77 | 1 | 0 | 627 |

PVC Clear - True Union Socket Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|----------------------|----------------------|--------|---------|-----------|
| 1/2 | 162A-005CL 112.75 | 163A-005CL 124.03 | 1 | 12 | 628 |
| 3/4 | 162A-007CL 120.24 | 163A-007CL 135.27 | 1 | 8 | 628 |
| 1 | 162A-010CL 133.41 | 163A-010CL 146.54 | 1 | 8 | 628 |

PVC Clear - True Union Socket Ends (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|----------------------|-----------------------|--------|---------|-----------|
| 1-1/4 | 162A-012CL 208.56 | 163A-012CL 231.12 | 1 | 4 | 628 |
| 1-1/2 | 162A-015CL 227.36 | 163A-015CL 251.79 | 1 | 0 | 628 |
| 2 | 162A-020CL 281.84 | 163A-020CL 311.88 | 2 | 0 | 628 |
| 3 | 162A-030CL 558.04 | 163A-030CL 608.79 | 1 | 0 | 628 |
| 4 | 162A-040CL 973.31 | 163A-040CL 1080.41 | 1 | 0 | 628 |

PVC Clear - True Union Threaded Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|----------------------|-----------------------|--------|---------|-----------|
| 1/2 | 162B-005CL 112.75 | 163B-005CL 124.03 | 1 | 12 | 628 |
| 3/4 | 162B-007CL 120.24 | 163B-007CL 135.27 | 1 | 8 | 628 |
| 1 | 162B-010CL 133.41 | 163B-010CL 146.54 | 1 | 8 | 628 |
| 1-1/4 | 162B-012CL 208.56 | 163B-012CL 231.12 | 1 | 4 | 628 |
| 1-1/2 | 162B-015CL 227.36 | 163B-015CL 251.79 | 1 | 0 | 628 |
| 2 | 162B-020CL 281.84 | 163B-020CL 311.88 | 2 | 0 | 628 |
| 3 | 162B-030CL 558.04 | 163B-030CL 608.79 | 1 | 0 | 628 |
| 4 | 162B-040CL 973.31 | 163B-040CL 1080.41 | 1 | 0 | 628 |

PVC Clear - True Union SR Threaded Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|-------------------------|-------------------------|--------|---------|-----------|
| 1/2 | 162B-005CLSR 116.48 | 163B-005CLSR 127.78 | 1 | 12 | 628 |
| 3/4 | 162B-007CLSR 125.88 | 163B-007CLSR 139.04 | 1 | 8 | 628 |
| 1 | 162B-010CLSR 139.04 | 163B-010CLSR 154.08 | 1 | 8 | 628 |
| 1-1/4 | 162B-012CLSR 219.83 | 163B-012CLSR 242.37 | 1 | 4 | 628 |
| 1-1/2 | 162B-015CLSR 246.14 | 163B-015CLSR 270.57 | 1 | 0 | 628 |
| 2 | 162B-020CLSR 302.52 | 163B-020CLSR 334.44 | 1 | 0 | 628 |
| 3 | 162B-030CLSR 612.54 | 163B-030CLSR 674.56 | 1 | 0 | 628 |
| 4 | 162B-040CLSR 1027.79 | 163B-040CLSR 1136.77 | 1 | 0 | 628 |

CPVC - True Union Socket Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|---------------------|---------------------|--------|---------|-----------|
| 1/2 | 162A-005C 161.60 | 163A-005C 178.49 | 1 | 12 | 629 |
| 3/4 | 162A-007C 172.86 | 163A-007C 193.53 | 1 | 8 | 629 |
| 1 | 162A-010C 189.77 | 163A-010C 210.45 | 1 | 8 | 629 |

Valves Product
Y-Check Valves & Y-Check Valve Repair Kits



Y-Check Valves

CPVC - True Union Socket Ends (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|-----------------------------|-----------------------------|--------|---------|-----------|
| 1-1/4 | 162A-012C 296.88 | 163A-012C 330.69 | 1 | 4 | 629 |
| 1-1/2 | 162A-015C 323.17 | 163A-015C 358.91 | 1 | 0 | 629 |
| 2 | 162A-020C 402.09 | 163A-020C 447.18 | 2 | 0 | 629 |
| 3 | 162A-030C 796.67 | 163A-030C 869.94 | 1 | 0 | 629 |
| 4 | 162A-040C 1388.56 | 163A-040C 1542.62 | 1 | 0 | 629 |

CPVC - True Union Threaded Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|-----------------------------|-----------------------------|--------|---------|-----------|
| 1/2 | 162B-005C 161.60 | 163B-005C 178.49 | 1 | 12 | 629 |
| 3/4 | 162B-007C 172.86 | 163B-007C 193.53 | 1 | 8 | 629 |
| 1 | 162B-010C 189.77 | 163B-010C 210.45 | 1 | 8 | 629 |
| 1-1/4 | 162B-012C 296.88 | 163B-012C 330.69 | 1 | 4 | 629 |
| 1-1/2 | 162B-015C 323.17 | 163B-015C 358.91 | 1 | 0 | 629 |
| 2 | 162B-020C 402.09 | 163B-020C 447.18 | 2 | 0 | 629 |
| 3 | 162B-030C 796.67 | 163B-030C 869.94 | 1 | 0 | 629 |
| 4 | 162B-040C 1388.56 | 163B-040C 1542.62 | 1 | 0 | 629 |

CPVC - True Union SR Threaded Ends

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|-------------------------------|-------------------------------|--------|---------|-----------|
| 1/2 | 162B-005CSR 165.35 | 163B-005CSR 182.25 | 1 | 12 | 629 |
| 3/4 | 162B-007CSR 180.39 | 163B-007CSR 199.17 | 1 | 8 | 629 |
| 1 | 162B-010CSR 199.17 | 163B-010CSR 219.83 | 1 | 8 | 629 |
| 1-1/4 | 162B-012CSR 313.77 | 163B-012CSR 345.73 | 1 | 4 | 629 |
| 1-1/2 | 162B-015CSR 351.37 | 163B-015CSR 385.17 | 1 | 0 | 629 |
| 2 | 162B-020CSR 432.16 | 163B-020CSR 475.37 | 1 | 0 | 629 |
| 3 | 162B-030CSR 875.60 | 163B-030CSR 962.04 | 1 | 0 | 629 |
| 4 | 162B-040CSR 1469.35 | 163B-040CSR 1623.43 | 1 | 0 | 629 |

Y-Check Valve Repair Kits

All Kits include:
1-Seat
1-Bonnet O-ring
1-Plug O-ring

All Union Kits include:
1-Seat
1-Bonnet O-ring
1-Plug O-ring
2-End Connector O-rings

Y-Check Valve - Seat & O-ring Repair Kits

| Size | Standard EPDM O-ring | Standard FKM O-ring | Std Pk | Mstr Pk | Prod Code |
|-------|----------------------------|-----------------------------|--------|---------|-----------|
| 1/2 | YC-ERK-005 4.06 | YC-VRK-005 12.03 | 1 | 10 | 299 |
| 3/4 | YC-ERK-007 4.66 | YC-VRK-007 12.99 | 1 | 10 | 299 |
| 1 | YC-ERK-010 4.76 | YC-VRK-010 17.63 | 1 | 10 | 299 |
| 1-1/4 | YC-ERK-012 4.98 | YC-VRK-012 32.79 | 1 | 10 | 299 |
| 1-1/2 | YC-ERK-015 8.65 | YC-VRK-015 35.80 | 1 | 10 | 299 |
| 2 | YC-ERK-020 11.64 | YC-VRK-020 42.85 | 1 | 10 | 299 |
| 3 | YC-ERK-030 20.08 | YC-VRK-030 112.40 | 1 | 10 | 299 |
| 4 | YC-ERK-040 25.99 | YC-VRK-040 161.82 | 1 | 10 | 299 |

Y-Check Valve - Seat & O-ring Repair Kit

| Size | True Union w/EPDM O-ring | True Union w/FKM O-ring | Std Pk | Mstr Pk | Prod Code |
|-------|-----------------------------|------------------------------|--------|---------|-----------|
| 1/2 | YC-UERK-005 4.76 | YC-UVRK-005 14.44 | 1 | 10 | 299 |
| 3/4 | YC-UERK-007 5.52 | YC-UVRK-007 16.15 | 1 | 10 | 299 |
| 1 | YC-UERK-010 5.80 | YC-UVRK-010 23.36 | 1 | 10 | 299 |
| 1-1/4 | YC-UERK-012 7.23 | YC-UVRK-012 41.00 | 1 | 10 | 299 |
| 1-1/2 | YC-UERK-015 12.15 | YC-UVRK-015 50.96 | 1 | 10 | 299 |
| 2 | YC-UERK-020 16.07 | YC-UVRK-020 61.81 | 1 | 10 | 299 |
| 3 | YC-UERK-030 34.92 | YC-UVRK-030 142.61 | 1 | 10 | 299 |
| 4 | YC-UERK-040 38.68 | YC-UVRK-040 199.64 | 1 | 10 | 299 |



Valves Product
Butterfly Check Valves

Butterfly Check Valves



Pressure Rating @ 73°F (23°C), Water
 2" - 8" 150 psi
 10" - 14" 100 psi
 16" 70 psi
 18" - 24" 50 psi

Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

General Installation Information: Butterfly Check Valve seating may be affected by normal system turbulence. Flow velocities should be limited to approximately 5 feet per second. Valves should be installed at least 5 pipe diameters away from any fitting, pump or other source of turbulence. If used as a foot valve, do not place near bottom of a tank. Butterfly type check valves should not be used in continuous cycling applications, such as with reciprocating pumps. This can result in premature failure of sealing membrane. In horizontal installations, always orient the Hinge Post Bolts visible on the external body in a vertical (top and bottom) position, perpendicular to flow. In vertical installations downstream from an elbow, flow velocities can be higher on the outer radius of the elbow. To avoid uneven butterfly plate loading, the Hinge Post Bolts should align with crotch and outer radius of elbow and NOT from side to side of the elbow.

PVC

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|--------------|--------------------|--------------------|--------|---------|-----------|
| Wafer | | | | | |
| 2 | 5420-020 472.79 | 5430-020 520.97 | 1 | 18 | 289 |
| 2-1/2 | 5420-025 651.55 | 5430-025 718.04 | 1 | 0 | 289 |

PVC (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|--------------|----------------------|----------------------|--------|---------|-----------|
| Wafer | | | | | |
| 3 | 5420-030 833.43 | 5430-030 918.40 | 1 | 8 | 289 |
| 4 | 5420-040 1133.44 | 5430-040 1249.05 | 1 | 4 | 289 |
| 6 | 5420-060 1718.35 | 5430-060 1893.62 | 1 | 0 | 289 |
| 8 | 5420-080 2915.42 | 5430-080 3212.79 | 1 | 0 | 289 |
| 10 | 5420-100 5360.68 | 5430-100 5950.34 | 1 | 0 | 289 |
| 12 | 5420-120 7558.49 | 5430-120 8389.95 | 1 | 0 | 289 |
| 14 | 5420-140 8497.00 | --- | 1 | 0 | 289 |
| 16 | 5420-160 11670.02 | --- | 1 | 0 | 289 |
| 18 | 5420-180 12253.58 | --- | 1 | 0 | 289 |
| 20 | 5420-200 14152.00 | --- | 1 | 0 | 289 |
| 24 | 5420-240 15962.28 | 5430-240 16281.43 | 1 | 0 | 289 |

Flanged Ends

| | | | | | |
|-------|----------------------|----------------------|---|---|-----|
| 2 | 5423-020 603.06 | 5433-020 648.55 | 1 | 8 | 289 |
| 2-1/2 | 5423-025 784.92 | 5433-025 854.65 | 1 | 0 | 289 |
| 3 | 5423-030 1127.39 | 5433-030 1239.52 | 1 | 0 | 289 |
| 4 | 5423-040 1463.78 | 5433-040 1633.46 | 1 | 0 | 289 |
| 6 | 5423-060 2372.96 | 5433-060 2715.41 | 1 | 0 | 289 |
| 8 | 5423-080 3400.31 | 5433-080 4012.48 | 1 | 0 | 289 |
| 10 | 5423-100 6261.21 | 5433-100 7140.06 | 1 | 0 | 289 |
| 12 | 5423-120 8870.53 | 5433-120 9436.21 | 1 | 0 | 289 |
| 14 | 5423-140 12507.44 | 5433-140 13304.99 | 4 | 0 | 289 |
| 16 | 5423-160 17604.24 | 5433-160 19007.11 | 1 | 0 | 289 |
| 18 | 5423-180 22491.45 | 5433-180 24058.31 | 1 | 0 | 289 |
| 20 | 5423-200 29561.34 | 5433-200 31655.65 | 1 | 0 | 289 |
| 24 | 5423-240 38719.75 | 5433-240 41650.09 | 1 | 0 | 289 |

Spigot (Plain End)

| | | | | | |
|-------|--------------------|--------------------|---|----|-----|
| 2 | 5427-020 257.60 | 5437-020 303.06 | 1 | 12 | 289 |
| 2-1/2 | 5427-025 354.58 | 5437-025 424.31 | 1 | 12 | 289 |
| 3 | 5427-030 475.80 | 5437-030 587.93 | 1 | 8 | 289 |

Valves Product
Butterfly Check Valves



Butterfly Check Valves

PVC (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|---------------------------|----------------------|----------------------|--------|---------|-----------|
| Spigot (Plain End) | | | | | |
| 4 | 5427-040 624.29 | 5437-040 794.03 | 1 | 4 | 289 |
| 6 | 5427-060 1327.38 | 5437-060 1669.84 | 1 | 0 | 289 |
| 8 | 5427-080 1978.99 | 5437-080 2591.13 | 1 | 0 | 289 |
| 10 | 5427-100 4839.83 | 5437-100 5718.69 | 1 | 0 | 289 |
| 12 | 5427-120 6555.15 | 5437-120 7684.52 | 1 | 0 | 289 |
| 14 | 5427-140 8748.43 | 5437-140 10052.45 | 1 | 0 | 289 |
| 16 | 5427-160 13162.11 | 5437-160 15431.66 | 1 | 0 | 289 |
| 18 | 5427-180 16452.64 | 5437-180 19287.84 | 1 | 0 | 289 |
| 20 | 5427-200 20565.25 | 5437-200 24108.26 | 1 | 0 | 289 |
| 24 | 5427-240 29378.88 | 5437-240 34439.18 | 1 | 0 | 289 |

Threaded Ends

| | | | | | |
|-------|----------------------|----------------------|---|---|-----|
| 2 | 5421A-020 251.55 | 5431A-020 297.00 | 1 | 4 | 289 |
| 2-1/2 | 5421A-025 342.46 | 5431A-025 412.15 | 1 | 8 | 289 |
| 3 | 5421A-030 466.73 | 5431A-030 578.82 | 1 | 8 | 289 |
| 4 | 5421A-040 612.18 | 5431A-040 781.88 | 1 | 4 | 289 |
| 6 | 5421A-060 1303.15 | 5431A-060 1645.60 | 1 | 0 | 289 |
| 8 | 5421A-080 1957.80 | 5431A-080 2569.93 | 1 | 0 | 289 |
| 10 | 5421A-100 4829.93 | 5431A-100 5710.22 | 1 | 0 | 289 |
| 12 | 5421A-120 6547.07 | 5431A-120 7676.45 | 1 | 0 | 289 |

Grooved Ends

| | | | | | |
|-------|---------------------|---------------------|---|----|-----|
| 2 | 542G-020 284.86 | 543G-020 330.33 | 1 | 12 | 289 |
| 2-1/2 | 542G-025 372.77 | 543G-025 442.46 | 1 | 8 | 289 |
| 3 | 542G-030 490.95 | 543G-030 603.06 | 1 | 8 | 289 |
| 4 | 542G-040 660.67 | 543G-040 830.38 | 1 | 4 | 289 |
| 6 | 542G-060 1381.94 | 543G-060 1724.41 | 1 | 0 | 289 |
| 8 | 542G-080 2039.57 | 543G-080 2651.77 | 1 | 0 | 289 |
| 10 | 542G-100 4936.80 | 543G-100 5815.66 | 1 | 0 | 289 |
| 12 | 542G-120 6685.45 | 543G-120 7815.88 | 1 | 0 | 289 |

CPVC

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Wafer

| | | | | | |
|-------|-----------------------|-----------------------|---|----|-----|
| 2 | 5420-020C 732.79 | 5430-020C 813.40 | 1 | 18 | 290 |
| 2-1/2 | 5420-025C 1009.92 | 5430-025C 1070.31 | 1 | 0 | 290 |
| 3 | 5420-030C 1291.79 | 5430-030C 1433.88 | 1 | 0 | 290 |
| 4 | 5420-040C 1756.86 | 5430-040C 1950.11 | 1 | 0 | 290 |
| 6 | 5420-060C 2663.43 | 5430-060C 2956.42 | 1 | 0 | 290 |
| 8 | 5420-080C 4518.91 | 5430-080C 5015.98 | 1 | 0 | 290 |
| 10 | 5420-100C 9718.43 | 5430-100C 10690.28 | 1 | 0 | 290 |
| 12 | 5420-120C 17115.46 | 5430-120C 18827.01 | 1 | 0 | 290 |

Flanged Ends

| | | | | | |
|-------|-----------------------|-----------------------|---|---|-----|
| 2 | 5423-020C 933.41 | 5433-020C 978.87 | 1 | 8 | 290 |
| 2-1/2 | 5423-025C 1494.07 | 5433-025C 1563.78 | 1 | 0 | 290 |
| 3 | 5423-030C 1597.11 | 5433-030C 1709.24 | 1 | 0 | 290 |
| 4 | 5423-040C 1869.86 | 5433-040C 2039.57 | 1 | 0 | 290 |
| 6 | 5423-060C 3297.26 | 5433-060C 3639.74 | 1 | 0 | 290 |
| 8 | 5423-080C 5282.31 | 5433-080C 5894.51 | 1 | 0 | 290 |
| 10 | 5423-100C 9982.75 | 5433-100C 10861.61 | 1 | 0 | 290 |
| 12 | 5423-120C 17980.44 | 5433-120C 19110.89 | 1 | 0 | 290 |
| 14 | 5423-140C 25685.91 | 5433-140C 27300.91 | 1 | 0 | 290 |
| 16 | 5423-160C 35672.89 | 5433-160C 37917.91 | 1 | 0 | 290 |
| 18 | 5423-180C 44591.09 | 5433-180C 47397.41 | 1 | 0 | 290 |
| 20 | 5423-200C 63701.34 | 5433-200C 67709.21 | 1 | 0 | 290 |
| 24 | 5423-240C 79624.89 | 5433-240C 84636.21 | 1 | 0 | 290 |

Spigot (Plain End)

| | | | | | |
|-------|----------------------|----------------------|---|----|-----|
| 2 | 5427-020C 490.95 | 5437-020C 536.42 | 1 | 12 | 290 |
| 2-1/2 | 5427-025C 663.72 | 5437-025C 733.39 | 1 | 12 | 290 |
| 3 | 5427-030C 675.83 | 5437-030C 786.95 | 1 | 8 | 290 |
| 4 | 5427-040C 848.56 | 5437-040C 1018.28 | 1 | 4 | 290 |
| 6 | 5427-060C 1815.34 | 5437-060C 2157.80 | 1 | 0 | 290 |
| 8 | 5427-080C 2724.49 | 5437-080C 3336.67 | 1 | 0 | 290 |



Butterfly Check Valves & Butterfly Check Valve Repair Kits

Butterfly Check Valves

CPVC (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Spigot (Plain End)

| | | | | | |
|----|-----------------------|-----------------------|---|---|-----|
| 10 | 5427-100C 6809.71 | 5437-100C 7688.62 | 1 | 0 | 290 |
| 12 | 5427-120C 11173.77 | 5437-120C 12303.16 | 1 | 0 | 290 |
| 14 | 5427-140C 11687.15 | 5437-140C 24410.15 | 1 | 0 | 290 |
| 16 | 5427-160C 15454.88 | 5437-160C 16043.17 | 1 | 0 | 290 |
| 18 | 5427-180C 23501.76 | 5437-180C 26973.97 | 1 | 0 | 290 |
| 20 | 5427-200C 29378.36 | 5437-200C 33714.14 | 1 | 0 | 290 |
| 24 | 5427-240C 30428.94 | 5437-240C 84636.21 | 1 | 0 | 290 |

Threaded Ends

| | | | | | |
|-------|------------------------|------------------------|---|----|-----|
| 2 | 5421A-020C 487.96 | 5431A-020C 563.72 | 1 | 12 | 290 |
| 2-1/2 | 5421A-025C 661.07 | 5431A-025C 731.38 | 1 | 8 | 290 |
| 3 | 5421A-030C 671.78 | 5431A-030C 783.88 | 1 | 8 | 290 |
| 4 | 5421A-040C 844.52 | 5431A-040C 1014.24 | 1 | 4 | 290 |
| 6 | 5421A-060C 1801.17 | 5431A-060C 2142.61 | 1 | 0 | 290 |
| 8 | 5421A-080C 2711.96 | 5431A-080C 3324.15 | 1 | 0 | 290 |
| 10 | 5421A-100C 6798.98 | 5431A-100C 7677.88 | 1 | 0 | 290 |
| 12 | 5421A-120C 11155.96 | 5431A-120C 12286.38 | 1 | 0 | 290 |

Grooved Ends

| | | | | | |
|-------|-----------------------|-----------------------|---|----|-----|
| 2 | 542G-020C 518.26 | 543G-020C 600.29 | 1 | 12 | 290 |
| 2-1/2 | 542G-025C 687.94 | 543G-025C 757.66 | 1 | 8 | 290 |
| 3 | 542G-030C 699.02 | 543G-030C 811.17 | 1 | 8 | 290 |
| 4 | 542G-040C 897.05 | 543G-040C 1067.55 | 1 | 4 | 290 |
| 6 | 542G-060C 1878.97 | 543G-060C 2221.43 | 1 | 0 | 290 |
| 8 | 542G-080C 2785.32 | 543G-080C 3397.49 | 1 | 0 | 290 |
| 10 | 542G-100C 6912.77 | 543G-100C 7791.62 | 1 | 0 | 290 |
| 12 | 542G-120C 11522.28 | 543G-120C 12652.66 | 1 | 0 | 290 |

Butterfly Check Valve Repair Kits

PVC & CPVC Butterfly Check Valve Repair Kit is an internal assembly including:

- 1-Flex Seal Gasket Seat
- 1-Hinge Post
- 2-Flapper Plates
- 2-Flapper Covers

- 1-Post Strip
- 2-Seat Post O-rings
- Plastic Assembly Screws
- Use Existing Hinge Post Bolts

PVC Butterfly Check Valve Repair Kits

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|------------------------|------------------------|--------|---------|-----------|
| 2 | BFC-ERK-020 181.92 | BFC-VRK-020 214.93 | 1 | 10 | 299 |
| 2-1/2 | BFC-ERK-025 247.74 | BFC-VRK-025 298.22 | 1 | 0 | 299 |
| 3 | BFC-ERK-030 337.45 | BFC-VRK-030 418.20 | 1 | 10 | 299 |
| 4 | BFC-ERK-040 442.85 | BFC-VRK-040 565.39 | 1 | 10 | 299 |
| 6 | BFC-ERK-060 942.64 | BFC-VRK-060 1190.38 | 1 | 10 | 299 |
| 8 | BFC-ERK-080 1416.41 | BFC-VRK-080 1858.86 | 1 | 10 | 299 |
| 10 | BFC-ERK-100 3493.69 | BFC-VRK-100 4130.35 | 1 | 0 | 299 |
| 12 | BFC-ERK-120 4735.75 | BFC-VRK-120 5552.57 | 1 | 0 | 299 |

CPVC Butterfly Check Valve Repair Kits

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------|-------------------------|-------------------------|--------|---------|-----------|
| 2 | BFC-ERK-020C 352.97 | BFC-VRK-020C 385.80 | 1 | 10 | 299 |
| 2-1/2 | BFC-ERK-025C 478.23 | BFC-VRK-025C 529.11 | 1 | 10 | 299 |
| 3 | BFC-ERK-030C 486.18 | BFC-VRK-030C 566.94 | 1 | 10 | 299 |
| 4 | BFC-ERK-040C 610.82 | BFC-VRK-040C 733.73 | 1 | 10 | 299 |
| 6 | BFC-ERK-060C 1302.81 | BFC-VRK-060C 1549.77 | 1 | 10 | 299 |
| 8 | BFC-ERK-080C 1961.57 | BFC-VRK-080C 2404.47 | 1 | 10 | 299 |
| 10 | BFC-ERK-100C 4917.87 | BFC-VRK-100C 5553.73 | 1 | 0 | 299 |
| 12 | BFC-ERK-120C 8069.65 | BFC-VRK-120C 8887.25 | 1 | 0 | 299 |

Valves Product
Industrial Swing Check Valves



Industrial Swing Check Valves



Threaded Bonnet on Sizes 3/4", 1" & 1-1/4" **Bolted Bonnet on Sizes 1-1/2" & Up**
(Valve Shown with Arrow Indicator Option)

Pressure Rating @ 73°F (23°C), Water
3/4" - 4" 150 psi
6" 100 psi
8" 70 psi

Maximum Service Temperature
PVC = 140°F (60°C)
CPVC = 200°F (93°C)
PP = 180°F (82°C)

Temperature/Pressure De-ratings Apply

All Valves Assembled with Silicone-Free Lubricants

General Installation Information: Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec.

Industrial Swing Check Valves

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------------|---------------------|---------------------|--------|---------|-----------|
| PVC | | | | | |
| 3/4 | 4423-007 571.36 | 4433-007 604.37 | 1 | 12 | 108 |
| 1 | 4423-010 658.44 | 4433-010 717.57 | 1 | 4 | 108 |
| 1-1/4 | 4423-012 823.63 | 4433-012 871.44 | 1 | 0 | 108 |
| 1-1/2 | 4423-015 902.92 | 4433-015 1008.75 | 1 | 0 | 108 |
| 2 | 4423-020 1039.49 | 4433-020 1155.01 | 1 | 0 | 108 |
| 2-1/2 | 4423-025 1739.66 | 4433-025 2052.28 | 1 | 0 | 110 |
| 3 | 4423-030 1945.56 | 4433-030 2549.56 | 1 | 0 | 110 |
| 4 | 4423-040 2479.79 | 4433-040 2911.49 | 1 | 0 | 110 |
| 6 | 4423-060 4712.82 | 4433-060 5531.60 | 1 | 0 | 110 |

Industrial Swing Check Valves (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------------|-----------------------|-----------------------|--------|---------|-----------|
| PVC | | | | | |
| 8 | 4423-080 9030.05 | 4433-080 10554.94 | 1 | 0 | 110 |
| CPVC | | | | | |
| 3/4 | 4423-007C 902.77 | 4433-007C 1003.21 | 1 | 12 | 109 |
| 1 | 4423-010C 1041.01 | 4433-010C 1157.52 | 1 | 4 | 109 |
| 1-1/4 | 4423-012C 1302.20 | 4433-012C 1446.23 | 1 | 0 | 109 |
| 1-1/2 | 4423-015C 1343.51 | 4433-015C 1825.94 | 1 | 0 | 109 |
| 2 | 4423-020C 1732.48 | 4433-020C 1924.97 | 1 | 0 | 109 |
| 2-1/2 | 4423-025C 2871.07 | 4433-025C 3407.01 | 1 | 0 | 111 |
| 3 | 4423-030C 3586.36 | 4433-030C 3858.89 | 1 | 0 | 111 |
| 4 | 4423-040C 4115.21 | 4433-040C 4853.19 | 1 | 0 | 111 |
| 6 | 4423-060C 8421.82 | 4433-060C 9223.61 | 1 | 0 | 111 |
| 8 | 4423-080C 15027.43 | 4433-080C 17573.12 | 1 | 0 | 111 |

PP

| | | | | | |
|-------|-----------------------|-----------------------|---|----|-----|
| 3/4 | 4423-007P 657.00 | 4433-007P 729.97 | 1 | 12 | 113 |
| 1 | 4423-010P 785.97 | 4433-010P 856.61 | 1 | 4 | 113 |
| 1-1/4 | 4423-012P 942.01 | 4433-012P 1046.58 | 1 | 0 | 113 |
| 1-1/2 | 4423-015P 1169.59 | 4433-015P 1272.67 | 1 | 0 | 113 |
| 2 | 4423-020P 1250.51 | 4433-020P 1405.05 | 1 | 0 | 113 |
| 2-1/2 | 4423-025P 2082.08 | 4433-025P 2316.00 | 1 | 0 | 112 |
| 3 | 4423-030P 2188.93 | 4433-030P 2617.47 | 1 | 0 | 112 |
| 4 | 4423-040P 2977.42 | 4433-040P 3304.91 | 1 | 0 | 112 |
| 6 | 4423-060P 5640.08 | 4433-060P 6271.72 | 1 | 0 | 112 |
| 8 | 4423-080P 10795.96 | 4433-080P 11863.74 | 1 | 0 | 112 |

Swing Check Valve With Arrow Indicator

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------------|---------------------|----------------------|--------|---------|-----------|
| PVC | | | | | |
| 3/4 | 4423I-007 580.76 | 4433I-007 613.78 | 1 | 12 | 108 |
| 1 | 4423I-010 667.82 | 4433I-010 747.65 | 1 | 4 | 108 |
| 1-1/4 | 4423I-012 852.86 | 4433I-012 937.21 | 1 | 0 | 108 |
| 1-1/2 | 4423I-015 989.08 | 4433I-015 1080.62 | 1 | 0 | 108 |



Industrial Swing Check Valves

Industrial Swing Check Valves

Swing Check Valve With Arrow Indicator (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------------|----------------------|-----------------------|--------|---------|-----------|
| PVC | | | | | |
| 2 | 4423I-020 1070.94 | 4433I-020 1168.99 | 1 | 0 | 108 |
| 2-1/2 | 4423I-025 1749.59 | 4433I-025 1946.37 | 1 | 0 | 110 |
| 3 | 4423I-030 2037.55 | 4433I-030 1946.37 | 1 | 0 | 110 |
| 4 | 4423I-040 2489.85 | 4433I-040 2958.99 | 1 | 0 | 110 |
| 6 | 4423I-060 4722.66 | 4433I-060 5577.17 | 1 | 0 | 110 |
| 8 | 4423I-080 9173.59 | 4433I-080 10608.87 | 1 | 0 | 110 |

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------------|------------------------|------------------------|--------|---------|-----------|
| CPVC | | | | | |
| 3/4 | 4423I-007C 912.75 | 4433I-007C 1012.57 | 1 | 12 | 109 |
| 1 | 4423I-010C 1050.40 | 4433I-010C 1168.79 | 1 | 4 | 109 |
| 1-1/4 | 4423I-012C 1295.92 | 4433I-012C 1459.38 | 1 | 0 | 109 |
| 1-1/2 | 4423I-015C 1490.53 | 4433I-015C 1848.34 | 1 | 0 | 109 |
| 2 | 4423I-020C 1746.03 | 4433I-020C 1975.28 | 1 | 0 | 109 |
| 2-1/2 | 4423I-025C 2880.83 | 4433I-025C 3455.21 | 1 | 0 | 111 |
| 3 | 4423I-030C 3091.73 | 4433I-030C 4020.12 | 1 | 0 | 111 |
| 4 | 4423I-040C 4142.61 | 4433I-040C 4881.86 | 1 | 0 | 111 |
| 6 | 4423I-060C 8546.88 | 4433I-060C 9233.60 | 1 | 0 | 111 |
| 8 | 4423I-080C 15043.58 | 4433I-080C 17628.67 | 1 | 0 | 111 |

Industrial Swing Check Valve With Arrow Indicator

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-----------|-----------------------|-----------------------|--------|---------|-----------|
| PP | | | | | |
| 3/4 | 4423I-007P 666.38 | 4433I-007P 739.37 | 1 | 12 | 113 |
| 1 | 4423I-010P 799.12 | 4433I-010P 922.37 | 1 | 4 | 113 |
| 1-1/4 | 4423I-012P 1026.55 | 4433I-012P 1139.52 | 1 | 0 | 113 |
| 1-1/2 | 4423I-015P 1319.63 | 4433I-015P 1139.52 | 1 | 0 | 113 |
| 2 | 4423I-020P 1285.02 | 4433I-020P 1457.19 | 1 | 0 | 113 |
| 2-1/2 | 4423I-025P 2094.19 | 4433I-025P 2346.91 | 1 | 0 | 112 |
| 3 | 4423I-030P 2609.98 | 4433I-030P 2724.16 | 1 | 0 | 112 |
| 4 | 4423I-040P 2989.53 | 4433I-040P 3317.07 | 1 | 0 | 112 |
| 6 | 4423I-060P 5761.82 | 4433I-060P 6324.58 | 1 | 0 | 112 |

Industrial Swing Check Valve With Arrow Indicator (continued)

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-----------|------------------------|------------------------|--------|---------|-----------|
| PP | | | | | |
| 8 | 4423I-080P 10876.37 | 4433I-080P 11983.64 | 1 | 0 | 112 |

Contact Spears® for MSRP on Additional Specialty Valve Accessories Available:

- Arrow Indicator Kits for Field Installation
- Counter Balance Kits for Field Installation

Swing Check Valve With Counter Balance

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------------|------------------------|------------------------|--------|---------|-----------|
| PVC | | | | | |
| 3/4 | 4423CB-007 903.76 | 4433CB-007 967.23 | 1 | 8 | 108 |
| 1 | 4423CB-010 1010.98 | 4433CB-010 1082.92 | 1 | 4 | 108 |
| 1-1/4 | 4423CB-012 1221.15 | 4433CB-012 1269.42 | 1 | 0 | 108 |
| 1-1/2 | 4423CB-015 1310.19 | 4433CB-015 1530.23 | 1 | 0 | 108 |
| 2 | 4423CB-020 1445.55 | 4433CB-020 1749.73 | 1 | 0 | 108 |
| 2-1/2 | 4423CB-025 2175.22 | 4433CB-025 2487.11 | 1 | 0 | 110 |
| 3 | 4423CB-030 2449.66 | 4433CB-030 2826.40 | 1 | 0 | 110 |
| 4 | 4423CB-040 2935.23 | 4433CB-040 3366.92 | 1 | 0 | 110 |
| 6 | 4423CB-060 5233.49 | 4433CB-060 5233.49 | 1 | 0 | 110 |
| 8 | 4423CB-080 10492.85 | 4433CB-080 11065.65 | 1 | 0 | 110 |

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-------------|-------------------------|-------------------------|--------|---------|-----------|
| CPVC | | | | | |
| 3/4 | 4423CB-007C 1401.18 | 4433CB-007C 1527.45 | 1 | 12 | 109 |
| 1 | 4423CB-010C 1520.29 | 4433CB-010C 1652.36 | 1 | 4 | 109 |
| 1-1/4 | 4423CB-012C 1295.92 | 4433CB-012C 1780.04 | 1 | 0 | 109 |
| 1-1/2 | 4423CB-015C 1780.04 | 4433CB-015C 2058.46 | 1 | 0 | 109 |
| 2 | 4423CB-020C 2313.63 | 4433CB-020C 2506.16 | 1 | 0 | 109 |
| 2-1/2 | 4423CB-025C 3492.26 | 4433CB-025C 4028.33 | 1 | 0 | 111 |
| 3 | 4423CB-030C 3780.63 | 4433CB-030C 5008.63 | 1 | 0 | 111 |
| 4 | 4423CB-040C 4677.95 | 4433CB-040C 5503.80 | 1 | 0 | 111 |
| 6 | 4423CB-060C 9165.66 | 4433CB-060C 9967.40 | 1 | 0 | 111 |
| 8 | 4423CB-080C 15784.22 | 4433CB-080C 18329.74 | 1 | 0 | 111 |



Industrial Swing Check Valves

Industrial Swing Check Valve With Counter Balance

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|-----------|-------------------------|-------------------------|--------|---------|-----------|
| PP | | | | | |
| 3/4 | 4423CB-007P 840.96 | 4433CB-007P 934.37 | 1 | 12 | 113 |
| 1 | 4423CB-010P 1006.02 | 4433CB-010P 1096.44 | 1 | 4 | 113 |
| 1-1/4 | 4423CB-012P 1026.55 | 4433CB-012P 1579.65 | 1 | 0 | 113 |
| 1-1/2 | 4423CB-015P 1451.02 | 4433CB-015P 1948.38 | 1 | 0 | 113 |
| 2 | 4423CB-020P 1563.14 | 4433CB-020P 1756.31 | 1 | 0 | 113 |
| 2-1/2 | 4423CB-025P 2413.23 | 4433CB-025P 2964.47 | 1 | 0 | 112 |
| 3 | 4423CB-030P 2936.20 | 4433CB-030P 3673.63 | 1 | 0 | 112 |
| 4 | 4423CB-040P 3362.38 | 4433CB-040P 3693.83 | 1 | 0 | 112 |
| 6 | 4423CB-060P 6255.79 | 4433CB-060P 8027.78 | 1 | 0 | 112 |
| 8 | 4423CB-080P 11420.52 | 4433CB-080P 12488.34 | 1 | 0 | 112 |

Utility Swing Check Valves



Pressure Rating @ 73°F (23°C), Water

| | |
|----------------------------|---------|
| 1/2" - 4" Full Flow (open) | 150 psi |
| Back Pressure (closed) | 75 psi |
| 6" - 8" Full Flow (open) | 100 psi |
| Back Pressure (closed) | 50 psi |

Maximum Service Temperature
140°F (60°C)

Temperature/Pressure De-ratings
Apply
EPDM Seat

General Installation Information: Swing check valves are designed for horizontal installations, but may be installed in an up-flow only vertical position. Check valves **MUST** be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

Industrial Swing Check Valve Accessory and Repair Kits

Repair Kits include:

- 1-Bonnet O-ring
- 1-Disc O-ring
- 1-Seat O-ring

- 1-Plug O-ring
- 1-Arm Plug O-ring

Industrial Swing Check Valve Repair Kits

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|---------------|----------------------|----------------------|--------|---------|-----------|
| 3/4 | SK-ERK-007 30.66 | SK-VRK-007 37.39 | 1 | 10 | 299 |
| 1 | SK-ERK-010 40.05 | SK-VRK-010 48.84 | 1 | 10 | 299 |
| 1-1/2 & 1-1/4 | SK-ERK-015 95.77 | SK-VRK-015 121.12 | 1 | 10 | 299 |
| 2 | SK-ERK-020 102.81 | SK-VRK-020 125.36 | 1 | 10 | 299 |
| 2-1/2 | SK-ERK-025 108.73 | SK-VRK-025 139.16 | 1 | 10 | 299 |
| 3 | SK-ERK-030 123.27 | SK-VRK-030 150.43 | 1 | 10 | 299 |
| 4 | SK-ERK-040 134.51 | SK-VRK-040 164.01 | 1 | 10 | 299 |
| 6 | SK-ERK-060 267.33 | SK-VRK-060 315.58 | 1 | 10 | 299 |
| 8 | SK-ERK-080 336.37 | SK-VRK-080 408.06 | 1 | 10 | 299 |

PVC White Swing Check

| Size | Socket | Thread | SR Threaded | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|---------------------|-----------------------|--------|---------|-----------|
| 1/2 | S1520-05 19.45 | S1520-05F 19.45 | S1520-05FSR 22.69 | 35 | 0 | 026 |
| 3/4 | S1520-07 20.08 | S1520-07F 20.08 | S1520-07FSR 24.69 | 35 | 0 | 026 |
| 1 | S1520-10 20.92 | S1520-10F 20.92 | S1520-10FSR 27.35 | 20 | 0 | 026 |
| 1-1/4 | S1520-12 21.73 | S1520-12F 21.73 | S1520-12FSR 32.05 | 12 | 0 | 026 |
| 1-1/2 | S1520-15 23.03 | S1520-15F 23.03 | S1520-15FSR 40.65 | 12 | 0 | 026 |
| 2 | S1520-20 35.75 | S1520-20F 35.75 | S1520-20FSR 54.88 | 15 | 0 | 026 |
| 2-1/2 | S1520-25 59.46 | S1520-25F 59.46 | S1520-25FSR 78.60 | 5 | 0 | 026 |
| 3 | S1520-30 66.08 | S1520-30F 66.08 | S1520-30FSR 117.21 | 4 | 0 | 026 |
| 4 | S1520-40 93.56 | S1520-40F 93.56 | S1520-40FSR 146.54 | 2 | 0 | 026 |
| 6 | S1520-60 196.60 | S1520-60F 196.60 | S1520-60FSR 259.32 | 1 | 0 | 026 |
| 8 | S1520-80 365.22 | --- | --- | 1 | 0 | 026 |

PVC Clear Swing Check

| Size | Socket | Thread | SR Threaded | Std Pk | Mstr Pk | Prod Code |
|-------|-------------------|--------------------|----------------------|--------|---------|-----------|
| 1/2 | S1520C05 26.45 | S1520C05F 26.45 | S1520C05FSR 29.68 | 35 | 0 | 026 |
| 3/4 | S1520C07 26.98 | S1520C07F 26.98 | S1520C07FSR 31.63 | 35 | 0 | 026 |
| 1 | S1520C10 27.49 | S1520C10F 27.49 | S1520C10FSR 33.93 | 20 | 0 | 026 |
| 1-1/4 | S1520C12 28.86 | S1520C12F 28.86 | S1520C12FSR 39.16 | 12 | 0 | 026 |
| 1-1/2 | S1520C15 31.37 | S1520C15F 31.37 | S1520C15FSR 49.02 | 12 | 0 | 026 |
| 2 | S1520C20 45.17 | S1520C20F 45.17 | S1520C20FSR 64.28 | 15 | 0 | 026 |



Valves Product

Utility Swing Check Valves & True Union Utility Swing Check Valves & Compression Utility Swing Check Valves

Utility Swing Check Valves

PVC Clear Swing Check (continued)

| Size | Socket | Thread | SR Threaded | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|---------------------|-----------------------|--------|---------|-----------|
| 2-1/2 | S1520C25 75.28 | S1520C25F 75.28 | S1520C25FSR 104.94 | 5 | 0 | 026 |
| 3 | S1520C30 83.64 | S1520C30F 83.64 | S1520C30FSR 134.76 | 4 | 0 | 026 |
| 4 | S1520C40 112.60 | S1520C40F 112.60 | S1520C40FSR 165.54 | 2 | 0 | 026 |
| 6 | S1520C60 232.72 | S1520C60F 232.72 | S1520C60FSR 295.44 | 1 | 0 | 026 |
| 8 | S1520C80 388.73 | --- | --- | 1 | 0 | 026 |

True Union Utility Swing Check Valves



Pressure Rating @ 73°F (23°C), Water

Full Flow (open) 150 psi
Back Pressure (closed) 75 psi

Maximum Service Temperature
140°F (60°C)

Temperature/Pressure De-ratings Apply
EPDM Seat

General Installation Information: Swing check valves are designed for horizontal installations, but may be installed in an up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

PVC White True Union Swing Check

| Size | Socket | Threaded | SR Thread | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|---------------------|-----------------------|--------|---------|-----------|
| 1/2 | S1720-05 22.13 | S1720-05F 22.13 | S1720-05FSR 25.34 | 35 | 0 | 026 |
| 3/4 | S1720-07 22.80 | S1720-07F 22.80 | S1720-07FSR 27.45 | 30 | 0 | 026 |
| 1 | S1720-10 23.76 | S1720-10F 23.76 | S1720-10FSR 30.19 | 18 | 0 | 026 |
| 1-1/4 | S1720-12 25.01 | S1720-12F 25.01 | S1720-12FSR 35.31 | 12 | 0 | 026 |
| 1-1/2 | S1720-15 27.49 | S1720-15F 27.49 | S1720-15FSR 45.15 | 10 | 0 | 026 |
| 2 | S1720-20 41.29 | S1720-20F 41.29 | S1720-20FSR 60.35 | 10 | 0 | 026 |
| 2-1/2 | S1720-25 68.86 | S1720-25F 68.86 | S1720-25FSR 98.48 | 2 | 0 | 026 |
| 3 | S1720-30 87.93 | S1720-30F 87.93 | S1720-30FSR 139.07 | 2 | 0 | 026 |
| 4 | S1720-40 118.68 | S1720-40F 118.68 | S1720-40FSR 171.13 | 1 | 0 | 026 |

PVC Clear True Union Swing Check

| Size | Socket | Threaded | SR Thread | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|---------------------|-----------------------|--------|---------|-----------|
| 1/2 | S1720C05 28.65 | S1720C05F 28.65 | S1720C05FSR 31.87 | 35 | 0 | 026 |
| 3/4 | S1720C07 29.13 | S1720C07F 29.13 | S1720C07FSR 33.77 | 30 | 0 | 026 |
| 1 | S1720C10 31.83 | S1720C10F 31.83 | S1720C10FSR 38.26 | 18 | 0 | 026 |
| 1-1/4 | S1720C12 33.53 | S1720C12F 33.53 | S1720C12FSR 43.82 | 12 | 0 | 026 |
| 1-1/2 | S1720C15 35.96 | S1720C15F 35.96 | S1720C15FSR 53.61 | 10 | 0 | 026 |
| 2 | S1720C20 50.58 | S1720C20F 50.58 | S1720C20FSR 69.73 | 10 | 0 | 026 |
| 2-1/2 | S1720C25 83.07 | S1720C25F 83.07 | S1720C25FSR 112.72 | 2 | 0 | 026 |
| 3 | S1720C30 95.60 | S1720C30F 95.60 | S1720C30FSR 146.73 | 2 | 0 | 026 |
| 4 | S1720C40 127.46 | S1720C40F 127.46 | S1720C40FSR 180.37 | 1 | 0 | 026 |

Compression Utility Swing Check Valves



Pressure Rating @ 73°F (23°C), Water
Full Flow (open) 150 psi
Back Pressure (closed) 75 psi

Maximum Service Temperature
140°F (60°C)

Temperature/Pressure De-ratings Apply

- Standard Swing Check Assembly Maintains a Positive Seal
- Convenient Compression Ends for Quick Connections
- Engineered for Maximum Flow, Quick Response & Positive Shutoff
- Excellent for Pool & Spa, OEM and General Purpose Applications
- Compact, Space-Saving Design
- Replaceable PVC White or Clear Sealed Unit
- High Grade EPDM Seat
- Suitable for Horizontal or Vertical Up-flow Installations
- Pressure Rated to 150 psi @ 73°F Full Flow (open), 75 psi Back Pressure (closed)
- Maximum Service Temperature 140°F (temperature/pressure de-ratings apply)

General Installation Information: Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

PVC White Compression End Swing Check

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|------------------------|------|--------|----------|-----------|-------|
| Compression End | | | | | |
| S1500-05 | 1/2 | 20 | 0 | 026 | 25.86 |
| S1500-07 | 3/4 | 35 | 0 | 026 | 27.21 |
| S1500-10 | 1 | 20 | 0 | 026 | 28.36 |



Compression Utility Swing Check Valves

PVC White Compression End Swing Check (continued)

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|------------------------|-------|--------|----------|-----------|--------|
| Compression End | | | | | |
| S1500-12 | 1-1/4 | 12 | 0 | 026 | 33.29 |
| S1500-15 | 1-1/2 | 12 | 0 | 026 | 37.15 |
| S1500-20 | 2 | 10 | 0 | 026 | 58.59 |
| S1500-25 | 2-1/2 | 5 | 0 | 026 | 97.87 |
| S1500-30 | 3 | 4 | 0 | 026 | 127.04 |
| S1500-40 | 4 | 2 | 0 | 026 | 195.18 |

PVC Clear Compression End Swing Check

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|------------------------|-------|--------|----------|-----------|--------|
| Compression End | | | | | |
| S1500C05 | 1/2 | 35 | 0 | 026 | 28.43 |
| S1500C07 | 3/4 | 35 | 0 | 026 | 30.60 |
| S1500C10 | 1 | 20 | 0 | 026 | 31.23 |
| S1500C12 | 1-1/4 | 12 | 0 | 026 | 35.06 |
| S1500C15 | 1-1/2 | 12 | 0 | 026 | 39.52 |
| S1500C20 | 2 | 10 | 0 | 026 | 58.99 |
| S1500C25 | 2-1/2 | 5 | 0 | 026 | 98.96 |
| S1500C30 | 3 | 4 | 0 | 026 | 144.54 |
| S1500C40 | 4 | 2 | 0 | 026 | 199.15 |

Compression Coupling Nut Wrenches

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|----------------------|-------|--------|----------|-----------|-------|
| CCW-005 | 1/2 | 1 | 50 | 299 | 13.92 |
| CCW-007 | 3/4 | 1 | 50 | 299 | 14.16 |
| CCW-010 | 1 | 1 | 50 | 299 | 14.76 |
| CCW-012 | 1-1/4 | 1 | 50 | 299 | 16.69 |
| CCW-015 | 1-1/2 | 1 | 50 | 299 | 18.01 |
| CCW-020 ¹ | 2 | 1 | 50 | 299 | 20.13 |
| CCW-030 ² | 3 | 1 | 25 | 299 | 24.76 |

¹ CCW-20 - Wrench also fits 2-1/2" Coupling Body

² CCW-30 - Wrench also fits 4" Coupling Body

Compression Coupling Nut Wrench Sets

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|--------|
| CCW-000 | Set | 1 | 25 | 299 | 116.26 |

Complete Set of Wrenches, Sizes 1/2" - 3"

Utility Spring Check Valves

(Spring Assisted Swing Check)

Pressure Rating @ 73°F (23°C), Water

Full Flow (open) 150 psi

Back Pressure (closed) 75 psi

Maximum Service Temperature

140°F (60°C)

Temperature/Pressure De-ratings Apply
EPDM Seat

Stainless Steel Spring Assisted
(non-adjustable)



General Installation Information: Spring check valves are designed for horizontal installations, but may be installed in an up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

PVC White Spring Check (Spring Assisted Swing Check)

| Size | Socket | Thread | SR Thread | Std Pk | Mstr Pk | Prod Code |
|-------|----------|-----------|-------------|--------|---------|-----------|
| 1/2 | S1580-05 | S1580-05F | S1580-05FSR | 20 | 0 | 026 |
| | 38.31 | 38.31 | 41.54 | | | |
| 3/4 | S1580-07 | S1580-07F | S1580-07FSR | 20 | 0 | 026 |
| | 43.36 | 43.36 | 47.97 | | | |
| 1 | S1580-10 | S1580-10F | S1580-10FSR | 20 | 0 | 026 |
| | 45.17 | 45.17 | 51.58 | | | |
| 1-1/4 | S1580-12 | S1580-12F | S1580-12FSR | 12 | 0 | 026 |
| | 47.02 | 47.02 | 57.35 | | | |
| 1-1/2 | S1580-15 | S1580-15F | S1580-15FSR | 12 | 0 | 026 |
| | 50.06 | 50.06 | 67.66 | | | |
| 2 | S1580-20 | S1580-20F | S1580-20FSR | 15 | 0 | 026 |
| | 52.47 | 52.47 | 71.60 | | | |
| 2-1/2 | S1580-25 | S1580-25F | S1580-25FSR | 5 | 0 | 026 |
| | 93.13 | 93.13 | 122.79 | | | |
| 3 | S1580-30 | S1580-30F | S1580-30FSR | 4 | 0 | 026 |
| | 97.13 | 97.13 | 148.26 | | | |
| 4 | S1580-40 | S1580-40F | S1580-40FSR | 2 | 0 | 026 |
| | 137.85 | 137.85 | 190.82 | | | |

PVC Clear Spring Check (Spring Assisted Swing Check)

| Size | Socket | Thread | SR Thread | Std Pk | Mstr Pk | Prod Code |
|-------|----------|-----------|-------------|--------|---------|-----------|
| 1/2 | S1580C05 | S1580C05F | S1580C05FSR | 20 | 0 | 026 |
| | 39.46 | 39.46 | 42.75 | | | |
| 3/4 | S1580C07 | S1580C07F | S1580C07FSR | 20 | 0 | 026 |
| | 44.68 | 44.68 | 49.35 | | | |
| 1 | S1580C10 | S1580C10F | S1580C10FSR | 20 | 0 | 026 |
| | 46.58 | 46.58 | 52.99 | | | |
| 1-1/4 | S1580C12 | S1580C12F | S1580C12FSR | 12 | 0 | 026 |
| | 48.49 | 48.49 | 58.79 | | | |
| 1-1/2 | S1580C15 | S1580C15F | S1580C15FSR | 12 | 0 | 026 |
| | 51.38 | 51.38 | 69.04 | | | |
| 2 | S1580C20 | S1580C20F | S1580C20FSR | 15 | 0 | 026 |
| | 53.33 | 53.33 | 72.44 | | | |



Valves Product

Utility Spring Check Valves & True Union Utility Spring Check Valves & Diaphragm Check Valves

Utility Spring Check Valves

PVC Clear Spring Check (Spring Assisted Swing Check)

(continued)

| Size | Socket | Thread | SR Thread | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|---------------------|-----------------------|--------|---------|-----------|
| 2-1/2 | S1580C25 96.02 | S1580C25F 96.02 | S1580C25FSR 125.64 | 5 | 0 | 026 |
| 3 | S1580C30 99.99 | S1580C30F 99.99 | S1580C30FSR 198.95 | 4 | 0 | 026 |
| 4 | S1580C40 142.06 | S1580C40F 142.06 | S1580C40FSR 195.02 | 2 | 0 | 026 |

True Union Utility Spring Check Valves

Pressure Rating @ 73°F (23°C), Water
Full Flow (open) 150 psi
Back Pressure (closed) 75 psi

Maximum Service Temperature
140°F (60°C)

Temperature/Pressure De-ratings Apply

EPDM Seat

Stainless Steel Spring Assisted
(non-adjustable)



General Installation Information: Spring check valves are designed for horizontal installations, but may be installed in an up-flow only vertical position. Check valves MUST be installed with the valve's FLOW pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

PVC White True Union Spring Check (Spring Assisted Swing Check)

| Size | Socket | Thread | SR Thread | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|---------------------|-----------------------|--------|---------|-----------|
| 1/2 | S1780-05 50.94 | S1780-05F 50.94 | S1780-05FSR 54.16 | 20 | 0 | 026 |
| 3/4 | S1780-07 57.78 | S1780-07F 57.78 | S1780-07FSR 62.43 | 30 | 0 | 026 |
| 1 | S1780-10 60.22 | S1780-10F 60.22 | S1780-10FSR 66.62 | 18 | 0 | 026 |
| 1-1/4 | S1780-12 62.73 | S1780-12F 62.73 | S1780-12FSR 72.98 | 12 | 0 | 026 |
| 1-1/2 | S1780-15 66.82 | S1780-15F 66.82 | S1780-15FSR 84.48 | 10 | 0 | 026 |
| 2 | S1780-20 69.57 | S1780-20F 69.57 | S1780-20FSR 88.67 | 10 | 0 | 026 |
| 2-1/2 | S1780-25 124.17 | S1780-25F 124.17 | S1780-25FSR 153.76 | 2 | 0 | 026 |
| 3 | S1780-30 129.54 | S1780-30F 129.54 | S1780-30FSR 180.65 | 2 | 0 | 026 |
| 4 | S1780-40 183.80 | S1780-40F 183.80 | S1780-40FSR 236.82 | 1 | 0 | 026 |

PVC Clear True Union Spring Check (Spring Assisted Swing Check)

| Size | Socket | Thread | SR Thread | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|---------------------|-----------------------|--------|---------|-----------|
| 1/2 | S1780C05 52.55 | S1780C05F 52.55 | S1780C05FSR 55.78 | 20 | 0 | 026 |
| 3/4 | S1780C07 59.59 | S1780C07F 59.59 | S1780C07FSR 64.23 | 30 | 0 | 026 |
| 1 | S1780C10 62.07 | S1780C10F 62.07 | S1780C10FSR 68.54 | 18 | 0 | 026 |
| 1-1/4 | S1780C12 64.63 | S1780C12F 64.63 | S1780C12FSR 74.89 | 12 | 0 | 026 |
| 1-1/2 | S1780C15 68.54 | S1780C15F 68.54 | S1780C15FSR 86.56 | 10 | 0 | 026 |
| 2 | S1780C20 70.53 | S1780C20F 70.53 | S1780C20FSR 90.78 | 10 | 0 | 026 |
| 2-1/2 | S1780C25 128.02 | S1780C25F 128.02 | S1780C25FSR 157.68 | 2 | 0 | 026 |
| 3 | S1780C30 133.53 | S1780C30F 133.53 | S1780C30FSR 184.64 | 2 | 0 | 026 |
| 4 | S1780C40 189.51 | S1780C40F 189.51 | S1780C40FSR 242.52 | 1 | 0 | 026 |

Diaphragm Check Valves



Pressure Rating @ 73°F (23°C), Water
Full Flow (open) = 150 psi
Back Pressure (closed) = 100 psi
Maximum Service Temperature
PVC = 140°F (60°C)
CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply
Santoprene™ TPE Seat

PVC Diaphragm Check Valves - Socket

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|--------|
| 6562-007 | 3/4 | 15 | 0 | 004 | 103.92 |

PVC Diaphragm Check Valves - Thread

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|--------|
| 6561-007 | 3/4 | 15 | 0 | 004 | 103.92 |

CPVC Diaphragm Check Valves - Socket

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|--------|
| 6562-007C | 3/4 | 15 | 0 | 004 | 136.46 |

Diaphragm Check Valves & PVC In-line Adjustable Spring Check Valves



Diaphragm Check Valves

CPVC Diaphragm Check Valves - Thread

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|--------|
| 6561-007C | 3/4 | 15 | 0 | 004 | 136.46 |

General Installation Information: Diaphragm Check Valves have "normally closed" operation with 1 - 1-1/2 psi opening pressure and can be mounted in any position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Flow velocity should not exceed 5 ft./sec.

Male Inlet x Female Outlet Option

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

Mipt x Fipt (Inlet x Outlet)

| | | | | | |
|----------|-----|----|-----|-----|-------|
| S1101-05 | 1/2 | 30 | 180 | 026 | 12.78 |
|----------|-----|----|-----|-----|-------|

Female Inlet x Female Outlet Option

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

Fipt x Fipt (Inlet x Outlet)

| | | | | | |
|----------|-----|----|-----|-----|-------|
| S1100-07 | 3/4 | 25 | 150 | 026 | 13.49 |
|----------|-----|----|-----|-----|-------|

PVC In-line Adjustable Spring Check Valves



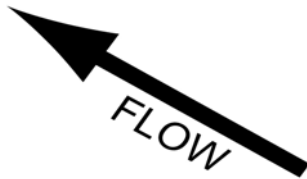
Fipt x Mipt



Mipt x Fipt



Fipt x Fipt



Pressure Rating @ 73°F (23°C), Water
200 psi

Maximum Service Temperature
PVC = 140°F (60°C)

Temperature/Pressure De-ratings Apply

2 - 14 lbs. Adjustable Spring Tension
(5 to 32 feet of head)

Factory Preset to Approx. 5 psi
(12 feet of head)

Each full turn of adjustment nut = 1 psi
(2.3 feet of head)

Stainless Steel Adjustment Hardware
EPDM Seat

Standard Unit - Female Inlet x Male Outlet

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

Fipt x Mipt (Inlet x Outlet)

| | | | | | |
|-------------|---------|----|-----|-----|-------|
| S1102-05 | 1/2 | 30 | 180 | 026 | 12.78 |
| S1102-07 | 3/4 | 25 | 150 | 026 | 13.06 |
| S1102-10 | 1 | 25 | 150 | 026 | 21.68 |
| S1102-05-07 | 1/2X3/4 | 25 | 150 | 026 | 18.64 |