



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 86.66 | S1580C25F 86.66 | S1580C25FSR 113.39 | 5 | 0 | 026 |
| 3 | S1580C30 90.24 | S1580C30F 90.24 | S1580C30FSR 179.55 | 4 | 0 | 026 |
| 4 | S1580C40 128.21 | S1580C40F 128.21 | S1580C40FSR 176.01 | 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 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 Spring Check (Spring Assisted Swing Check)

| Size | Socket | Thread | SR Thread | Std Pk | Mstr Pk | Prod Code |
|-------|--------------------|---------------------|-----------------------|--------|---------|-----------|
| 1/2 | S1780-05 45.97 | S1780-05F 45.97 | S1780-05FSR 48.88 | 20 | 0 | 026 |
| 3/4 | S1780-07 52.15 | S1780-07F 52.15 | S1780-07FSR 56.34 | 30 | 0 | 026 |
| 1 | S1780-10 54.35 | S1780-10F 54.35 | S1780-10FSR 60.13 | 18 | 0 | 026 |
| 1-1/4 | S1780-12 56.61 | S1780-12F 56.61 | S1780-12FSR 65.86 | 12 | 0 | 026 |
| 1-1/2 | S1780-15 60.31 | S1780-15F 60.31 | S1780-15FSR 76.25 | 10 | 0 | 026 |
| 2 | S1780-20 62.79 | S1780-20F 62.79 | S1780-20FSR 80.03 | 10 | 0 | 026 |
| 2-1/2 | S1780-25 112.06 | S1780-25F 112.06 | S1780-25FSR 138.77 | 2 | 0 | 026 |
| 3 | S1780-30 116.91 | S1780-30F 116.91 | S1780-30FSR 163.04 | 2 | 0 | 026 |
| 4 | S1780-40 165.88 | S1780-40F 165.88 | S1780-40FSR 213.73 | 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 47.42 | S1780C05F 47.42 | S1780C05FSR 50.34 | 20 | 0 | 026 |
| 3/4 | S1780C07 53.78 | S1780C07F 53.78 | S1780C07FSR 57.97 | 30 | 0 | 026 |
| 1 | S1780C10 56.02 | S1780C10F 56.02 | S1780C10FSR 61.85 | 18 | 0 | 026 |
| 1-1/4 | S1780C12 58.33 | S1780C12F 58.33 | S1780C12FSR 67.59 | 12 | 0 | 026 |
| 1-1/2 | S1780C15 61.85 | S1780C15F 61.85 | S1780C15FSR 78.12 | 10 | 0 | 026 |
| 2 | S1780C20 63.65 | S1780C20F 63.65 | S1780C20FSR 81.93 | 10 | 0 | 026 |
| 2-1/2 | S1780C25 115.54 | S1780C25F 115.54 | S1780C25FSR 142.31 | 2 | 0 | 026 |
| 3 | S1780C30 120.51 | S1780C30F 120.51 | S1780C30FSR 166.64 | 2 | 0 | 026 |
| 4 | S1780C40 171.03 | S1780C40F 171.03 | S1780C40FSR 218.87 | 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 | 93.78 |

PVC Diaphragm Check Valves - Thread

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|-------|
| 6561-007 | 3/4 | 15 | 0 | 004 | 93.78 |

CPVC Diaphragm Check Valves - Socket

| Part Number | Size | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|--------|
| 6562-007C | 3/4 | 15 | 0 | 004 | 123.16 |



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 | 123.16 |

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 | 11.53 |
|----------|-----|----|-----|-----|-------|

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 | 12.18 |
|----------|-----|----|-----|-----|-------|

PVC In-line Adjustable Spring Check Valves



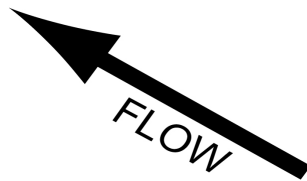
Fipt x Mipt



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 | 11.53 |
| S1102-07 | 3/4 | 25 | 150 | 026 | 11.79 |
| S1102-10 | 1 | 25 | 150 | 026 | 19.57 |
| S1102-05-07 | 1/2X3/4 | 25 | 150 | 026 | 16.82 |