

Drain, Waste & Vent (DWV) Product
Utility Backwater Valve



Utility Backwater Valve



Spears® Utility Backwater Valves feature an easily serviceable and replaceable Flapper Assembly with extendable access using standard piping components. Designed for direct solvent cement connection to ASTM D 2665 DWV drainage pipe or any other IPS size pipe. Spears® IPS x Sewer adapters easily convert valve to ASTM D 3034 SDR 35 Sewer Pipe. Backwater Valves conform to requirements of ASME/ANSI Utility Backwater

Valves are designed to prevent backflow in numerous applications where easy service access for maintenance and cleaning is needed. Excellent for use in sanitary or storm sewer drainage systems to prevent waste back up due to inadequate drainage, for balancing multi-level ponds, aquaculture features or storage tank systems, and many other applications. Spears® Utility Backwater Valve has been engineered for easier installation with included Extension Kit Adapter components for use with User-Supplied Schedule 40 or Class 125 Extension Riser pipe cut to desired length. Utility Backwater Valve package comes with 50 psi (115 feet of head) rated Extension Adapters. Optional Adapter Kits available in 100 psi (232 feet of head) rating. Can also use User-supplied equivalent adapter components.

- Replaceable internal flapper assembly.
- Extension Kit Adapter components allow easy use with assembly user supplied pipe cut to desired length.
- Direct Valve Connection to ASTM D 2665 PVC DWV or other IPS size pipe. Spears® IPS DWV x Sewer & Drain Adapter are available for connection to ASTM D 3034 & ASTM D 2729 Sewer pipe.
- Standard Valve Extension Adapters Pressure Rated to 50 psi (115 feet of head) @ 73°F (23°C) - Optional 100 psi Adapter (232 feet of head) available.
- Conforms to ASME/ANSI A112.14.1 for Backwater Valves.

| Part Number | Size | Std Pk | Plit Qty | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

Utility Backwater Valve w/Extension Adapters

Valve Package includes Body, Flapper Assembly and Extension Adapters (female thread & male thread plug) with 50 psi Extension Adapters Rating
100 psi Extension Adapter Available.



Requires User-Supplied 6" (for 4" valves) or 8" (for 6" valves) from Schedule 40 or Class 125 Riser Extension Pipe cut to desired length and 1" or 1-1/4" Internal Extension Pipe

| | | | | | |
|-------|---|---|----|-----|-------|
| SML-3 | 3 | 1 | 36 | 055 | 64.51 |
| SML-4 | 4 | 1 | 36 | 055 | 72.53 |
| SML-6 | 6 | 1 | 18 | 055 | 97.85 |

Utility Backwater Valve Only
Includes Valve Body & Flapper Assembly
Socket x Socket

Requires used of either 50 psi or 100 psi Extension Kit, or use of User-supplied equivalent components



| | | | | | |
|-----------|---|---|----|-----|-------|
| SML-3XP-A | 3 | 1 | 54 | 055 | 44.60 |
| SML-4XP-A | 4 | 1 | 54 | 055 | 49.13 |
| SML-6XP-A | 6 | 1 | 18 | 055 | 72.77 |

| Part Number | Size | Std Pk | Plit Qty | Prod Code | MSRP |
|-------------|------|--------|----------|-----------|------|
|-------------|------|--------|----------|-----------|------|

Utility Backwater Valve Extension Adapter Kit

Select 50 psi or 100 psi Kit

Kit includes Female Threaded Cleanout Adapter and Male Threaded Plug for use with User-Supplied 6" (for 4" valves) or 8" (for 6" valves) from Schedule 40 or Class 125 Riser Extension Pipe



Note: 50 psi Kits have DWV Cleanout Plugs, 100 psi kits have Schedule 40 Threaded Plugs. User-supplied equivalent components can also be used.

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|----------------|-----------------|---|-----|-----|-------|
| SML4XP-A-EK50 | 3" & 4" 50 psi | 1 | 105 | 055 | 37.44 |
| SML4XP-A-EK100 | 3" & 4" 100 psi | 1 | 105 | 055 | 77.21 |
| SML6XP-A-EK50 | 6" 50 psi | 3 | 90 | 055 | 52.51 |
| SML6XP-A-EK100 | 6" 100 psi | 3 | 90 | 055 | 96.37 |

Utility Backwater Valve Flapper Replacement Kit

Kit include Flapper Assembly For Repair or Replacement



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|--------------|---------|---|-----|-----|-------|
| SML4XP-A-FRK | 3" & 4" | 1 | 720 | 055 | 30.45 |
| SML6XP-A-FRK | 6 | 1 | 240 | 055 | 36.19 |

IPSX Sewer Adapter

IPS DWV Spigot x Sewer Hub



Adapts IPS DWV Valve Socket to Sewer Pipe

| | | | | | |
|---------------|---|----|------|-----|-------|
| P118-030 | 3 | 25 | 1800 | 051 | 5.89 |
| P118-040 | 4 | 10 | 1050 | 051 | 6.37 |
| 3729-06031IXS | 6 | 1 | 120 | 399 | 56.01 |

Industrial PVC Backwater Valves

Backwater Valves are designed to prevent backflow in numerous applications where easy service access for maintenance and cleaning is needed. Excellent for use in sanitary or storm sewer drainage systems to prevent waste back up due to inadequate drainage, for balancing multi-level ponds, aquaculture features or storage tank systems, and many other applications. Spears® Backwater Valve has been engineered for improved function and easier service, especially in buried service with use of optional Service-Access Extension available either preassembled with valve or as an add-on kit.

- Replaceable internal flapper assembly with EPDM Seat.
- Service-Access Extension available either preassembled with valve, as an add-on kit, or as valve & extension kit components with user supplied pipe.
- Direct Connection to ASTM D 2665 PVC DWV or other IPS size pipe. Spears® fabricated IPS x Sewer Adapters or DWV x Sewer & Drain Adapter Bushings are available for connection to ASTM D 3034 & ASTM D 2729 Sewer pipe.
- Pressure Rated to 43 psi (100 feet of head) @ 73°F (23°C).
- All extension kits can be cut shorter for custom application.
- Conforms to ASME/ANSI A112.14.1 for Backwater Valves.

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