

**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	Pltt Qty	Prod Code	MSRP
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**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	61.28
SML-4	4	1	36	055	68.90
SML-6	6	1	18	055	92.96

**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	42.37
SML-4XP-A	4	1	54	055	46.67
SML-6XP-A	6	1	18	055	69.13

Part Number	Size	Std Pk	Pltt Qty	Prod Code	MSRP
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**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.

SML4XP-A-EK50	3" & 4" 50 psi	1	105	055	35.57
SML4XP-A-EK100	3" & 4" 100 psi	1	105	055	73.35
SML6XP-A-EK50	6" 50 psi	3	90	055	49.88
SML6XP-A-EK100	6" 100 psi	3	90	055	91.55

**Utility Backwater Valve Flapper Replacement Kit**

**Kit include Flapper Assembly For Repair or Replacement**



SML4XP-A-FRK	3" & 4"	1	720	055	28.93
SML6XP-A-FRK	6	1	240	055	34.38

**IPSX Sewer Adapter**

**IPS DWV Spigot x Sewer Hub**



Adapts IPS DWV Valve Socket to Sewer Pipe

P118-030	3	25	1800	051	5.60
P118-040	4	10	1050	051	6.05
3729-06031IXS	6	1	120	399	53.21

**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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**Drain, Waste & Vent (DWV) Product**  
**Industrial PVC Backwater Valves**

**Industrial PVC Backwater Valves**

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**PVC Backwater Valves**



**Backwater Valves - Valve Only**

Part Number	Size	Std Pk	Pllt Qty	Prod Code	MSRP
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**Socket x Socket**

S275P	2	1	3840	055	62.16
S375P	3	2	210	055	62.28
S475P	4	1	54	055	69.00
S675P	6	1	30	055	293.96

**PVC Backwater Valves with Extension Kit to Premade Length**



**Backwater Valves with Extension Kit to Premade Length**

Part Number	Size	Std Pk	Pllt Qty	Prod Code	MSRP
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**Socket x Socket**

Assembled with Extension

S275P-120 <sup>1</sup>	2X12HT	1	98	055	187.49
S275P-160 <sup>1</sup>	2X16HT	1	98	055	201.67
S275P-200 <sup>1</sup>	2X20HT	1	98	055	215.84
S275P-240 <sup>1</sup>	2X24HT	1	98	055	230.03
S275P-360 <sup>1</sup>	2X36HT	1	98	055	241.60
S275P-480 <sup>1</sup>	2X48HT	1	98	055	265.53
S375P-120 <sup>1</sup>	3X12HT	1	36	055	187.49
S375P-160 <sup>1</sup>	3X16HT	1	15	055	201.67
S375P-200 <sup>1</sup>	3X20HT	1	15	055	215.84
S375P-240 <sup>1</sup>	3X24HT	1	15	055	230.03
S375P-360 <sup>1</sup>	3X36HT	1	15	055	241.60
S375P-480 <sup>1</sup>	3X48HT	1	15	055	265.53
S475P-120 <sup>1</sup>	4X12HT	1	18	055	243.54
S475P-160 <sup>1</sup>	4X16HT	1	12	055	262.73
S475P-200 <sup>1</sup>	4X20HT	1	30	055	280.21
S475P-240 <sup>1</sup>	4X24HT	1	30	055	298.79
S475P-360 <sup>1</sup>	4X36HT	9	9	055	313.80

**Backwater Valves with Extension Kit to Premade Length**

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Part Number	Size	Std Pk	Pllt Qty	Prod Code	MSRP
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**Socket x Socket**

S475P-480 <sup>1</sup>	4X48HT	1	30	055	344.84
S675P-120 <sup>1</sup>	6X12HT	1	30	055	511.39
S675P-160 <sup>1</sup>	6X16HT	1	30	055	551.73
S675P-200 <sup>1</sup>	6X20HT	1	30	055	588.44
S675P-240 <sup>1</sup>	6X24HT	1	30	055	627.54
S675P-360 <sup>1</sup>	6X36HT	1	30	055	658.99
S675P-480 <sup>1</sup>	6X48HT	1	1	055	724.16

<sup>1</sup> - Size designates nominal valve size x extension height (HT-top of valve to top of extension, inches)

**PVC Service-Access Extension Kit Only to Premade Length**



**PVC Service-Access Extension Kit:** includes factory assembled internal flap assembly, assembly extension pipe, and external extension housing with top access adapter. Requires solvent cement assembly to existing valve and uses existing threaded Access Plug. Standard Extensions are available in convenient increments of 12", 16", 20", 24", 36", and 48" (measured from top of valve to top of extension). Contact Spears® for pricing on custom cut lengths. All extension kits can be cut shorter in the field for custom fits prior to cementing access adapter in place.

**Service-Access Extension Kit Only to Premade Length**

Part Number	Size	Std Pk	Pllt Qty	Prod Code	MSRP
SAEK-020-120 <sup>1</sup>	2X12HT	1	65	055	58.47
SAEK-020-160 <sup>1</sup>	2X16HT	1	36	055	60.15
SAEK-020-200 <sup>1</sup>	2X20HT	1	5	055	61.74
SAEK-020-240 <sup>1</sup>	2X24HT	1	5	055	64.69
SAEK-020-360 <sup>1</sup>	2X36HT	1	5	055	67.76
SAEK-020-480 <sup>1</sup>	2X48HT	1	5	055	71.07
SAEK-030-120 <sup>1</sup>	3X12HT	1	65	055	63.41
SAEK-030-160 <sup>1</sup>	3X16HT	1	36	055	71.58
SAEK-030-200 <sup>1</sup>	3X20HT	1	8	055	75.83
SAEK-030-240 <sup>1</sup>	3X24HT	1	49	055	85.46
SAEK-030-360 <sup>1</sup>	3X36HT	1	30	055	101.09
SAEK-030-480 <sup>1</sup>	3X48HT	1	30	055	119.57
SAEK-040-120 <sup>1</sup>	4X12HT	1	36	055	180.59
SAEK-040-160 <sup>1</sup>	4X16HT	1	12	055	193.68
SAEK-040-200 <sup>1</sup>	4X20HT	1	12	055	213.89
SAEK-040-240 <sup>1</sup>	4X24HT	1	12	055	232.32
SAEK-040-360 <sup>1</sup>	4X36HT	1	12	055	297.31
SAEK-040-480 <sup>1</sup>	4X48HT	1	12	055	362.31
SAEK-060-120 <sup>1</sup>	6X12HT	1	4	055	265.02