

Thermoplastic Valves 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.

PVC Backwater Valves



PVC Backwater Valves Soc x Soc - Valve Only

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P	2	1	12	055	56.10
S375P	3	2	0	055	56.21
S475P	4	1	0	055	62.27
S675P	6	1	0	055	265.30

PVC Backwater Valves with Extension Kit to Premade Length



PVC Backwater Valves with Extension Kit to Premade Length Soc x Soc - Assembled with Extension

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P-120 ¹	2X12HT	1	0	055	169.21
S275P-160 ¹	2X16HT	1	0	055	182.01
S275P-200 ¹	2X20HT	1	0	055	194.80
S275P-240 ¹	2X24HT	1	0	055	207.60
S275P-360 ¹	2X36HT	1	0	055	218.04
S275P-480 ¹	2X48HT	1	0	055	239.64
S375P-120 ¹	3X12HT	1	0	055	169.21
S375P-160 ¹	3X16HT	1	0	055	182.01
S375P-200 ¹	3X20HT	1	0	055	194.80
S375P-240 ¹	3X24HT	1	0	055	207.60
S375P-360 ¹	3X36HT	1	0	055	218.04
S375P-480 ¹	3X48HT	1	0	055	239.64
S475P-120 ¹	4X12HT	1	0	055	219.79

PVC Backwater Valves with Extension Kit to Premade Length

Soc x Soc - Assembled with Extension (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S475P-160 ¹	4X16HT	1	0	055	237.11
S475P-200 ¹	4X20HT	1	0	055	252.89
S475P-240 ¹	4X24HT	1	0	055	269.66
S475P-360 ¹	4X36HT	1	0	055	283.20
S475P-480 ¹	4X48HT	1	0	055	311.22
S675P-120 ¹	6X12HT	1	0	055	461.53
S675P-160 ¹	6X16HT	1	0	055	497.93
S675P-200 ¹	6X20HT	1	0	055	531.07
S675P-240 ¹	6X24HT	1	0	055	566.35
S675P-360 ¹	6X36HT	1	0	055	594.74
S675P-480 ¹	6X48HT	1	0	055	653.55

¹ - 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.

PVC Service-Access Extension Kit Only to Premade Length

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
SAEK-020-120 ¹	2X12HT	1	0	055	52.77
SAEK-020-160 ¹	2X16HT	1	0	055	54.28
SAEK-020-200 ¹	2X20HT	1	0	055	55.72
SAEK-020-240 ¹	2X24HT	1	0	055	58.39
SAEK-020-360 ¹	2X36HT	1	0	055	61.15
SAEK-020-480 ¹	2X48HT	1	0	055	64.14
SAEK-030-120 ¹	3X12HT	1	0	055	57.23
SAEK-030-160 ¹	3X16HT	1	0	055	64.60
SAEK-030-200 ¹	3X20HT	1	0	055	68.44
SAEK-030-240 ¹	3X24HT	1	0	055	77.13
SAEK-030-360 ¹	3X36HT	1	0	055	91.24
SAEK-030-480 ¹	3X48HT	1	0	055	107.91
SAEK-040-120 ¹	4X12HT	1	0	055	85.34
SAEK-040-160 ¹	4X16HT	1	0	055	96.21
SAEK-040-200 ¹	4X20HT	1	0	055	118.67
SAEK-040-240 ¹	4X24HT	1	0	055	129.95

Made in the U.S.A.

NOT FOR DISTRIBUTION OF COMPRESSED AIR OR GAS
Progressive Products from Spears® Innovation and Technology

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Thermoplastic Valves 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).
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- Conforms to ASME/ANSI A112.14.1 for Backwater Valves.

PVC Backwater Valves



PVC Backwater Valves Soc x Soc - Valve Only

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P	2	1	12	055	56.10
S375P	3	2	0	055	56.21
S475P	4	1	0	055	62.27
S675P	6	1	0	055	265.30

PVC Backwater Valves with Extension Kit to Premade Length



PVC Backwater Valves with Extension Kit to Premade Length

Soc x Soc - Assembled with Extension

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S275P-120 ¹	2X12HT	1	0	055	169.21
S275P-160 ¹	2X16HT	1	0	055	182.01
S275P-200 ¹	2X20HT	1	0	055	194.80
S275P-240 ¹	2X24HT	1	0	055	207.60
S275P-360 ¹	2X36HT	1	0	055	218.04
S275P-480 ¹	2X48HT	1	0	055	239.64
S375P-120 ¹	3X12HT	1	0	055	169.21
S375P-160 ¹	3X16HT	1	0	055	182.01
S375P-200 ¹	3X20HT	1	0	055	194.80
S375P-240 ¹	3X24HT	1	0	055	207.60
S375P-360 ¹	3X36HT	1	0	055	218.04
S375P-480 ¹	3X48HT	1	0	055	239.64
S475P-120 ¹	4X12HT	1	0	055	219.79

PVC Backwater Valves with Extension Kit to Premade Length

Soc x Soc - Assembled with Extension (continued)

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
S475P-160 ¹	4X16HT	1	0	055	237.11
S475P-200 ¹	4X20HT	1	0	055	252.89
S475P-240 ¹	4X24HT	1	0	055	269.66
S475P-360 ¹	4X36HT	1	0	055	283.20
S475P-480 ¹	4X48HT	1	0	055	311.22
S675P-120 ¹	6X12HT	1	0	055	461.53
S675P-160 ¹	6X16HT	1	0	055	497.93
S675P-200 ¹	6X20HT	1	0	055	531.07
S675P-240 ¹	6X24HT	1	0	055	566.35
S675P-360 ¹	6X36HT	1	0	055	594.74
S675P-480 ¹	6X48HT	1	0	055	653.55

¹ - 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



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PVC Service-Access Extension Kit Only to Premade Length

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
SAEK-020-120 ¹	2X12HT	1	0	055	52.77
SAEK-020-160 ¹	2X16HT	1	0	055	54.28
SAEK-020-200 ¹	2X20HT	1	0	055	55.72
SAEK-020-240 ¹	2X24HT	1	0	055	58.39
SAEK-020-360 ¹	2X36HT	1	0	055	61.15
SAEK-020-480 ¹	2X48HT	1	0	055	64.14
SAEK-030-120 ¹	3X12HT	1	0	055	57.23
SAEK-030-160 ¹	3X16HT	1	0	055	64.60
SAEK-030-200 ¹	3X20HT	1	0	055	68.44
SAEK-030-240 ¹	3X24HT	1	0	055	77.13
SAEK-030-360 ¹	3X36HT	1	0	055	91.24
SAEK-030-480 ¹	3X48HT	1	0	055	107.91
SAEK-040-120 ¹	4X12HT	1	0	055	85.34
SAEK-040-160 ¹	4X16HT	1	0	055	96.21
SAEK-040-200 ¹	4X20HT	1	0	055	118.67
SAEK-040-240 ¹	4X24HT	1	0	055	129.95



DWV 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.

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- 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.

PVC Backwater Valves



PVC Backwater Valves Soc x Soc - Valve Only

Part Number	Size	Std Pk	Plit Qty	Disc Code	Price Each
S275P	2	1	3840	055	56.10
S375P	3	2	210	055	56.21
S475P	4	1	54	055	62.27
S675P	6	1	30	055	265.30

PVC Backwater Valves with Extension Kit to Premade Length

Soc x Soc - Assembled with Extension (continued)

Part Number	Size	Std Pk	Plit Qty	Disc Code	Price Each
S375P-480 ¹	3X48HT	1	15	055	239.64
S475P-120 ¹	4X12HT	1	18	055	219.79
S475P-160 ¹	4X16HT	1	12	055	237.11
S475P-200 ¹	4X20HT	1	30	055	252.89
S475P-240 ¹	4X24HT	1	30	055	269.66
S475P-360 ¹	4X36HT	1	30	055	283.20
S475P-480 ¹	4X48HT	1	30	055	311.22
S675P-120 ¹	6X12HT	1	30	055	461.53
S675P-160 ¹	6X16HT	1	30	055	497.93
S675P-200 ¹	6X20HT	1	30	055	531.07
S675P-240 ¹	6X24HT	1	30	055	566.35
S675P-360 ¹	6X36HT	1	30	055	594.74
S675P-480 ¹	6X48HT	1	1	055	653.55

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

PVC Backwater Valves with Extension Kit to Premade Length



PVC Backwater Valves with Extension Kit to Premade Length

Soc x Soc - Assembled with Extension

Part Number	Size	Std Pk	Plit Qty	Disc Code	Price Each
S275P-120 ¹	2X12HT	1	98	055	169.21
S275P-160 ¹	2X16HT	1	98	055	182.01
S275P-200 ¹	2X20HT	1	98	055	194.80
S275P-240 ¹	2X24HT	1	98	055	207.60
S275P-360 ¹	2X36HT	1	98	055	218.04
S275P-480 ¹	2X48HT	1	98	055	239.64
S375P-120 ¹	3X12HT	1	36	055	169.21
S375P-160 ¹	3X16HT	1	15	055	182.01
S375P-200 ¹	3X20HT	1	15	055	194.80
S375P-240 ¹	3X24HT	1	15	055	207.60
S375P-360 ¹	3X36HT	1	15	055	218.04

PVC Service-Access Extension Kit Only to Premade Length



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PVC Service-Access Extension Kit Only to Premade Length

Part Number	Size	Std Pk	Plit Qty	Disc Code	Price Each
SAEK-020-120 ¹	2X12HT	1	65	055	52.77
SAEK-020-160 ¹	2X16HT	1	36	055	54.28
SAEK-020-200 ¹	2X20HT	1	5	055	55.72
SAEK-020-240 ¹	2X24HT	1	5	055	58.39
SAEK-020-360 ¹	2X36HT	1	5	055	61.15
SAEK-020-480 ¹	2X48HT	1	5	055	64.14
SAEK-030-120 ¹	3X12HT	1	65	055	57.23
SAEK-030-160 ¹	3X16HT	1	36	055	64.60