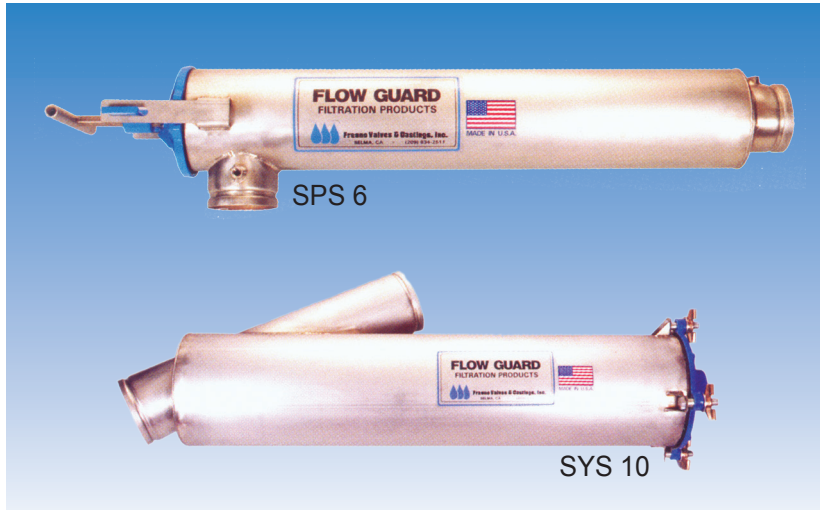


SERIES 1300 STAINLESS STEEL SCREEN FILTERS



FLOW-GUARD
 Filtration Products

Stainless Steel Screen Filters

- Durable 304 Stainless Steel Construction
- Efficient, Lightweight
- Easy Installation
- Proven Performance
- 100 to 3200 gpm
- 40 to 200 Mesh Screens

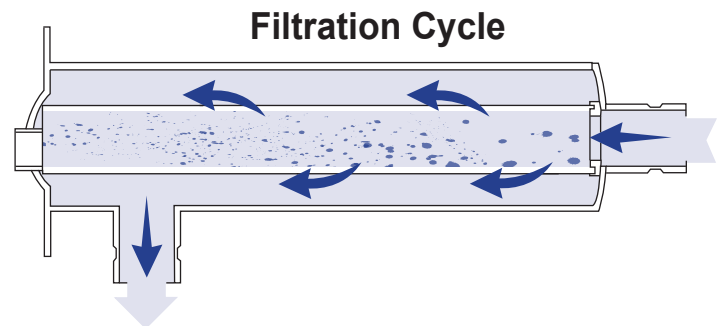
Stainless Steel Pressurized Screen Filters

Flow-Guard Screen Filters deliver excellent filtration of inorganic contaminants found in irrigation water. Models provide wide flow ranges, from 100 to 3200 gpm, and filtration grades from 40-200 mesh. All filters are shipped with a standard pipe coupling as the flush part. A flush valve may be easily installed but is not standard equipment. The inlet and outlet ports are grooved for acceptance of grooved couplers.

OPERATION

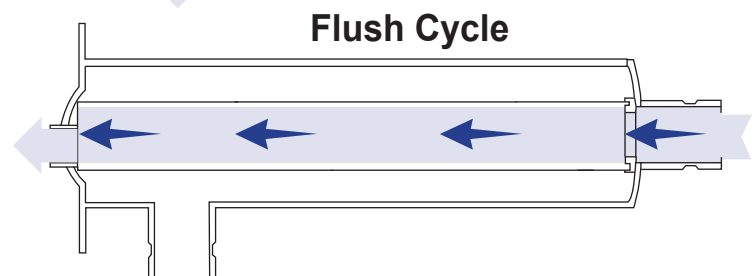
Filtration Cycle

Source water enters through the inlet port and is filtered through the screen assembly. Contaminates are captured on the inside of the screen surface. Filtered water passes through the screen and exits through the outlet port.



Flush Cycle

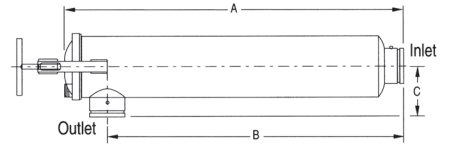
When the flush cycle is required, the flush valve is manually opened and the source water is allowed to rush through the screen at an accelerated rate. This process effectively flushes the contaminants from the screen leaving it ready for another filtration cycle.



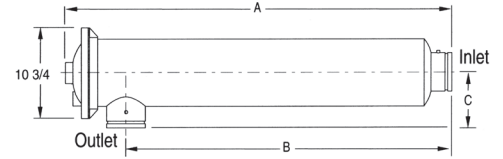
SPECIFICATIONS

SPS SERIES

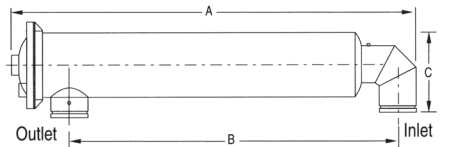
SPS 6



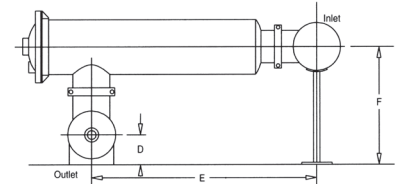
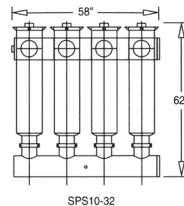
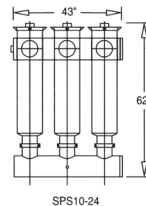
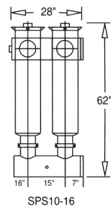
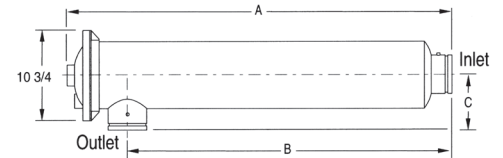
SPS 8



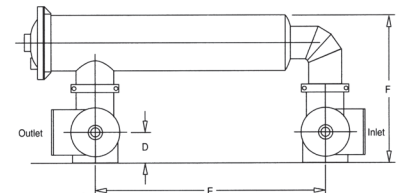
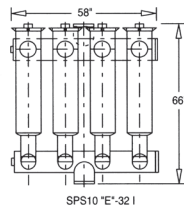
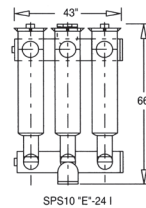
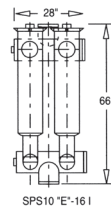
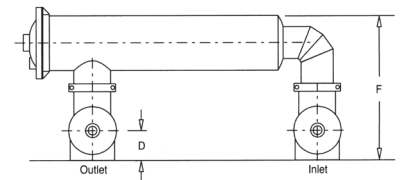
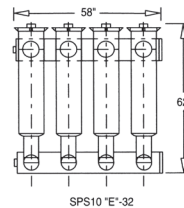
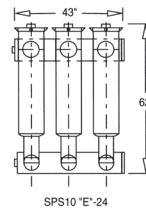
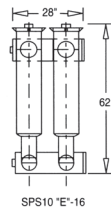
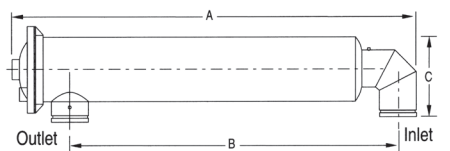
SPS 8E



SPS 10



SPS 10E



SPECIFICATIONS

SPS SERIES DIMENSIONS - STANDARD

Model Number	Standard									Weight (lbs)
	Max. GPM	Inlet Outlet	Flush Port	A	B	C	D	E	F	
SPS 6-1	100	2"	1 1/2"	31"	18"	5 3/4"	-	-	-	22
SPS 6-2	200	3"	1 1/2"	37"	24"	5 3/4"	-	-	-	25
SPS 6-3	300	4"	1 1/2"	49"	37"	5 3/4"	-	-	-	30
SPS 8	400	4"	3"	45"	38"	7 1/2"	-	-	-	56
SPS 8-E	400	4"	3"	49"	40"	12 1/16"	-	-	-	59
SPS 10	800	6"	3"	54"	39"	10 1/2"	-	-	-	75
SPS 10-16	1600	8"	3"	54"	39"	-	8"	48 1/2"	28"	316
SPS 10-24	2400	10"	3"	54"	39"	-	8"	49 1/2"	29"	474
SPS 10-32	3200	12"	3"	54"	39"	-	10"	50 1/2"	32"	632
SPS 10 E	800	6"	3"	60"	42"	15 7/8"	-	-	-	90
SPS 10 E-16	1600	8"	3"	60"	42"	-	8"	58"	33 3/8"	346
SPS 10 E-24	2400	10"	3"	60"	42"	-	8"	58"	34 3/8"	519
SPS 10 E-32	3200	12"	3"	60"	42"	-	10"	58"	37 3/8"	692
SPS 10 E-16 1	1600	8"	3"	60"	42"	-	8"	58"	33 3/8"	354
SPS 10 E-24 1	2400	10"	3"	60"	42"	-	8"	58"	34 3/8"	527
SPS 10 E-32 1	3200	12"	3"	60"	42"	-	10"	58"	37 3/8"	700

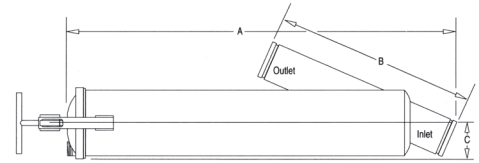
SPS SERIES DIMENSIONS - METRIC

Model Number	Metric									Weight (kg)
	Max. LPS	Inlet Outlet	Flush Port	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	
SPS 6-1	6.3	5.1 cm	3.8 cm	78.7	45.7	14.6	-	-	-	10
SPS 6-2	12.6	7.6 cm	3.8 cm	94.0	61.0	14.6	-	-	-	11
SPS 6-3	18.9	10.2 cm	3.8 cm	124.5	94.0	14.6	-	-	-	14
SPS 8	25.2	10.2 cm	7.6 cm	114.3	96.5	19.1	-	-	-	25
SPS 8-E	25.2	10.2 cm	7.6 cm	124.5	101.6	30.6	-	-	-	27
SPS 10	50.4	15.2 cm	7.6 cm	137.2	99.1	26.7	-	-	-	34
SPS 10-16	101	20.3 cm	7.6 cm	137.2	99.1	-	20.3	123.2	71.1	143
SPS 10-24	151	25.4 cm	7.6 cm	137.2	99.1	-	20.3	125.7	73.7	215
SPS 10-32	202	30.5 cm	7.6 cm	137.2	99.1	-	25.4	128.3	81.3	287
SPS 10 E	50.4	15.2 cm	7.6 cm	152.4	106.7	40.3	-	-	-	41
SPS 10 E-16	101	20.3 cm	7.6 cm	152.4	106.7	-	10.3	147.3	84.8	157
SPS 10 E-24	151	25.4 cm	7.6 cm	152.4	106.7	-	20.3	147.3	87.3	235
SPS 10 E-32	202	30.5 cm	7.6 cm	152.4	106.7	-	25.4	147.3	94.9	314
SPS 10 E-16 1	101	20.3 cm	7.6 cm	152.4	106.7	-	20.3	147.3	84.8	161
SPS 10 E-24 1	151	25.4 cm	7.6 cm	152.4	106.7	-	20.3	147.3	87.3	239
SPS 10 E-32 1	202	30.5 cm	7.6 cm	152.4	106.7	-	25.4	147.3	94.9	318

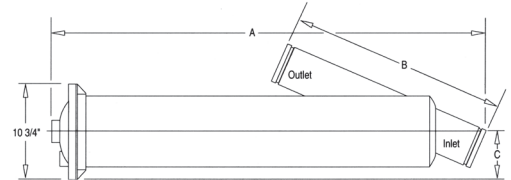
SPECIFICATIONS

SYS SERIES

SYS 6



SPS 10



OPTIONS

- 316 Stainless Steel
- Automatic Backflush
- 40-200 Mesh Screens
- Flanged Ends (adds 1/4" to Dimension B)

Standard							
Model Number	Max. GPM	Inlet Outlet	Flush Port	A	B	C	Weight (lbs)
SYS 6-1	100	2"	1 1/2"	23 1/2"	16"	5 3/4"	21
SYS 6-2	200	3"	1 1/2"	30"	19"	5 3/4"	26
SYS 6-3	300	4"	1 1/2"	43 1/2"	24"	5 3/4"	33
SYS 10-8	800	6"	3"	55 1/2"	29 1/2"	7 1/2"	65
SPS 10-12	1200	8"	3"	56 1/4"	29 1/2"	7 1/2"	68

Metric							
Model Number	Max. GPM	Inlet Outlet	Flush Port	A	B	C	Weight (kg)
SYS 6-1	6.3	5.1 cm	3.8 cm	59.7	40.6	14.6	10
SYS 6-2	12.6	7.6 cm	3.8 cm	76.2	48.3	14.6	12
SYS 6-3	18.9	10.2 cm	3.8 cm	110.5	61.0	14.6	15
SYS 10-8	50.4	15.2 cm	7.6 cm	141.0	74.9	19.1	30
SPS 10-12	75.7	20.3 cm	7.6 cm	142.9	74.9	19.1	31



Valves & Castings, Inc.

Specifications subject to change without notice.

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