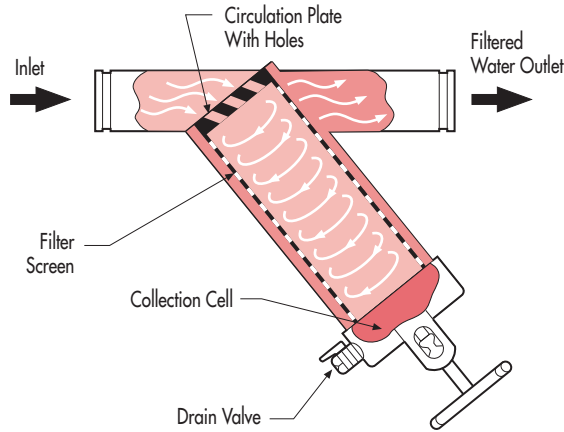




Circulating Screen Filters

Continuous Screen Flushing Reducing the Need for Manual Cleaning



Manual Circulating Screen Filter

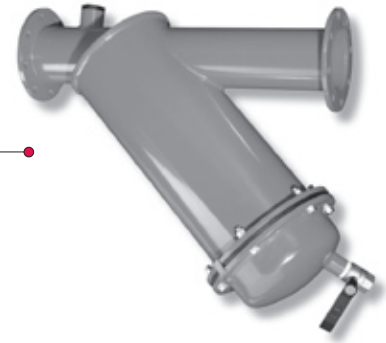
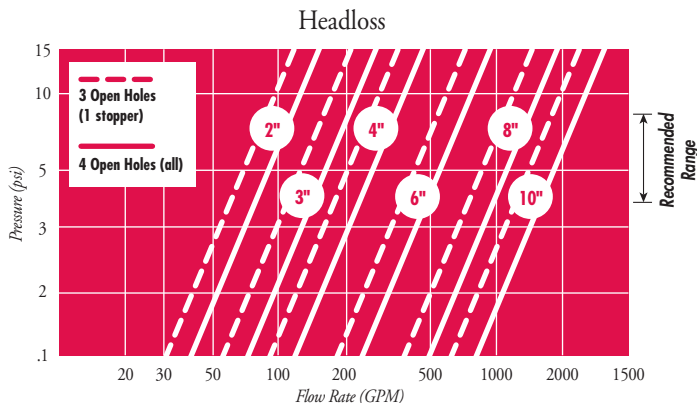
Description of Operation

A specially designed circulation plate (installed at the top of the screen) filters the water through six directional holes into the filter in a descending circular pattern. This continuous downward spiral flushes the screen and forces the debris to the collection cell (which can be drained during the filtration process) automatically, manually or continuously by a bleeder.

Product Advantages

- Maintains water flow without increased pressure loss.
- Automatically removes residue from screen during filtration.
- Reinforced stainless steel filtration screen.
- Adjusts to system's actual flow rate - for effective filtration and trouble-free operation.
- Constructed of 100 micron durable polyester protective coating, applied electrostatically and oven-cured on a zinc-phosphate layer for maximum anti-corrosion protection.
- Optional automatic flush valve and timer available.

CIRCULATING SCREEN FILTER



Applications

- For well water containing small quantities of sand (<3 ppm).

Specifications

Recommended head loss: 4.5 - 7.5 psi
 Maximum operating pressure: 120 psi
 Maximum pressure: 150 psi
 Circulation plate: 4 directional holes and rubber stoppers for precise flow rate adjustment
 End connections: flanged
 Screen mesh sizes: 080, 120, 150, 200

FLOW RATE AND SCREEN AREA

Size	Inlet/Outlet Diameters	Recommended Flow Rate (GPM)	Screen Area (sq. in.)
2"	2"	60 - 110	112
3"	3"	110 - 200	178
4"	4"	175 - 320	271
6"	6"	350 - 670	375
8"	8"	700 - 1300	755
10"	10"	1200 - 2100	1325



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Circulating Screen Filters Technical Information

2" HEAD LOSS AND FLOW RATE

Number of Open Holes	Head Loss (psi)			
	4	5	6	7
Flow Rate (GPM)				
3	60	65	75	85
4	75	85	100	110

← Recommended Range →

3" HEAD LOSS AND FLOW RATE

Number of Open Holes	Head Loss (psi)			
	4	5	6	7
Flow Rate (GPM)				
3	105	120	140	155
4	140	135	180	202

← Recommended Range →

4" HEAD LOSS AND FLOW RATE

Number of Open Holes	Head Loss (psi)			
	4	5	6	7
Flow Rate (GPM)				
3	175	200	230	260
4	230	260	300	336

← Recommended Range →

6" HEAD LOSS AND FLOW RATE

Number of Open Holes	Head Loss (psi)			
	4	5	6	7
Flow Rate (GPM)				
3	350	400	460	515
4	460	520	600	670

← Recommended Range →

8" HEAD LOSS AND FLOW RATE

Number of Open Holes	Head Loss (psi)			
	4	5	6	7
Flow Rate (GPM)				
3	760	850	930	1010
4	990	1110	1210	1310

← Recommended Range →

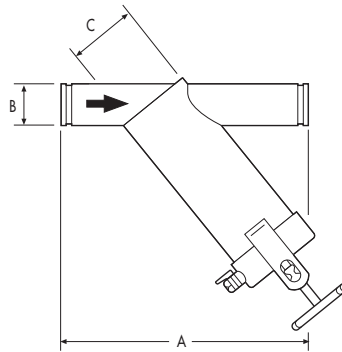
10" HEAD LOSS AND FLOW RATE

Number of Open Holes	Head Loss (psi)			
	4	5	6	7
Flow Rate (GPM)				
3	1270	1420	1550	1680
4	1650	1850	2020	2190

← Recommended Range →

DIMENSIONS AND WEIGHT

Size	A	B	C	Weight
2"	15 3/4"	2"	6"	38 lbs
3"	21"	3"	6"	64 lbs
4"	22"	4"	8"	78 lbs
6"	29 1/2"	6"	12"	123 lbs
8"	35 3/4"	8"	16"	231 lbs
10"	47 1/4"	10"	16"	264 lbs



PART NUMBERS

Size	Part Number
2"	22ASF2FL-XXX
3"	22ASF3FL-XXX
4"	22ASF4FL-XXX
6"	22ASF6FL-XXX
8"	22ASF8FL-XXX
10"	22ASF10FL-XXX

Substitute XXX with 080, 120, 150 or 200 mesh.

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