

CIRCULATING SCREEN FILTERS

CONTINUOUS SCREEN FLUSHING REDUCES MANUAL CLEANING



APPLICATIONS

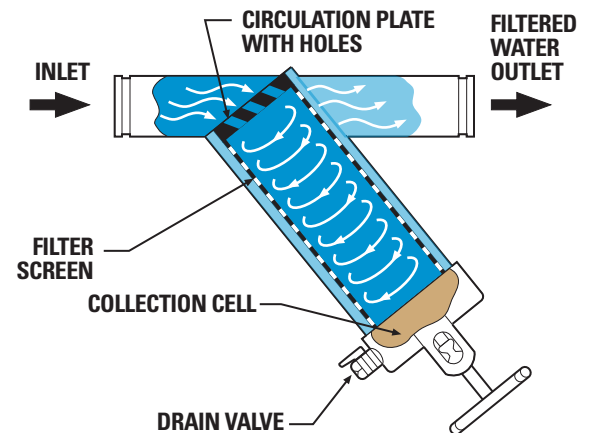
- Well water containing small quantities of sand - less than 3 ppm

SPECIFICATIONS

- Recommended Headloss: 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

PRODUCT ADVANTAGES

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



SPECIFICATIONS

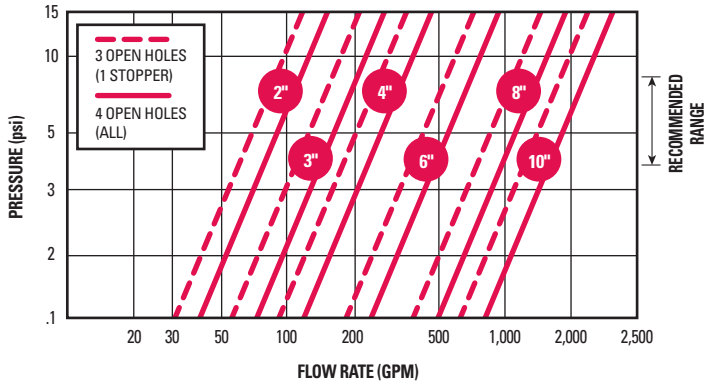
SIZE	INLET/OUTLET	SCREEN AREA	MAXIMUM FLOW
2"	2"	112 SQ. IN.	110 GPM
3"	3"	178 SQ. IN.	200 GPM
4"	4"	271 SQ. IN.	320 GPM
6"	6"	375 SQ. IN.	670 GPM
8"	8"	755 SQ. IN.	1,300 GPM
10"	10"	1,325 SQ. IN.	2,100 GPM

DESCRIPTION OF OPERATION - MANUAL CIRCULATING SCREEN FILTER

A specially designed circulation plate (installed at the top of the screen) filters the water through six (6) 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.

CIRCULATING SCREEN FILTERS

HEADLOSS (FLOW VS. PRESSURE)



HEADLOSS & FLOW RATE - 2"

# OF OPEN HOLES	HEADLOSS (psi)			
	4	5	6	7
FLOW RATE (GPM)				
3	60	65	75	85
4	75	85	100	110

← RECOMMENDED RANGE →

HEADLOSS & FLOW RATE - 3"

# OF OPEN HOLES	HEADLOSS (psi)			
	4	5	6	7
FLOW RATE (GPM)				
3	105	120	140	155
4	140	135	180	202

← RECOMMENDED RANGE →

HEADLOSS & FLOW RATE - 4"

# OF OPEN HOLES	HEADLOSS (psi)			
	4	5	6	7
FLOW RATE (GPM)				
3	175	200	230	260
4	230	260	300	336

← RECOMMENDED RANGE →

HEADLOSS & FLOW RATE - 6"

# OF OPEN HOLES	HEADLOSS (psi)			
	4	5	6	7
FLOW RATE (GPM)				
3	350	400	460	515
4	460	520	600	670

← RECOMMENDED RANGE →

HEADLOSS & FLOW RATE - 8"

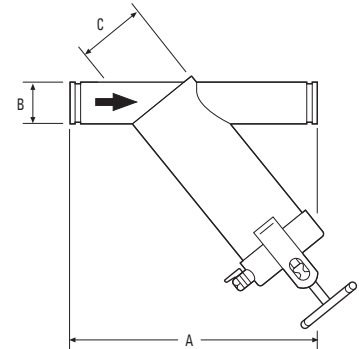
# OF OPEN HOLES	HEADLOSS (psi)			
	4	5	6	7
FLOW RATE (GPM)				
3	760	850	930	1,010
4	990	1,110	1,210	1,310

← RECOMMENDED RANGE →

HEADLOSS & FLOW RATE - 10"

# OF OPEN HOLES	HEADLOSS (psi)			
	4	5	6	7
FLOW RATE (GPM)				
3	1,270	1,420	1,550	1,680
4	1,650	1,850	2,020	2,190

← RECOMMENDED RANGE →



ORDERING INFORMATION

ITEM NUMBER	MODEL NUMBER	SIZE	MESH	FLOW RANGE (GPM)
70021-005500	22SF2FL-120	2"	120	60 - 110
70021-005550	22SF2FL-150	2"	150	60 - 110
70021-005700	22SF3FL-120	3"	120	110 - 200
70021-005750	22SF3FL-150	3"	150	110 - 200
70021-005850	22SF4FL-120	4"	120	175 - 320
70021-005900	22SF4FL-150	4"	150	175 - 320
70021-006100	22SF6FL-120	6"	120	350 - 670
70021-006150	22SF6FL-150	6"	150	350 - 670
70021-006250	22SF8FL-120	8"	120	700 - 1,300
70021-006270	22SF8FL-150	8"	150	700 - 1,300
70021-006450	22SF10FL-120	10"	120	1,200 - 2,100
70021-006500	22SF10FL-150	10"	150	1,200 - 2,100

DIMENSIONS & WEIGHT

SIZE	A	B	C	WEIGHT
2"	15.75"	2"	6"	38 LBS.
3"	21.00"	3"	6"	64 LBS.
4"	22.00"	4"	8"	78 LBS.
6"	29.50"	6"	12"	123 LBS.
8"	35.75"	8"	16"	231 LBS.
10"	47.25"	10"	16"	264 LBS.



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