

# CIRCULATING SCREEN FILTERS

## CONTINUOUS SCREEN FLUSHING REDUCES MANUAL CLEANING



### APPLICATIONS

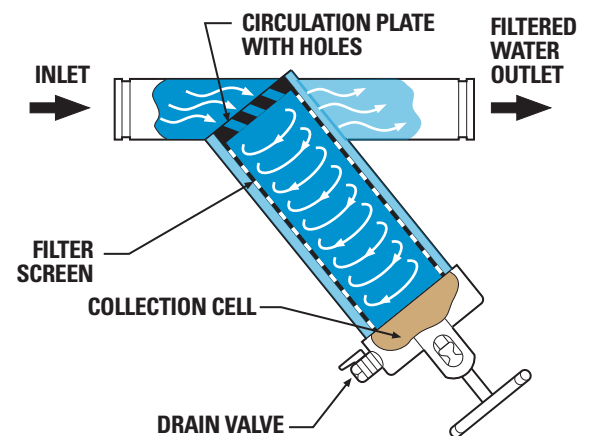
- Well water containing small quantities of sand - less than 3 ppm

### SPECIFICATIONS

- Recommended Headloss: 4.5 - 7.5 psi
- Maximum Operating Pressure: 120 psi
- Maximum Pressure: 150 psi
- Circulation Plate: 6 directional holes and rubber stoppers for precise flow rate adjustment for 2", 3", 4" and 6" sizes (4 directional holes for 8" size)
- 2", 3", 4" and 6" End Connections: Grooved
- 8" End Connections: Flanged
- Screen Mesh Sizes: 080, 120, 150, 200
- Screen Thickness: 0.9 mm

### 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.
- Filter element is a perforated PVC cylinder with a highly durable stainless steel screen and dome shaped sedimentation tank.
- Maximum anti-corrosion protection with a carbon steel epoxy coated filter body.
- Optional automatic flush valve and timer available.
- Large filtration area for maximum cleaning.



### DESCRIPTION OF OPERATION - MANUAL CIRCULATING SCREEN FILTER

The water enters the filter through a plate with four or six (4 or 6) angular holes, directing the flow in a circular pattern along the length of the filter element. The water flows through the element screen openings while solid particles are collected at the lower section of the filter. These particles can be easily removed by opening the drain valve for a short period of time.

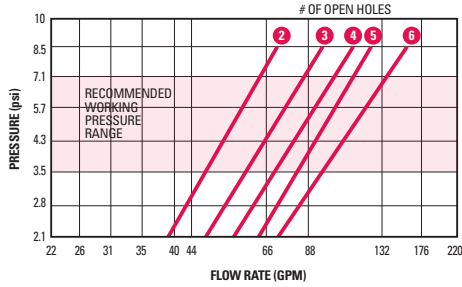
The filters are supplied with 4-6 plugs enabling the user to adjust the number of holes to suit the filtering flow rate.

### SPECIFICATIONS

SIZE	INLET/OUTLET	SCREEN AREA	MAXIMUM FLOW
2"	2"	205 SQ. IN.	128 GPM
3"	3"	269 SQ. IN.	172 GPM
4"	4"	376 SQ. IN.	308 GPM
6"	6"	756 SQ. IN.	968 GPM
8"	8"	1,520 SQ. IN.	1,300 GPM

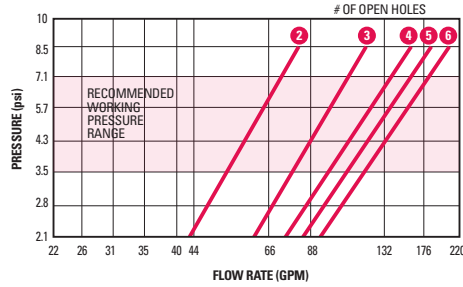
# CIRCULATING SCREEN FILTERS

**PRESSURE LOSS AT 120 MESH - 2" FILTER**



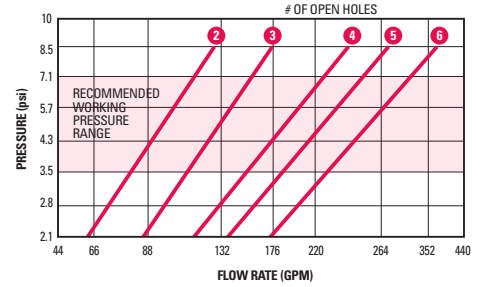
FLOW RATE (GPM) - 2"		
OPEN HOLES	3.5 PSI	7.1 PSI
2	48	70
3	62	88
4	70	97
5	79	114
6	97	128

**PRESSURE LOSS AT 120 MESH - 3" FILTER**



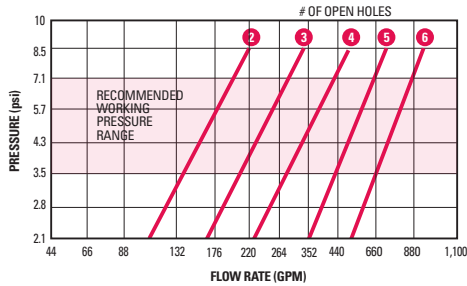
FLOW RATE (GPM) - 3"		
OPEN HOLES	3.5 PSI	7.1 PSI
2	53	75
3	75	114
4	97	136
5	110	154
6	123	172

**PRESSURE LOSS AT 120 MESH - 4" FILTER**



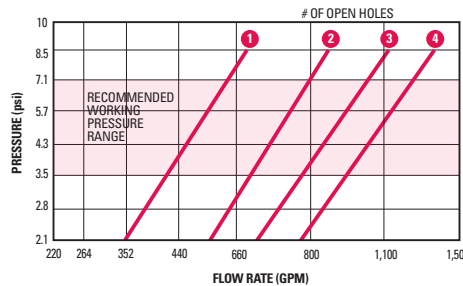
FLOW RATE (GPM) - 4"		
OPEN HOLES	3.5 PSI	7.1 PSI
2	75	114
3	110	154
4	150	216
5	180	255
6	216	308

**PRESSURE LOSS AT 120 MESH - 6" FILTER**



FLOW RATE (GPM) - 6"		
OPEN HOLES	3.5 PSI	7.1 PSI
2	141	198
3	198	299
4	286	418
5	431	616
6	616	968

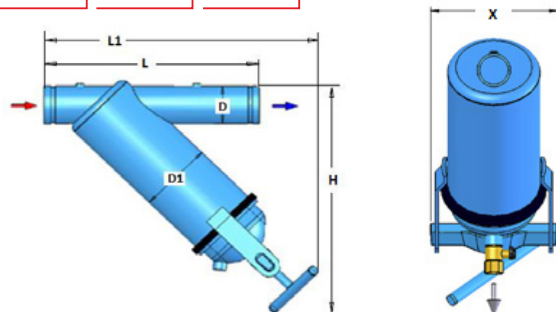
**PRESSURE LOSS AT 120 MESH - 8" FILTER**



FLOW RATE (GPM) - 8"		
OPEN HOLES	3.5 PSI	7.1 PSI
1	431	616
2	616	968
3	700	1,010
4	950	1,300

## ORDERING INFORMATION

MODEL NUMBER	SIZE	MESH	FLOW RANGE (GPM)
71CSF2GR-120	2"	120	48 - 128
71CSF2GR-150	2"	150	48 - 128
71CSF3GR-120	3"	120	53 - 172
71CSF3GR-150	3"	150	53 - 172
71CSF4GR-120	4"	120	75 - 308
71CSF4GR-150	4"	150	75 - 308
71CSF6GR-120	6"	120	141 - 968
71CSF6GR-150	6"	150	141 - 968
71CSF8FL-120	8"	120	431 - 1,300
71CSF8FL-150	8"	150	431 - 1,300



## DIMENSIONS & WEIGHT

SIZE	L	L1	H	D	D1	X	WEIGHT
2"	16.34"	21.97"	17.01"	2"	6"	9.05"	34 LBS.
3"	18.90"	24.63"	19.67"	3"	6"	9.05"	37 LBS.
4"	21.26"	27.68"	22.32"	4"	8"	11.72"	82 LBS.
6"	35.43"	38.76"	28.68"	6"	12"	16.22"	225 LBS.
8"	37.42"	46.92"	33.01"	8"	16"	17.99"	375 LBS.



**NETAFIM USA**  
 5470 E. HOME AVE.  
 FRESNO, CA 93727  
 CS 888 638 2346  
 www.netafimusa.com