

# Roto Metal Filter

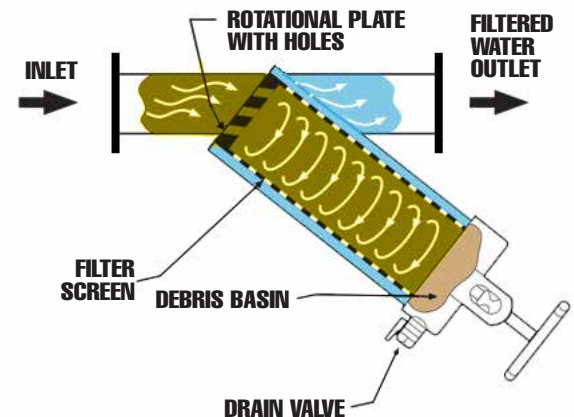
## Product Features

- 150 PSI working pressure.
- No moving parts.
- Rotary action keeps the screen clean during operation.
- Mesh sizes: 50, 80, 120 & 150 mesh.
- Bonded & layered screen is very durable for long life.
- Minimal friction loss of 5-8 PSI.
- Built in ports for a variety of uses.
- 7 step powder coating process ensures years of durability and prevents corrosion.
- One person ease of service to take apart and put back together.
- Comes standard with pressure reading system & flush valve.
- Available in 4" and 6" models



Mesh Colors

50
80
120
150



**Irritec USA Inc.**

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## Dimensions, Weights and Clearances



Model	A Inches	B Inches	D Inches	L Inches	H Inches
4"	22 41/64	22 15/64	6 5/8	12 63/64	18 7/64
6"	29 17/32	22 7/16	8 5/8	15 5/32	20 15/32

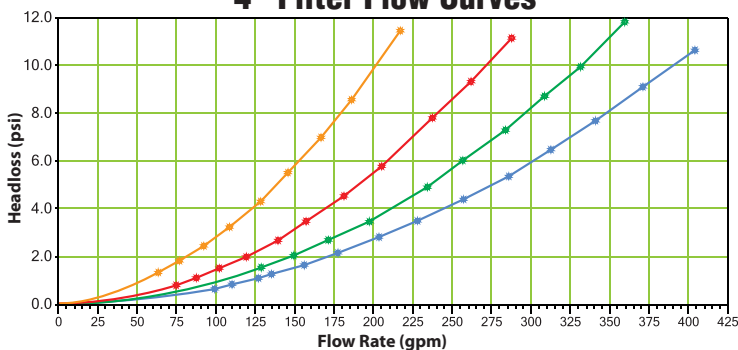
Model	Weight Lbs.	Shipping Wt. Lbs.	Box Dimensions (Inches)	Screen Length (Inches)	Screen Circumference (Inches)	Filtration Area (Inches)
4"	62	108	31 1/2"W x 23 1/2" D x 13 1/4" H	13	16 1/2	214 1/2
6"	100	153	31 1/2"W x 23 1/2" D x 13 1/4" H	17 3/4	19 3/4	350 1/2

### Recommended Flow Rates

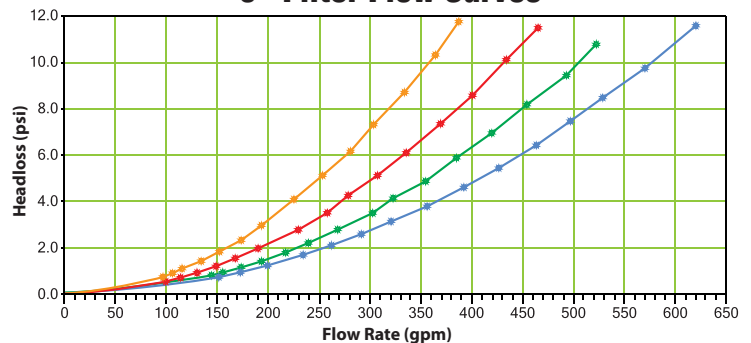
Model	Full Open Gpm	1 Hole Plugged Gpm	2 Holes Plugged Gpm	3 Holes Plugged Gpm
4"	275 - 345	235 - 295	190 - 240	135 - 180
6"	410 - 515	360 - 450	300 - 385	250 - 320

Note: Based on 5-8 psi loss across flow plate.

#### 4" Filter Flow Curves



#### 6" Filter Flow Curves



Rotational Flow Plate



Flow Plugs



Note: Alternate plugs in spin plate holes if possible to maximize roto spin velocity.

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