



Gray water, recycled water, reclaimed water, non-potable water—the sources of today’s water supplies are becoming more diverse. To ensure that both low-volume irrigation and high-tech landscape irrigation systems operate efficiently, it is now more important than ever to install the correct type and size of filter to protect the irrigation system.

That’s why DIG provides a complete range of professional-grade, high-performance disc and screen filters, all engineered to provide clean water from a variety of water supply sources, and to keep the irrigation systems operating efficiently year after year.

3/4" & 1" Plastic Filters with Screen Elements

Features

- All-purpose filter with a wide range of polyester and stainless-steel screens from 80 to 200 mesh to suit a wide range of filtration requirements
- Screens have excellent resistance to most common chemicals
- Color-coded replacement screens for easy identification
- Large filter area and low friction loss allow long intervals between cleaning
- Available with a flush cap or flush valve for easy flushing of particles trapped in the bottom of the filter
- Recommended to be installed and used after the control valve
- Easy maintenance – the screen can be extracted from the filter for easy cleaning
- Interchangeable screen and disc elements
- Constructed of UV-resistant, durable plastic material to withstand the most adverse conditions

Specifications

- Operating pressure: up to 120 PSI (8.3 BAR)
- Flow rates: up to 18 GPM (4 m³/h)
- Inlet and outlet size: 3/4" FHT x MHT and 3/4" or 1" MNPT
- Temperature range: up to 130°F (54°C)
- Stainless steel and polyester screens from 80 to 200 mesh

Materials

- Housing: polypropylene
- O-ring: EPDM
- Pressure testing port: polypropylene
- Pressure testing seals: natural rubber BR

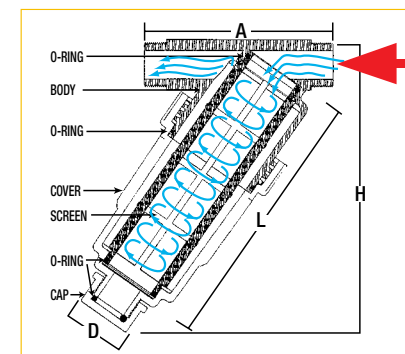
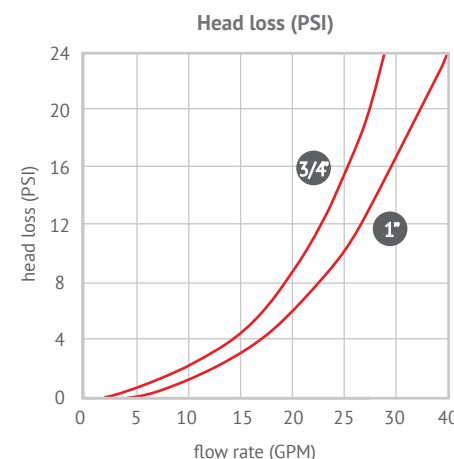


How to specify

Model	Description
P09-XXX	3/4" FHT x MHT w/poly screen & flush cap
P10-XXX	3/4" MNPT w/poly screen & flush cap
P11-XXX	3/4" MNPT w/SS screen & flush cap
P12-XXX	3/4" MNPT w/poly screen & flush valve
P13-XXX	3/4" MNPT w/SS screen & flush valve
P14-XXX	3/4" FHT x MHT w/SS screen & flush cap
P15-XXX	3/4" FHT x MHT w/SS screen & flush valve
P16-XXX	1" MNPT w/poly screen & flush cap
P17-XXX	1" MNPT w/SS screen & flush cap
P19-XXX	1" MNPT w/SS screen & flush valve

XXX = Filter mesh

example:	040-40 mesh
P10-XXX	080-80 mesh
↓ ↓ ↓	120-120 mesh
↓ ↓ ↓	155-155 mesh
P10-155	200-200 mesh



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3/4" & 1" Plastic Filters with Screen Elements

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1 1/2" & 2" Plastic Filters with Stainless-Steel Screens

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2" Heavy-Duty Plastic Screen Filter

28
3/4" – 2" Polyester & Stainless-Steel Filter Screen Elements

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3/4" & 1" Plastic Filters with Disc Elements

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1 1/2" & 2" Plastic Filters with Disc Elements

Dimension and weight

Size	A		B		C		D		WT lbs
	in	mm	in	mm	in	mm	in	mm	
3/4" with cap	4.71	120	1.5	38	6	152	7	177	.457
1" with cap	4.74	120	1.5	38	6	152	7	177	.457
3/4" w/flush valve	4.71	120	1.5	38	6	152	8	203	.489
1" w/flush valve	4.74	120	1.5	38	6	152	8	203	.489

Surface area & flow rate

Size		Filtration surface area		Maximum recommended flow rates	
in	mm	sq. in	cm ²	GPM	m ³ /h
3/4	20	14.9	96	13	3
1	25	14.9	96	18	5