

Heavy Duty Filter

2" Screen Filter



Heavy Duty 2" Screen Filter

DIG's heavy-duty 2" screen filter features a robust design with a large filtration area; it supports a high flow rate. It is available in inline or "T" angle and used for agriculture, turf, greenhouse and nursery applications.

Features

- Special locking ring enables easy opening of the filters without the use of tools.
- A wide range of filtration degrees for various applications
- Large filter area and low friction loss allows long intervals between cleaning
- Greater filtration capacity for effective protection of the irrigation system
- All-purpose filter with a wide range of stainless-steel screens from 80 to 180 microns to suit a wide range of filtration requirements
- Designed to reduce operating costs and deliver high quality filtrate in a minimum space
- Made of superior strength material for excellent mechanical strength and corrosion resistance for most common chemicals
- Easy maintenance – the screen can be extracted from the filter for cleaning
- Interchangeable screen with disc elements
- Access point on the inlet and outlet side for pressure measurement test
- Constructed of UV-resistant, durable plastic material to withstand the most adverse conditions



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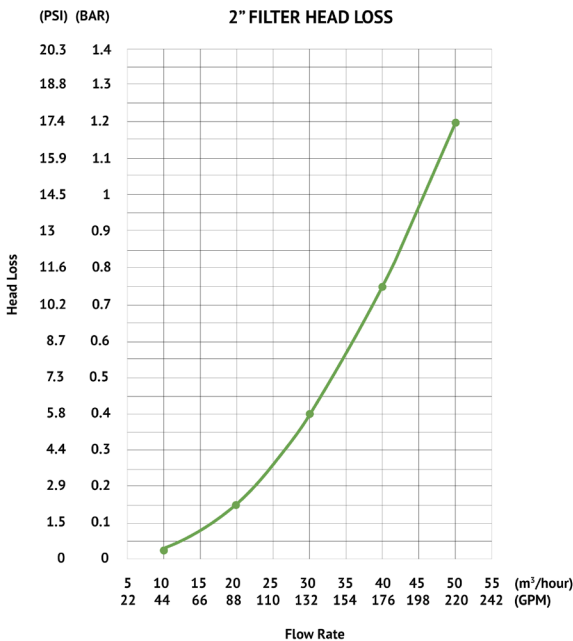
Applications

Primary, secondary or backup filtration for the protection of irrigation systems against clogging in agriculture, municipalities, greenhouses, nurseries, landscapes and turf.

Specifications

- Flow rates: up to 110 GPM (25 m³/h)
- Screen filtration area: 147 in² (950 m²)
- Operating pressure: up to 150 PSI (10 BAR)
- Temperature range: up to 140°F (60°C)
- Stainless steel screens from 120 to 200 mesh
- Horizontal, vertical inlet and vertical outlet
- Available with a manual drain valve located at the bottom of the filter and with two pressure testing ports
- Inlet and outlet size: 2" MNPT (50 mm)
- Filter weight: 10 lb (4.6 kg)
- Filter dimensions:
 - Thread to thread: 11" (28 cm)
 - Height of thread to bottom: 17.5" (45 cm)
 - T-filter: Height of thread to bottom: 22.8" (58 cm)

- Filter Materials:
 - Housing and cover: PP and GF
 - Locking ring: PA and GF
 - O-ring: EPDM
 - Screen spine: PP and stainless steel
 - Pressure testing port: polypropylene
 - Pressure testing seals: natural rubber BR



How to specify	
Model	Description
PN2MPT-200	2" in-line with 200-mesh stainless-steel screen
PN2MPT-155	2" in-line with 155-mesh stainless-steel screen
PN2TMPT-200	T with 200-mesh stainless-steel screen
PN2TMPT-155	T with 155-mesh stainless-steel screen
17-SSM-200	3/4" & 1", 80- to 200-mesh stainless-steel screens
17-SSM-155	3/4" & 1", 80- to 155-mesh disc screens