



PRODUCT DETAILS

The HYDRA1RAH 90-Micron Blue Self-Cleaning Filter with stainless steel mesh is a first-line capture system for coarse sediment. A backwashing procedure removes the trapped particles by reversing water flow through the filter element.

Made from atoxic materials, the filter is suitable for potable water applications. It is compatible with cartridges of different filtration ratings, and pressure gauges enable full monitoring of pressures. A wide variety of accessories is available, e.g. 50-micron pleated plastic mesh filter (807337).

APPLICATIONS

- Domestic – homes on municipal water supplies
- Rural – pre-filtration for rainwater and bore water
- Commercial – offices, retail, and light industrial facilities

SPECIFICATIONS

CARTRIDGE SIZE	6 ³ / ₄ "
HOUSING TYPE	Blue
FILTER BOWL MATERIAL	Polyethylene terephthalate (PET)
O-RINGS	EPDM
NOMINAL FILTRATION	90 micron
FILTER SCREEN – STAGE 1	Stainless steel mesh
FILTER CARTRIDGE – STAGE 2	N / A
FILTER CARTRIDGE – STAGE 3	N / A
MAX. FLOW RATE [LPM]	100 l/min
INLET / OUTLET	1" Polypropylene BSP
OPERATING PRESSURE	1.8 – 8 bar
WORKING TEMPERATURE	4 – 40°C

FEATURES & BENEFITS

- 90-micron pre-filtration for sediment reduction
- Self-cleaning filter with durable mesh screen cartridge
- Drain funnel incorporates backflow prevention device – flush to waste
- Ideal for high-flow, low-pressure-drop applications with higher sediment loads
- 2 pressure gauges included to provide indication when cleaning is required (recommended if $\Delta P \leq 1$ bar)
- Easy installation – bracket, housing spanner, and Lubrikit (O-ring lubricant) supplied
- Opaque blue housing blocks sunlight to help prevent growth of algae



DRAIN FUNNEL
 Back-flow preventing device
 UNI EN 1717-11/2002



HYDRA 50-MICRON RSH FILTER
 Alternative media
 807337



HYDRA 90-MICRON RLH FILTER
 Substitute cartridge
 807336



MAINTENANCE

Remove and clean the screen filter periodically with a soft brush.

Inspect the cartridge, bowl, seals, and drain assembly regularly, replacing components only if worn or damaged.