



SPECIFICATIONS

PRIMARY CARTRIDGE SIZE	6 3/4"
HOUSING TYPE	Clear / Clear / Clear
FILTER BOWL MATERIAL	Polyethylene terephthalate (PET)
O-RINGS	EPDM
NOMINAL FILTRATION	90 / 25 / 10 micron
FILTER SCREEN – STAGE 1	Stainless steel mesh
FILTER CARTRIDGE – STAGE 2	10" Polyspun STD
FILTER CARTRIDGE – STAGE 3	10" Carbon Block STD
MAX. CAPACITY	60,000L @ 7.6 l/min
INLET / OUTLET	1" Polypropylene BSP
OPERATING PRESSURE	1.8 – 8 bar
WORKING TEMPERATURE	4 – 40°C

PRODUCT DETAILS

The HYDRARAINMASTERTRIORAH1IN 90-Micron Clear Self-Cleaning Filter with odour-reducing carbon block is a multistage filtration system for rainwater recycling. A backwashing procedure removes the trapped particles by reversing water flow through the first filter element.

Unless used in conjunction with disinfection, the filter is not suitable for potable water. 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

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
- 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
- Sunlight block-out sleeve accessory (813559) available to prevent growth of algae; can be pulled down for filter inspection



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



HYDRA 50-MICRON RSH FILTER
Alternative media
807337



HYDRA SLEEVE STD
Accessory item
813559



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.