



PRODUCT DETAILS

The HYDRAM1BKMATIC 90-Micron Blue Self-Cleaning Filter with K-Matic automatic drain valve is designed to automate backwash and cleaning cycles. The backwashing process 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	10"
HOUSING TYPE	Blue
FILTER BOWL MATERIAL	Polyethylene terephthalate (PET)
O-RINGS	EPDM
NOMINAL FILTRATION	90 micron
FILTER SCREEN – STAGE 1	Stainless steel mesh
MAX. FLOW RATE [LPM]	63 l/min
INLET / OUTLET	1/2" Brass BSP
OPERATING PRESSURE	1.8 – 8 bar
WORKING TEMPERATURE	4 – 40°C
VALVE INGRESS PROTECTION	IP54 for outdoor use
VALVE KIT DIMENSIONS	Ø 80mm x 106mm deep

FEATURES & BENEFITS

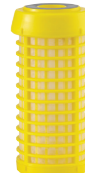
- 90-micron pre-filtration for sediment reduction
- Manual or automatic flushing modes up to 30 days
- Compact design with smart LED display
- 9V battery-operated – no wiring required; built-in safety stop to close drain if battery runs down
- Ideal for high-flow, low-pressure-drop applications
- Pressure gauges included for visual monitoring of filter condition (cleaning 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



K-MATIC FLUSH KIT
Automatic backwash valve (incl)
811069



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.