

K-Matic - The Most Efficient, Fully Automatic Flush Valve

Designed for the DP HYDRA and RAINMASTER Self-cleaning Filter Systems

Part Number: RA7120050 – K-Matic Auto Flush Valve Kit

The K-Matic automatic flush valve is part of the family of sustainable solutions offered by Atlas Filtri[®]. Uniquely designed to work with the DP HYDRA and RAINMASTER in the 2.5" housing size and 1/2" FPT drain connection, the battery-operated flush valve attaches to the bottom of the HYDRA or RAINMASTER units. It utilizes a 9-Volt battery that will last slightly more than one year.

The unit also accommodates the stem or plumbing code air-gap offered with the HYDRA for easy drain connection and assembly. This makes draining the housing quick and efficient without spillage. The flush rate through the unit is up to 20 gallons per minute depending upon inlet pressure and flow. Designed to handle a maximum pressure of 125psi at 113°F (45°C) maximum temperature.

The K-Matic can be set to flush every 12 or 24 hours, or every 7, 15, or 30 days depending upon sediment levels and water conditions. The flush timer can be set for manual, 10, or 20 second intervals. At 20 GPM and set at 10 seconds, 3 gallons of water will flush through the HYDRA and at 20 seconds, 6 gallons of water. There is a low battery indicator light, though we recommend 12-month change outs. If the battery fails, the unit will be in the closed position. The K-Matic is easy to program using the "Set Button" and "Up and Down" arrow buttons.

Atlas Filtri[®] is driven to providing our customer with the best available products to meet specific filtration requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and develop that result in new and innovative products.

Check out more about Atlas Filtri at www.atlasfiltri.com.



RA7120050



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Features

Performance:

- 20 gallons per minute flush
- Automatic cycle

Characteristics:

- Designed for residential filtration and well water applications
- Accommodates single standard 2.5" OD for HYDRA or RAINMASTER
- 1/2" NPT outlet fitting connection for the highest rated flow rate
- Easy push button programming

Specifications

Materials:

Valve Connection: reinforced polypropylene

Seal:

FDA Grade EPDM

Battery:

9-Volt

Working Conditions:

Working temperature range:

Min 39.2°F (4°C) – Max 113°F (45°C)



Drain
Connectors



HYDRA
1" NPT
Polypropylene

50-Micron
RA6000048



HYDRA
1" NPT
Polyester

90-Micron
RA6000034



HYDRA 1"
NPT
Stainless Steel

90-Micron
RA6000041



RAINMASTER
1" NPT
Duo - RA6096138
Trio - RA6095138



DP Housing 1" NPT
With Gauges
RA1380744



HYDRA Cover
AA0012023

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Atlas Filtri North America LLC

1068 North Farms Road, Building 3, Wallingford, CT 06492, USA
Office +1 (203) 284-0080 - Fax +1 (203) 294-9226
email: atlasfiltrinorthamerica@atlasfiltri.com