

# EVERPURE® CLARIS FLOWMETER EV4339-31

MONITORING SYSTEM FOR CLARIS FILTER CARTRIDGE SYSTEMS

Claris Flowmeter: EV4339-31



## APPLICATIONS

Vending  
Hotel  
Restaurant  
Cafe

## FEATURES • BENEFITS

The programming and display unit provides the following information:

- Residual capacity of installed filter cartridge
- Filtrate volume of the last five installed filter cartridges
- Operation time of the last five installed filter cartridges
- Total filtrate volume since Flow Sensor installation

The CLARIS Flow Sensor has been developed specifically to monitor the usage rate of the CLARIS water filter system and to determine the optimum cartridge replacement interval. After setting the programming unit to monitor the specific filter size, the Claris Flow Sensor continually measures the filtrate volume to calculate and display the remaining filtration capacity in liters. Once the available filtration capacity is exhausted or the maximum operation time has been reached the display unit indicates the filter cartridge replacement

## INSTALLATION TIPS

If mounting display to a wall, securely connect the display to the wall using suitable screws or mounting hardware

Shutoff valve must be installed upstream of the filter

Refer to Installation, Operation & Maintenance manual for flowmeter start up and programming

## OPERATION TIPS

Change Claris cartridge when its pre-calculated water volume has been reached or at least once per year

Change cartridges when capacity is reached

## SIZING

Operating pressure: 29 - 116 psi (2 - 8 bar)

Flow rate: 2.64 - 26.4 gph (10 - 100 Lph)

# EVERPURE® CLARIS FLOWMETER

## EV4339-31



### SPECIFICATIONS

#### SENSOR UNIT

**Overall Dimensions**  
3.15" H x 1.81" W x 1.69" D (8 x 4.5 x 4.2 cm)

**Inlet Connection**  
3/8" BSP F Nut

**Outlet Connection**  
3/8" BSP M

**Operating Pressure**  
29 - 116 psi (2 - 8 bar)

**Flow Rate**  
2.64 - 26.4 gph (10 - 100 Lph)

**Pressure Loss up to 26.4 gph (100 Lph) flow rate**  
3 psi (0.2 bar)

**Precision (horizontal installation)**  
±5%

**Water Temperature**  
39 - 86°F (4 - 30°C)

**Ambient Temperature**  
39 - 104°F (4 - 40°C)

**Installation Position**  
Horizontal recommended

#### PROGRAMMING AND DISPLAY UNIT

**Overall Dimensions**  
1.97" H x 2.95" W x 67" L  
(5 x 7.4 x 170.1 cm)

**Splash Proof**  
IPX4

**Display 5 Digits**  
Counter 99999 - 9999 gallons  
(Downwards 99999 - 9999 L)

**Cable**  
59" (1.5 meters)

The contaminants or other substances removed or reduced by this drinking water system are not necessarily in your water. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used with disinfected water that may contain filterable cysts.

### WARRANTY

Everpure Claris water treatment systems by Pentair® are covered by a limited warranty against defects in material and workmanship for a period of one year after date of purchase. Everpure replaceable elements (filter cartridges and water treatment cartridges) are covered by a limited warranty against defects in material and workmanship for a period of one year after date of purchase. See printed warranty for details. Pentair will provide a copy of the warranty upon request.



#### FILTRATION & PROCESSING SOLUTIONS

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