

Savant DigiFlow 6100R-44, LCD Display Multi-Filter Monitor, Liter model

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Features :

- Up to 5 filter capacity life monitor, up to 99500 liters
- End of filter life alert
- Battery operated, 2 AA batteries
- Low battery power alert
- Automatic data memorized when battery power is off



Application :

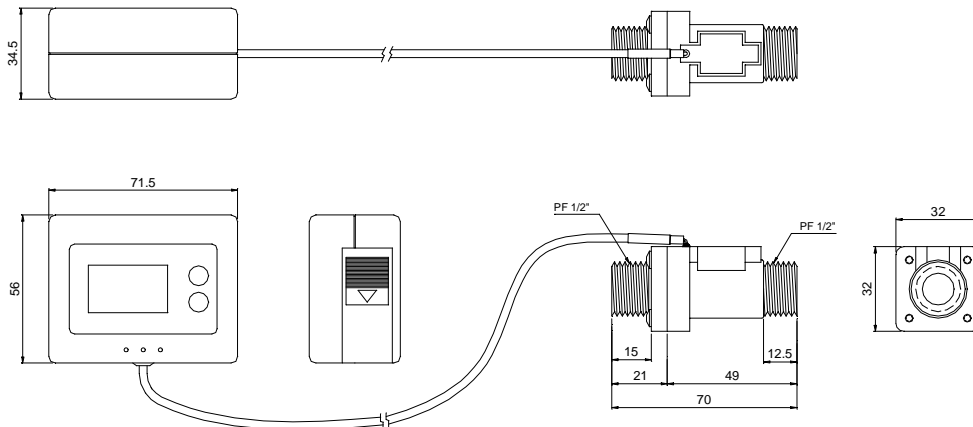
- ✓ Residential water treatment system
- ✓ Commercial water treatment system
- ✓ Water dispenser
- ✓ Water cooler

1.0 Electrical :

Operating Voltage : 3 DC Volts

Operating Current : 1.0 mA (work), 0.015 mA (sleep)

2.0 Mechanic :



3.0 Application :

Mounting Method : Vertical or Horizontal

Flowing Direction : One direction

Flow Rate : 1.5 – 25.0 liter/minute

Flow media : Water

4.0 General :

Temperature : 0 to 80 °C (no freezing)

Pressure : Max. 8.0 bar

Weight : 140 g

Accuracy : +/- 10 %

Connection : 1/2” BSP male

Materials : Sensor housing : PPS with 40% glass fiber

Turbine holder : Acetal Copolymer, TICONA M90

Turbine : Plastic magnet

Stick of turbine : ceramic

O-Ring : EPDM Rubber

5.0 Operation Guide

5.1 Install Batteries

Slide off the cover case of the battery room, and put into 2 AA alkaline batteries. Then slide the cover case back.

5.2 Connecting Fitting

The thread of the DigiFlow 6100R-44 is 1/2” BSP male.

5.3 Setting Filter Capacity

Keep pressing DISPLAY button, then press RESET button and then release both of the buttons. The DigiFlow 6100R-44 will go into programming procedure. The digit on the LCD blinks “FLT 1” four times, then blinks “ OFF” to notify you that the programming procedure is starting. Press DISPLAY button to choose the right capacity value. The sequence is OFF - 0 –500 – 1000 --- 99500 – OFF – 0 – 500. Then press RESET button to save the filter capacity value. Then the programming procedure goes to program the capacity of the second filter, and the LCD blinks “FLT 2”.. Follow the above to program up to five filters.

* If the value is chosen as “OFF”, the monitor function of the dedicated filter will be disabled. If no particular filter is programmed for capacity monitoring, the DigiFlow 6100R-44 will work as a flow totalizer.

5.4 Operating

The DigiFlow 6100R-44 automatically turns on when water flows through the sensor. It automatically turns off in 10 seconds when there is no water flowing. The default display of the DigiFlow 6100R-44 is the total flowing volume .

5.5 Check Filter Remaining Capacity

Pressing DISPLAY button displays the remaining capacity of each filter. The DigiFlow 6100R-44 blinks the remaining capacity of each programmed filter twice. For example, the “FLT 1” is displayed, then “ 988 ltr”, then “ FLT 2” After displays all of the remaining capacity of each filter, the DigiFlow 6100R-44 goes back to display the total flowing volume (default display).

5.6 End o Life Alert

When one or more of the remaining capacity reaches 0 liter, The DigiFlow 6100R-44 generates an audible alert, and display filter number, like “ FLT 2” to notify user to change the filter cartridge.

Pressing RESET button reset the remaining capacity to the original programmable value, and the alert status is released.

5.7 Low Battery Power Alert

When the battery power is lower than the normal working level, the DigiFlow 6100R-44 generates an audible alert and blink the empty battery symbol on the LCD to notify user to change the batteries. The alert is released when the batteries are replaced by new batteries.

All of the data is memorized on electronic device when the power is off. The data is restored when the power is on again.