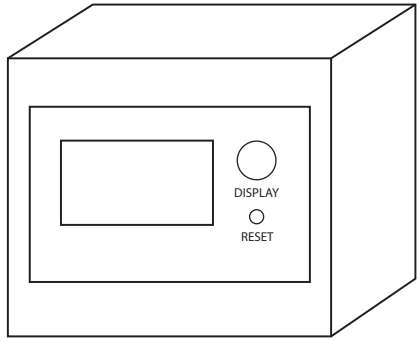
Puretec®
PERFECTING WATER



User Guide

PTE80

Water Filter Monitor

JAN2020

For correct operation & installation it is essential to observe these instructions.

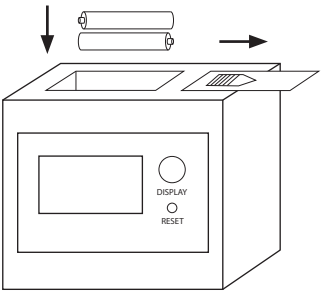
Introduction

Thank you for purchasing a Puretec PTE80 Water Filter Monitor. The Puretec PTE80 monitor combines a microprocessor and a paddlewheel / turbine flow sensor to provide exact measurement and monitoring of the water flow rate and volume. The filter monitor can be used with water filters, coolers and any water dispenser to help end users or service technicians measure water dispensed and monitor the filter life. This helps to ensure that the filter is functioning within the specified service life.

Setup

Install Batteries

Slide off the cover case of the battery compartment, and install (2x) AAA batteries. Then slide the cover case back.



General Operation

Once the batteries have been installed the display will briefly show the capacity countdown (factory set to 30,000 Ltr) and the the display will enter sleep mode. To view the three active screens (capacity, live flow rate and time) press the DISPLAY button and use this button to scroll through the different screens.

The PTE80 is factory set with a capacity of 30,000 Ltr and a time of 180 days.

The display will return to sleep mode 10 seconds after any activity, to reactivate the screen push the DISPLAY button.

Connecting Fitting

Fitting kit to suit 1/4" tube, 3/8" Tube & 3/8" female BSP.

Setting Capacity and Timing

Hold the **DISPLAY** button for two seconds, then press **RESET** button and release both of the buttons. The PTE80 will go into the setting procedure. The digits will flash to notify you that the setting procedure is on.

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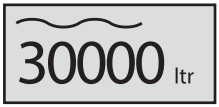
Setting Capacity



Press the **DISPLAY** button to choose the capacity. The sequence is OFF - 500 - 1000 - 1500 ...99000 - 99500 - OFF. Then press **RESET** botton to save the filter capacity value and move to the timing setting.

*The capacity mode will be disabled when you choose OFF.

Setting Time

Press **DISPLAY** button to scroll through the timing sequence. The sequence is 0 - 30 - 60 - 9 0...69 0 - 720 - OFF - 0 - 30; press **RESET** to save the timing and return to the normal operating screens.

*The capacity mode will be disabled when you choose OFF.
*The setting procedure will be terminated, and go back to the normal operating screens if there is no input for 10 seconds.

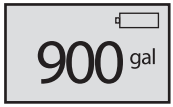
Alarm

Warning Alarm
When capacity is lower than 100 Litres or timing is lower than 7 days, the buzzer will beep once and the digit will flash to notify you to prepare to change the filter cartridge.

Filter Change Alarm
When capacity reaches 0 Litres or timing reaches 0 day, the buzzer will beep and the digit will flash to notify you to change the filter. The alarm will automatically sleep after 10 minutes and if not reset will continue to alarm when there is water usage until the monitor is reset.

Reset Button
Press **RESET** button to reset the setting to the programmed capacity and time.

Low Battery Power Alert
When the battery power is lower than the normal working level, the buzzer will beep twice to notify you to change the battery. The programmed settings will be kept in the memory when the battery power fails or the batteries are removed.



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