

Feature

- Memory capacity up to 2,000 records
- Anti-freeze media correction
- Project measuring with the possibility of export and transfer projects via email
- AAA battery type
- Ergonomic device case
- Interface to sensor through smart device
- Dedicated app for iOS/Android
- Simple valve detection by valve image
- 24-bit pressure sensor
- IP65 cover



Description

T650RWV uses an integrated pressure differential sensor for an exact measuring of static pressure, while also displaying REAL time GPM in Hydronic System through the app. Flow rate in Hydronic System can be calculated by using any of the pre-programmed Cv values, for known product lines. Any other valve Cv can be manually selected.

Specification

Nominal pressure range (psi / kPa)	145 / 1,000
Maximum overpressure	120% of nominal range
Linearity and hysteresis error	0.15% of NR
Temperature error	0.25 % of NR
Media temperature (°F / °C)	20 to 200 / -5 to 90
Operating temperature (°F / °C)	20 to 120 / -5 to 50
Storage temperature (°F / °C)	40 to 120 / +5 to 50
Power	AAA battery or NiMH rechargeable batteries
Power consumption	20 mA Bluetooth use
Number of records	Max. 2,000
Number of valve manufacturers	Unlimited
Number of valves	Unlimited
Cover	IP65
Calibration validity	24 months
Dimension W x H x D (inch / mm)	5.51 x 2.95 x 1.85 / 140 x 75 x 47
Weight (lbs / g)	0.92 / 440
Wireless data transfer	Bluetooth Low Energy 5.0



Usage

1. Connect the hoses to the valve and to the sensor.
2. Turn on T650RWV, open the app on the smart device, click on MEASURE button, select T650RWV to connect it and then follow instructions to perform zeroing of the sensor.
3. Press VALVE button, select RWV from the list of valve manufacturers, and press OK button. Select the valve model and size, and press OK button. A picture of the valve model selected will be shown on the display for confirmation.
 - * In addition, for Variable Orifice valves, press PRESET button, input the current valve setting shown on the valve handwheel, and press OK button.
4. Read the flow rate and the differential pressure on the app display.