

Ultrasonic Flow Meter Cut Sheet



Easy to use, no pipe cuts, Ideal for Domestic Water/Cooling and BTU measurement giving outputs of BTU, Joules, Kwh and more. Easy communication with ModBUS RTU as well as 4-20 and Frequency. Features LARGE LCD display, shows the Instantaneous Flow Rate, Total Flow, in user selectable units. One of the first Ultrasonic flow meters with data logger. Both 24 VDC and universal AC power capability

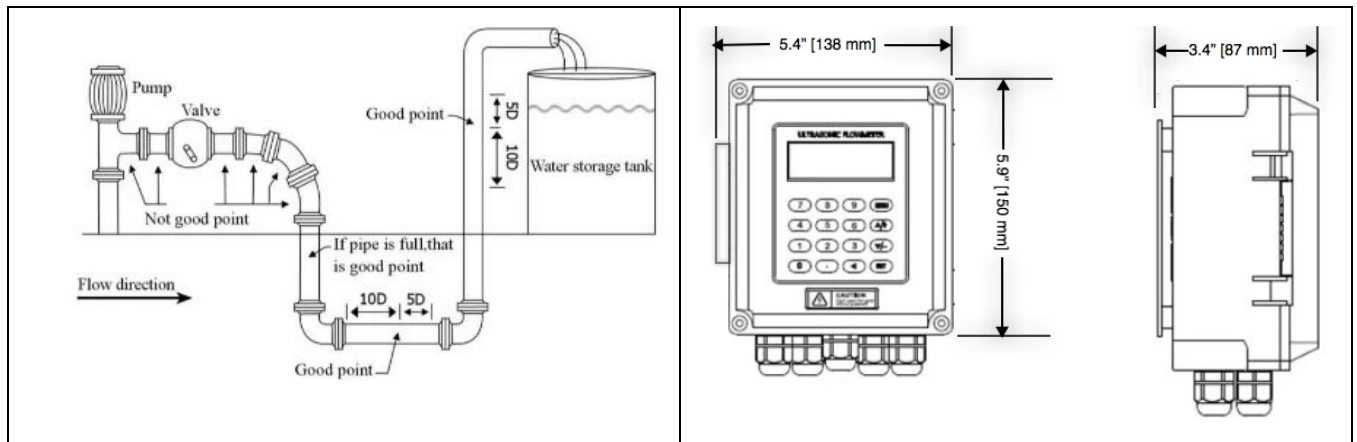
Specifications.

- Medium: Any acoustically conductive fluid with less than 5% air bubbles or solids
- Pipe size: 1/4" to 240"
- Flow rate: Supports velocities up to 40 f/s or 12 m/s
- Temperature: - 20 - 110 °C
- Transducer material: Aluminum and 304 SS
- Cable length: 15'
- Accuracy: ±1% from 0.15 to 40 f/s (0.05 to 12 m/s)
- Resolution: 0.01 ft/s (0.00025 m/s)
- Response time: 150 ms measuring cycle typical
- Transducer Frequency: 1 MHz
- Clamp-on transducers: encapsulated design IP68
- Enclosure Grade: IP65

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- Display LCD Screen
- Power Supply: Set up to use either 24VDC or a 86-240 VAC Universal Power Supply. Only one at a time. Consumes 500 mA max
- Output: 4-20mA + 0-10K Hz + Standard ModBus RTU Communication protocol
- Ultrasonic flow meter with data logger
- Note: For 1 to 5 VDC output, add 250 Ohm resistor to 4 to 20 mA loop

Flow guidelines and electronics dimensions:



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