



Features and Benefits

- ⇒ Meets or Exceeds AWWA C701 Standard
- ⇒ Tamper Resistant
- ⇒ High Quality Aluminum Construction
- ⇒ Inlet Strainer is Built into Swivel
- ⇒ Rated to 140°F
- ⇒ Large Easy to Read Numbers
- ⇒ Tempered Glass Resists Scratching
- ⇒ Hermetically Sealed Register
- ⇒ Stainless Steel Carrying Handles
- ⇒ Light Weight

Application BluTower's Fire Hydrant Meter is used for measuring potable cold water up to 140°F (60°C) and working pressures up to 150 psi. It can be used in temporary metering of well pumping, irrigation or on construction sites where water flows in one direction only.

Operation Water flows through the meter causing the rotor to turn proportionately to the quantity of water flowing through it. A drive magnet transmits the motion of the rotor to a driven magnet located within the register which in turn translates the rotations into a totalized volume that is displayed on the register dial face.

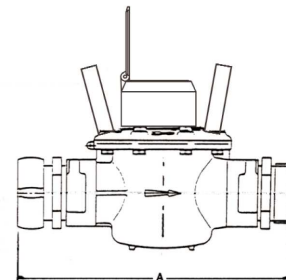
Main Case The main casing is cast in aluminum and then epoxy coated with raised characters showing the size and direction of flow.

Installation The meter must be installed in a clean pipeline, free from any foreign materials. Install the meter with the direction of flow as indicated by the arrow cast in the meter case. The meter may be installed in horizontal or inclined position. It is recommended that a gate valve be located downstream to control flows.

Connector Bronze National Standard Fire Hose Couplings are available upon request. These connectors are 3" Male iron Pipe x 2.5" Fire Hydrant Thread and a 3" Male Iron Pipe x 2.5" Swivel.

Servicing BluTower meters are designed and manufactured to provide long-term service with minimal maintenance. If maintenance is necessary the measuring element can be removed from the main case.

Dimensions



Flow Rates (GPM)	Maximum Flow	500
	Optimum Operating Range	3-350
	Low Flow	2 ½
	Max. Flow Rate Intermittent	600

Weight: 24 lbs
 Length: 14 inches
 (With Couplings)