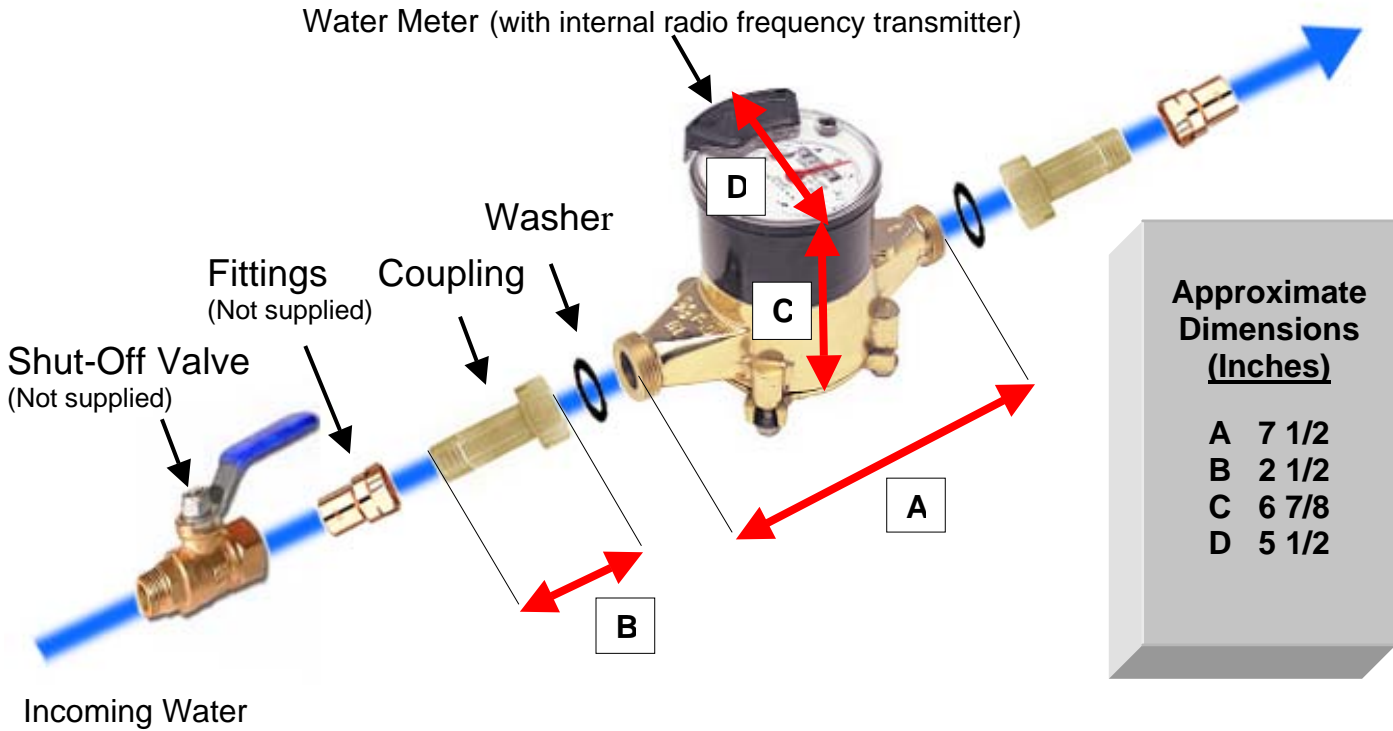


Guardian Water & Power®, Inc.

Meter Installation Diagram (5/8"x3/4")



Meter Kits Include:

Meters with built in transmitters
Couplings
Washers
Data Collector & Communicator
Repeaters

Fittings and shut-off valves not included

Guardian Water & Power[®], Inc.

Cold Water Meter Installation Instructions

1. Ensure Proper Line Separation

- Each dwelling unit should have a single shut-off valve controlling water flow to all fixtures. Valve is typically located in utility closet, near hot water tank, in basement or above dropped ceiling if commercial property.
- Slowly turn valve to off position. Older valves may break if over tightened.
- With valve off, check all fixtures within the unit and observe that water flow is stopped. Conversely, spot check fixtures in other units within the building to make sure water is flowing in these units. This helps ensure no crossed lines.

2. Install Meter

- Meter to be installed downstream from unit shut-off valve and before first branch point.
- Note direction of flow arrow on either side of meter at the bottom. Meter to be installed with flow arrow pointing downstream.
- Meter to be installed in a horizontal or inclined position with meter head facing up. Any other installation may void the manufacturer's warranty.
- Thoroughly tighten meter couplings.

3. Meter Check

- With meter installed and shut-off valve closed, open a downstream faucet.
- Gradually open shut-off valve to allow water to pass through the meter until shut-off is fully opened.
- Observe that the register's sweep hand (clock-like face on meter head) is turning clockwise in response to water throughput.
- Observe that the lowest value totalizer wheel (from odometer read-out on meter head) advances one (1) number for each complete turn of sweep hand.
- It is typical for air to become trapped in the water line during meter installation. When valve is turned on, air should be immediately expelled through open faucet. When air is expelled, close faucet.
- Check all connections for leaks.
- With all faucets in unit off, observe low-flow detector (red triangle on meter head) to identify any downstream piping leaks. Low flow detector will turn clockwise if leaks are present.