



## Installation Instructions for Cambridge Brass Check Valves

1. Cambridge Brass check valves, angled or straight, are designed for installation on the outlet side of the water meter. The integral meter coupling nut (or Flange) is attached to the meter and serves as a union fitting for easy removal of the check from the service line.
2. It is recommended that a strainer be installed on the upstream side of the check valve. So no foreign particles can interrupt the internal check valve components.
3. Be careful when using thread sealants during installation; sealants may damage the internal parts of the check valve.
4. Ensure that the direction of the flow arrow on the check valve matches the water flow direction in the system. When using a wrench to tighten check valve, wrench must only be used on flats provided. If not damage to the check valve might occur.
5. Install check valve in an accessible location with ample clearance so inspection and maintenance of the check valve can be easily accomplished.

**Note:** Check valves are mechanical devices that are subject to fouling, wear and mineral deposits. Inspection and maintenance are critical for continued operation.

6. Install the check valve in an area safe from freezing.

**Note:** Thermal water expansion in the water heater can cause excessive pressure to build within a closed system (when a check valve is installed). Appropriate pressure relief valves or expansion tank systems should be installed at or near the water heater.