

174 Pre-Installation Checklist

Thank you for being a Culligan Quench customer! We are excited for your workplace to experience the flavorful coffee from your new 174. Before our certified technician can install your machine, the following pre-installation requirements must be completed.

Water Supply

- Cold potable water supply
- Minimum water pressure 40 PSI
- Maximum water pressure 60 PSI
 - Plumbing water supply connection with angle stop valve 3/8" O.D. compression outlet
 - Any water line or valve less than 1/4" is not acceptable
- Plumbing water shut-off must be in good working condition.

Electrical

- Culligan Quench recommends a dedicated 120 VAC/60Hz/15 amp (standard 3-prong) electrical circuit
- Must be within 2.5' of machine location; **NO EXTENSION CORDS**

Placement

- Requires 14" w x 20" d countertop space and at least 20" height on top of the countertop (including ventilation recommendations)
 - Some sites may require the filtration system to be installed in the under counter space.

If you have any questions about the installation, call Customer Care at 888-554-2782



Check out our Informational Installation video for more details: <https://vimeo.com/675531080>

Culligan Quench Installation Standards

Culligan Quench machines are expertly installed by a team of more than 200+ of our own Culligan Quench-trained technicians located across the U.S. Culligan Quench technicians follow industry best practices for all of our water cooler, ice machine, coffee brewer, and filtration system installations, and benefit from ongoing training provided by our technical education team and manufacturing partners. Culligan Quench installations include:

1. Water Quality Testing:

Culligan Quench will test your water supply for Total Dissolved Solids (TDS), the measurement of small organic and inorganic particles in the water. If the TDS level is over 250 ppm (parts per million) Culligan Quench generally recommends reverse osmosis (RO) filtration.

The water pressure at the source will also be tested. If the pressure is more than 60 psi (pounds per square inch), the technician will install a pressure regulator (at no extra charge) to ensure that the water has sufficient contact time inside the filter.

2. Identification of Appropriate Water and Electrical Sources:

Our technician will identify a potable water source, like a sink, a water supply line that feeds a hot water heater, or water line in your ceiling that is within 200 feet of the Culligan Quench machine. Culligan Quench does not tap into sprinkler or H/VAC lines. Culligan Quench machines must be installed within 6 feet of an electrical outlet.

3. Installation of Water Line from Source to Machine Location:

Culligan Quench uses high quality, food-grade tubing, either black polyethylene or polypropylene. Some communities' local plumbing codes may require the use of copper tubing, which Culligan Quench will provide at no extra charge.

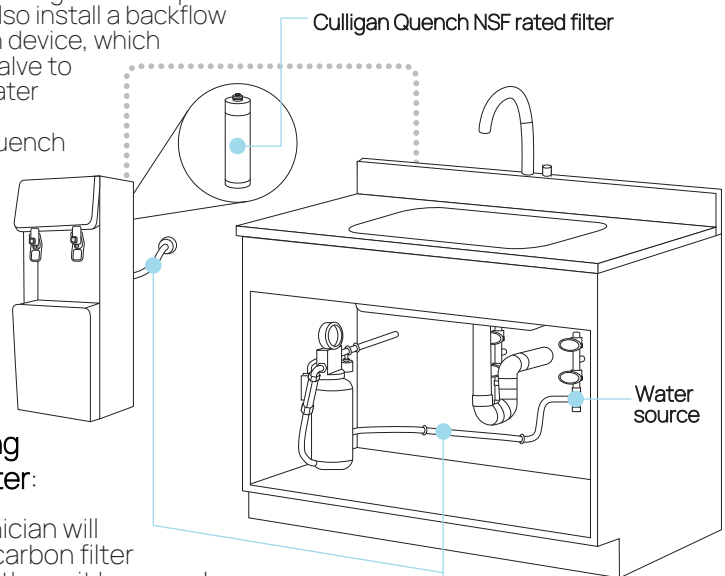
The water line is run from the water source to your new Culligan Quench machine, and installed virtually invisibly: above ceilings, behind walls, or behind baseboard cove moldings.

A small hole is cut in the wall to connect the water line to the Culligan Quench machine, which the technician will cover with a wall plate (similar to those used for cable TV outlets).

4. Installation of Emergency Water Shut-Off Valve:

An emergency water shut-off (a ball valve) will be installed in an easily accessible spot near both your Culligan Quench machine and the water source.

Where plumbing codes require it, we will also install a backflow prevention device, which is a small valve to prevent water from your Culligan Quench machine from flowing back into the water line tubing.



5. Flushing of the Filter:

The technician will flush the carbon filter to ensure the unit has good flow and that any loose carbon particles are cleared.

6. Inspection to Ensure Proper Function:

After the installation is complete, the technician performs a multi-point inspection, including checking all lines and tanks, cold and hot water temperature settings, de-scaling ice machines and ice production, carbonation levels, and taste.



Emergency water shut-off

7. Demonstrate to you how to use your new Culligan Quench system