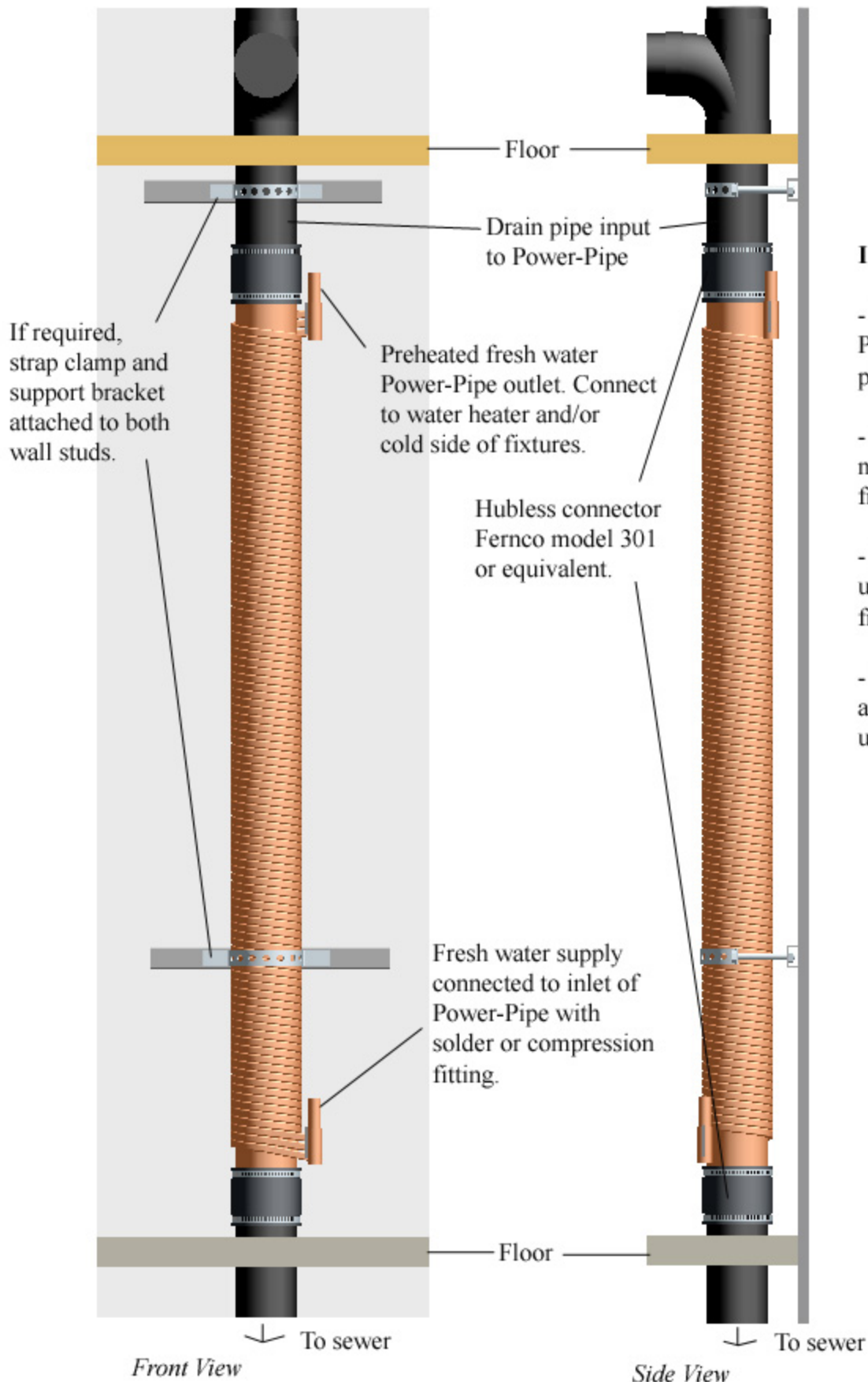


Power-Pipe™ Installation



Installation Recommendations:

- Vertical supply drain pipe into Power-Pipe unit to be at least 2 pipe diameters.
- Insulate pipes as desired to minimize heat loss, protect from freezing, or for sound deadening.
- Insulate lower half of Power-Pipe unit to prevent condensation, as fresh water is still cool at this point.
- To maximize performance, order and install the longest Power-Pipe unit that will fit into the drain system.

Power-Pipe™ Installation Guide

Please read these instructions carefully and completely before installing Power-Pipe.

Caution:

1. Power-Pipe installation should only be attempted by qualified persons familiar with plumbing construction procedures, codes and specialty tools.
2. Power-Pipe is not sold with fittings, couplings or connectors, which are the responsibility of the installer as determined by on-site conditions.
3. Be sure no one uses the plumbing system until after the installation is complete on remodelling and renovation projects.
4. Power-Pipe may be installed on the second floor, first floor, crawl space and basement – virtually anywhere there is access to a sufficiently tall section of **VERTICAL** waste pipe having waste hot water flowing through it along with access to a cold water supply line. Power-Pipe may be installed in more than one location, as on-site conditions may allow. For best results, install at exit of main drain line.

Waste Pipe:

1. Power-Pipe must be installed in a **VERTICAL** (90 degrees) section of water pipe. Horizontal or diagonal positions are not effective. Shim as necessary when complete.
2. Determine the waste pipe diameter of the existing pipe. Power-Pipe must be equal or greater than the existing pipe diameter. Either end of Power-Pipe may be positioned up.
3. Properly support vertical waste pipe from top and bottom before cutting and removal. Measure, remove and replace a vertical section of the existing waste pipe, being careful to allow enough clearance for connecting fittings and Power-Pipe. Deburr exposed pipe ends.
4. The couplings used for connecting the Power-Pipe into the existing waste system may vary depending on the type of existing waste pipe and any particular on-site conditions.

Water Pipe:

1. Install appropriate plumbing fittings on both ends of Power-Pipe coil that will be used to connect the Power-Pipe coil to the cold water supply.
2. Turn off the cold water supply and drain the water from the line.
3. Connect the **INCOMING** cold water to the **BOTTOM** port of the Power-Pipe coil.
4. Connect the outgoing cold water supply to the **TOP** port of the Power-Pipe coil.
5. The placement and installation of shut-off, drain or bypass valves and clean-out traps, while not necessary for the installation of Power-Pipe, are determined by applicable state and local codes and are the responsibility of the installer.