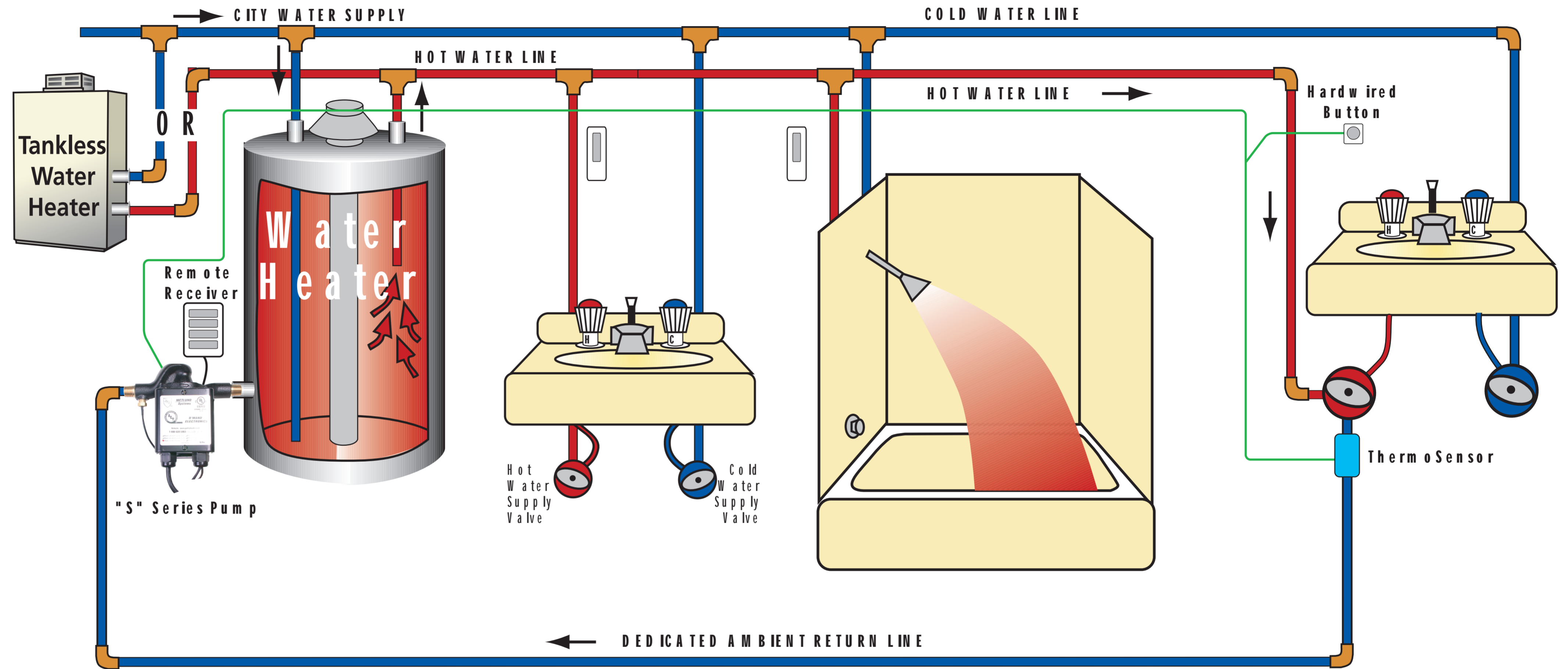


NEW HOMES STRUCTURED PLUMBING® DIAGRAM



HOW IT WORKS:

There are two options for Structured Plumbing, both using the S-Series Metlund **D'MAND**® System. The first option is to locate the S-Series pump and the thermo sensor at the fixture furthest from the water heater. The second option is to locate the S-Series pump at the water heater and extend the thermo sensor from the electronic control board back to the fixture furthest from the water heater. Both options can be activated by hand with buttons, remote wireless buttons or motion sensor. Both the S-Series pump and the thermo sensor

should be installed on the dedicated return line pipe. When hot water is demanded, using any of our activation methods, the Metlund **D'MAND**® System brings hot water rapidly to the farthest fixture from the water heater where the sensor will pick up the temperature rise and send a signal to turn the pump off. This concept prevents the hot water passing the thermo sensor, thus saving lost energy in the dedicated return line.