

Are You Waiting for HOT WATER?



MADE IN USA



Advantage!
www.gsaadvantage.com

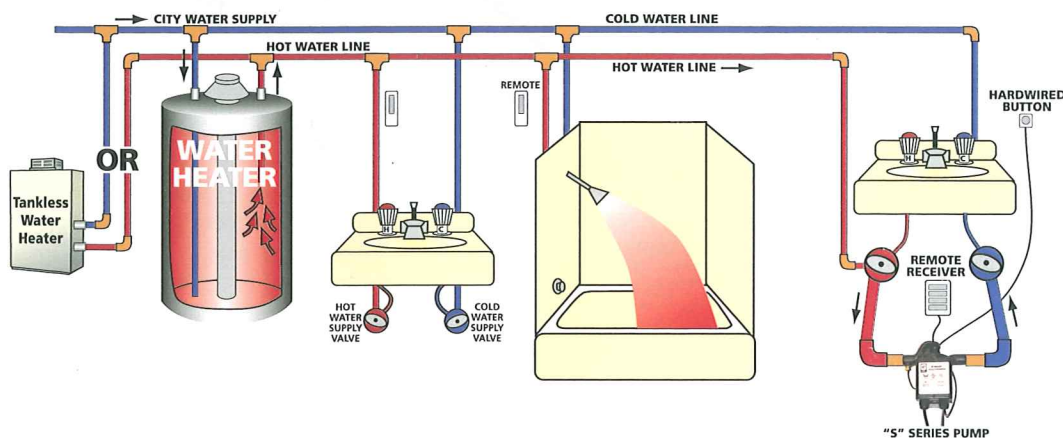


Electronics Make the Difference

The **D'MAND®** System is designed to move hot water to your most remote fixture on **D'MAND®** within seconds!

- 3 models (STS-50T, STS-70T and STS-02T series) from residential to commercial
- Receives Green Building LEED Credits
- Tested and Proven by the US Dept. of Energy to save both water and energy

EXISTING HOMES STANDARD PLUMBING

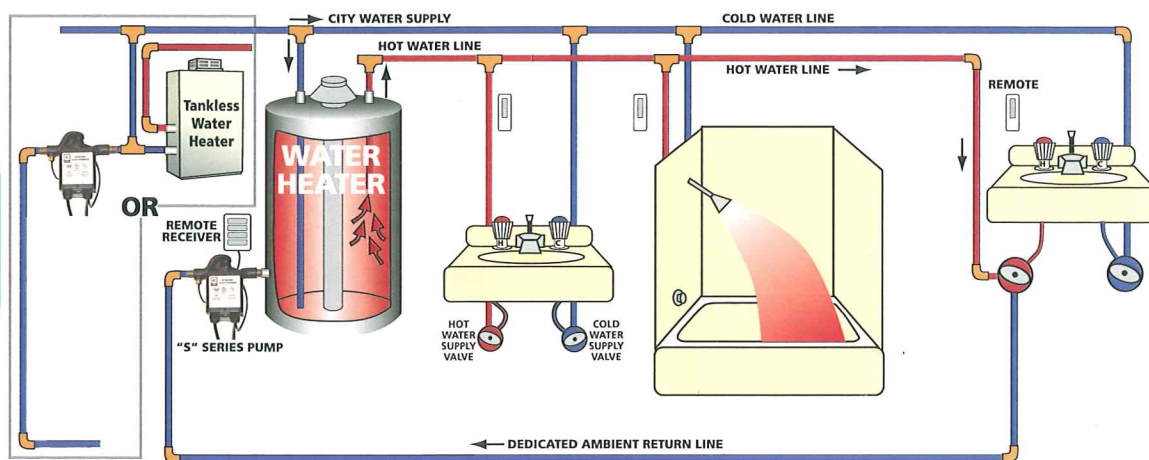


HOW IT WORKS:

The **D'MAND®** System is designed to move the hot water from your water heater to your most remote fixture (kitchen, master bath, etc.) within seconds. At the push of a button, the cool water you normally let run down the drain is circulated back to the water heater through the cold water line. The **D'MAND®** System is easily installed under the sink farthest from your water heater.

At your demand, the pump pulls the hot water from the water heater moving only the cold water back through the cold water line into the water heater to replace the hot water being moved. When the hot water arrives at the **D'MAND®** System it is automatically shut off by a thermo sensor at a 6 degree temperature change.

NEW HOMES STRUCTURED PLUMBING® DIAGRAM



HOW IT WORKS:

There are two options for Structured Plumbing®, both using the S-Series **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. Both options can be activated by hand with buttons, remote wireless buttons or motion sensors. S-Series pumps can be installed on the

dedicated return line pipe. When hot water is demanded, using any of our activation methods, the **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 pump/sensor, thus saving lost energy in the dedicated return line.



ACT Inc.
D'MAND® Systems
800-638-5863
www.gothotwater.com

Features

- Life expectancy of 15-20 years
- Energy Star Credit
- Operates with Tankless or Tank water heaters
- 5 Year Limited Warranty
- IAPMO Listing
- UL Listed - US/Canada
- AB 1953 Listed



STS-50T (as shown)
8 gallons per minute flow
12 feet of head
1/40 Horse Power
.57 AMPS
3 YEAR LIMITED WARRANTY



STS-70T (as shown)
14 gallons per minute flow
16 feet of head
1/25 Horse Power
.84 AMPS
5 YEAR LIMITED WARRANTY



STS-02T (as shown)
26 gallons per minute flow
32 feet of head
1/8 Horse Power
1.76 AMPS
5 YEAR LIMITED WARRANTY



PF Kit (as shown)
2-Flexlines 3/4"
2-Retrofit Tees
2-Bushings (STS-70T)



Accessories (as shown)

- B-992G/B706S Gold or Silver Button
- R-911 & T-954 KIT Wireless Remote Kit
- T-954 Transmitter
- V-1209 Hardwired Motion Sensor
- VRS-0411 Wireless Motion Sensor Kit
- VS-0411 Wireless Motion Sensor
- VRS-1107 Wireless Motion Sensor Kit
- VS-1107 Wireless Motion Sensor

The Intelligent Choice

The hot water D'MAND® System is the only recirculating system that is available on demand, saving water, energy and money while adding convenience. It is a welcome addition to any standard plumbed home or home with a recirculating loop and can be installed in both new construction as well as on existing homes. No additional plumbing is required.

Electronic D'MAND® Pumping Technology

Patented Electronics are designed to shut off automatically with a rise of temperature (Delta-T) and a "fail safe" shut off is added for safety. The no lead pump contains a replaceable cartridge which is self lubricating, contains a mechanical seal that requires no maintenance. A PDV (Positive D'MAND® Valve) built in valve prevents backflow. All major components are modular and can be easily replaced if necessary. D'MAND® Systems life expectancy is 15 to 20 years.

Conventional Water Heater Specifications

The D'MAND® System has both commercial and residential applications. S-Series are for all applications and will cost less than \$1.00 per year to operate. STS-50T Series are designed for homes and condos with hot water runs up to 50' from the water heater. The STS-70T series are designed to deliver hot water rapidly up to 100 feet from the water heater. The STS-02T Series will accommodate larger homes and commercial applications where distanced from the water heater and larger diameter piping is a factor.

The D'MAND Circ® is for dedicated return line applications. STS-70T Series to be installed at the water heater on lines less than 200 feet. STS-02T-R Series to be installed at the water heater on lines more than 200 feet. If in doubt about which pump will work for your situation, call us at our toll-free phone number, **1-800-638-5863**.

The under sink Pre-fabrication kit (PF-Kit) allows the ACT D'MAND® system to be easily installed in a sink cabinet. Custom Compression tees (no soldering required) are included in the kit to connect the flex lines behind the existing angle stop valves.

IMPORTANT NOTICE! In rare cases outdoor lawn water use may cause pressure differences that can allow cross flow in the D'MAND® System. Our patented safety valve may be necessary. All Motion Sensors are 12 volt custom designed for ACT® Inc. - Any other motion sensors may void Warranty. If in doubt, contact our office at 1-800-638-5863. See instruction for details.

TANKLESS WATER HEATERS / D'MAND® SYSTEMS

Tankless Water Heater Specifications

STS-50T Series not recommended	STS-70T	STS-02T
Standard Plumbing AND Distance between Tankless water heater and fixture where D'MAND® system is installed	Under 60 feet	Over 60 feet
Re-Circulating plumbing AND square footage of house	Under 2500 sq. ft.	Over 2500 sq. ft.

The STS-70T and STS-02T D'MAND® Systems work extremely well with tankless gas and electric water heaters. In fact all of the tankless water heater manufacturer's recommend D'MAND® Systems for hot water distribution with their tankless water heaters.

SAVINGS OF ENERGY AND WATER TO THE USER

By using a D'MAND® System with your tankless water heater, the estimated savings in dollars on average nationally will be \$200.00 a year or more.

- California Title 24 Building Code Credits
- EPA Energy Star HERS Credits
- AB 1953 Listed
- Water Sense Approval
- CAI Green Credits
- Lead Credits