

# Instant Hot Water Recirculating System

The Watts Instant Hot Water Recirculating System brings convenience and savings to your home, giving you hot water instantly at every faucet or shower when you need it.

This unique product connects easily to existing plumbing. It saves up to 15,000 gallons of water per year and up to 10% of your water bill.

## Features:

- Easy to install in under one hour
- 24-hour programmable timer activates pump when you need it
- Maintenance free
- Pump mounts directly onto a water heater with 3/4" connections
- Can be used with all types of pipe
- 10' power cord
- 1/2" thermal bypass valve
- Extremely quiet - no vibrations
- Cost 5¢ a day to operate



*\*Do not use with tankless water heaters*



**Saves Time  
& Money**



**Saves Water**



**WATTS®**  
watts.com

## How much water is wasted waiting for water to warm up?

An average home has 125 feet of 3/4" pipe. 125 feet of 3/4" pipe holds 3.14 gallons of water. If hot water is used 10 times per day, 31 gallons of water is wasted running the faucets/shower to get hot water. In a year, this equals to 11,461 gallons of water. 25.2 million homes waste approximately 300 billion gallons of water annually.

## How does the Instant Hot Water Recirculating System work?

A pump with a built-in timer is installed on the hot water line from the water heater (*Fig. 1*). A patented sensor valve (*Fig. 2*) opens when the water on the hot water side cools and pushes the cool water back to the water heater. As the temperature in the hot water line hits 98°, the valve closes.

Some homes are designed with multiple hot water loops, one per floor, etc. If one section of the house does not receive hot water, you will need to purchase a Watts Sensor Valve Kit (*Fig. 3*) for each loop. For best results, the valve should be located at the faucet furthest from the water heater in each loop.



## Instant Hot Water Recirculating System

Watts Ordering Code #: 0955800

Model Description: 500800 Recirculating System

Cube (ea): .27

Weight (ea, lbs.): 7.0

UPC: 098268253764

Master Pack: 1

## Instant Hot Water Recirculating System Sensor Valve Kit

Watts Ordering Code #: 0955801

Model Description: 596816 Sensor Valve Kit

Cube (ea): .13

Weight (ea, lbs.): 0.7

UPC: 098268256987

Master Pack: 5

Master Pack ITF: 20098268256981

