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› Watts Heat H2O 0955805 Hot Water Recirculation System User Manual

Watts Premier 0955805

Watts Heat H2O 0955805 Hot Water Recirculation System User Manual

Brand: Watts Premier | **Model:** 0955805

INTRODUCTION

The Watts Heat H2O Hot Water Recirculation System is designed to provide instant hot water to your faucets and showers. This system utilizes thermal bypass technology to circulate water, eliminating the wait for hot water and conserving water resources. It features a programmable timer for efficient operation and is intended for use with tank water heaters.



Image: The Watts Heat H2O Hot Water Recirculation System pump with its integrated programmable timer.

SAFETY INFORMATION

- Read all instructions carefully before installation and operation.
- Ensure all water and electrical connections are performed by qualified personnel if you are unsure.
- Turn off the main water supply and electrical power to the water heater before beginning installation.
- This system is designed for indoor use only.
- Do not use with tankless water heaters.

COMPONENTS INCLUDED

The Watts Heat H2O Recirculation System includes the following components for installation:

- Heavy-duty stainless steel pump head in aluminum housing with 10 ft cord

- 2 adapters with rubber washers
- Thermostatically controlled sensor valve
- Mounting screws
- Two 12-inch supply lines

EASY INSTALL

Includes

- 1 Hot Water Recirculation Pump with Timer
- 2 Sensor Valve
- 3 Valve Mounting Screws
- 4 3/8" Compression to 1/2" Threaded Flex Hoses with 2 Adapters



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Hot Water Recirculation System

Image: Contents of the Watts Heat H2O Recirculation System kit, including the pump, sensor valve, mounting screws, and supply lines.

SETUP AND INSTALLATION

The Watts Heat H2O system is designed for easy DIY installation into existing plumbing. The installation involves two main parts: the pump near the water heater and the sensor valve under the sink.

General Installation Notes:

- No return line or additional electricity under the sink is required.

- The system operates on 120V.
- This system is only compatible with tank water heaters. It is not designed for tankless water heaters.



Image: Illustration emphasizing that the Watts Heat H2O system is designed exclusively for tank water heaters.

Pump Installation (Near Water Heater):

1. Turn off the water supply and power to your water heater.
2. Drain a small amount of water from the hot water line to relieve pressure.
3. Install the pump directly to the hot water outlet of your water heater.
4. For water heaters with rigid, non-movable water supply pipes, additional tools may be required for installation.
5. Water heaters with a flexible water supply line allow for simple DIY installation without additional tools. (Note: A flexible water heater supply line is not included).



Easy DIY Installation for Systems with a Flexible Supply Line



3/4-in. braided stainless steel supply line not included



Professional Installation Recommended for Systems with Rigid Supply Lines



Additional tools required to install with rigid piping



All components for undersink install included:



Two 1/2-in. Supply Lines
Sensor Valve
Mounting Screws

WATTS®

Image: Visual guide comparing installation methods for flexible and rigid water heater supply lines.

Sensor Valve Installation (Under Sink):

1. Locate the hot and cold water supply lines under the sink furthest from the water heater.
2. Install the sensor valve between the hot and cold water supply lines using the provided flexible hoses and mounting screws.
3. Ensure all connections are tight to prevent leaks.



*Connects directly to a water heater tank.
Showerhead for illustration purposes only.

INSTANT HOT WATER RECIRCULATING SYSTEM

**Saves up to 15,000 Gallons
of Water Per Year**

**Extremely Quiet
No Vibrations**

**Simple Installation
DIY Friendly**

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Hot Water Recirculation System



Image: A diagram showing the complete installation of the recirculation pump near the water heater and the sensor valve under the sink.

Installation Video Resources:

Your browser does not support the video tag.

Video: Official Watts "heat H₂O Installation" guide. This video demonstrates the step-by-step process for installing the Watts Heat H₂O Hot Water Recirculation System.

OPERATING INSTRUCTIONS

The Watts Heat H₂O system features a built-in programmable timer to customize its operation according to your household's hot water usage patterns.

Setting the Programmable Timer:

1. The 24-hour dial has quarter-hour division tabs and AM/PM indications.

2. Push the tabs inward for the periods you want the pump to operate (ON).
3. Leave the tabs outward for the periods you want the pump to be inactive (OFF).
4. You can set the timer to run for 24 hours a day or activate only during peak use times to conserve energy.

SCHEDULE THE PUMP TO RUN ONLY WHEN NEEDED

- Saves Time 
- Saves Money 
- Reduce energy consumption 

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Hot Water Recirculation System



Image: The Watts Heat H2O pump with its programmable timer, illustrating how to schedule operation for hot water when needed.



Image: Detailed view of the programmable timer dial on the Watts Heat H2O pump, showing the quarter-hour segments.

System Operation:

- When the pump is active (according to the timer), the sensor valve opens if the water on the hot water side cools below 98°F.
- Cool water is then pushed back to the water heater through the cold water supply line.
- The sensor valve closes once the hot water line reaches 98°F, ensuring hot water is readily available.

Your browser does not support the video tag.

Video: Official Watts video titled "Get Hot Water Instantly". This video explains the thermal bypass technology and how the system provides immediate hot water.

MAINTENANCE

Once installed, the Watts Heat H2O Hot Water Recirculation System requires no routine maintenance. Its durable construction and design ensure reliable operation without the need for regular servicing.

TROUBLESHOOTING

If you experience issues with your Watts Heat H2O system, consider the following:

- **No Hot Water:**
 - Check if the pump is receiving power and the timer is set correctly to an "ON" period.
 - Ensure the water heater is functioning properly and supplying hot water.
 - Verify that the sensor valve is correctly installed and not obstructed.
- **Water Not Hot Enough:**
 - Confirm the water heater temperature setting is adequate.
 - Allow sufficient time for the system to circulate water, especially after initial setup or extended idle periods.
- **Leaks:**
 - Inspect all connections for tightness. Turn off water supply before tightening.
 - Check rubber washers for proper seating and damage.

For persistent issues, contact Watts Premier customer support.

SPECIFICATIONS

Feature	Specification
Brand	Watts Premier
Model Number	0955805 (Q419)
Product Dimensions (L x W x H)	8.3" x 7.8" x 7.8"
Item Weight	3 kg
Material	Aluminum, Stainless Steel
Power Source	Corded Electric
Voltage	120 Volts
Maximum Flow Rate	3.4 gpm
UPC	098268557169
Compatibility	Tank Water Heaters Only



Image: The Watts Heat H2O pump with its physical dimensions indicated.

WARRANTY AND SUPPORT

Warranty Information:

This Watts Heat H2O Hot Water Recirculation System includes a 3-year warranty. For specific terms and conditions, please refer to the warranty documentation included with your product or contact Watts Premier customer service.

Optional protection plans are available for extended coverage:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly renewal)

Customer Support:

For technical assistance, replacement parts, or warranty claims, please contact Watts Premier customer support through their official website or the contact information provided in your product packaging.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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