

Instruction Sheet

Hot-Link® Valve

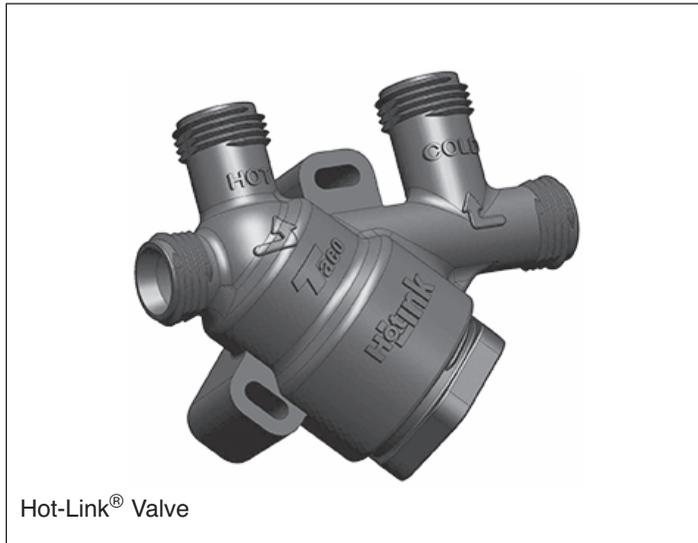
SUPERSEDES: November 1, 2015

EFFECTIVE: December 30, 2015

Plant ID# 001-4256

Application:

The Taco Hot-Link® Valve is designed for use with a Taco Hot-Link or Hot-LinkPlus circulator. The Hot-Link Valve provides instant hot water comfort at showers and faucets. By supplying fresh hot water to the fixtures while returning the "cooled" hot water back to the water heater through the cold line, it also saves thousands of gallons of water per year. The average family can achieve yearly savings up to 12,000 gallons of water normally wasted down the drain while waiting for hot water.



Installing the Hot-Link Valve:

1. Select the hot water faucet furthest from the water heater. If your plumbing system branches in two different directions, another **Hot-Link Valve** may need to be installed at the end of each run.
2. Shut off the hot and cold angle stop valves below the sink.
3. Open the hot and cold faucets to purge water from the lines.



CAUTION: Do not use pipe dope or teflon tape on the valve body threads.



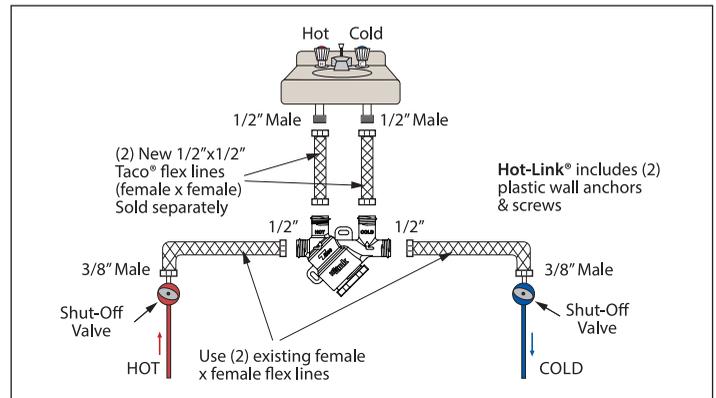
CAUTION: Follow all local plumbing codes when installing the Hot-Link Valve.

4. Disconnect the hot and cold flex hoses from the 1/2" faucet connections beneath the sink and reconnect them to the respective hot and cold inlet ports on the **Hot-Link Valve**. Locate the flow arrows on the side of the valve to verify flow direction.



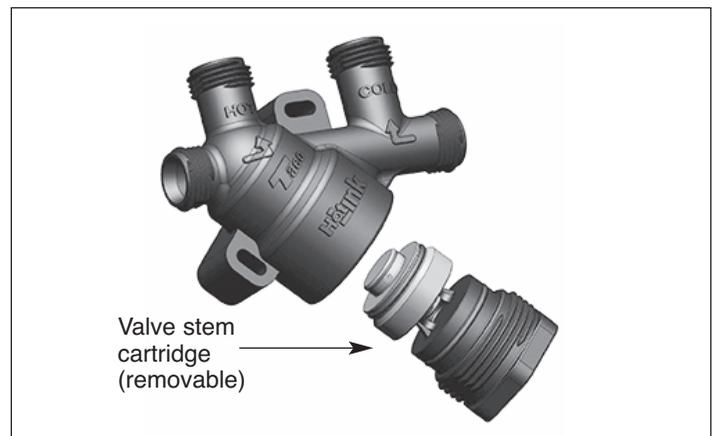
CAUTION: Use caution when attaching flex hoses to the Hot-Link Valve to prevent cross-threading or stripping of the threads.

5. Install the 1/2" x 1/2" flex hoses provided. Connect one hose to the hot outlet of the valve and the hot water connection on the faucet (left side). Connect the second flex hose to the cold outlet of the valve and the cold water connection on the faucet (right side).



6. When all connections are made, open angle stop valves and check for leaks.
7. Attach the **Hot-Link Valve** to the wall using anchor screws provided.

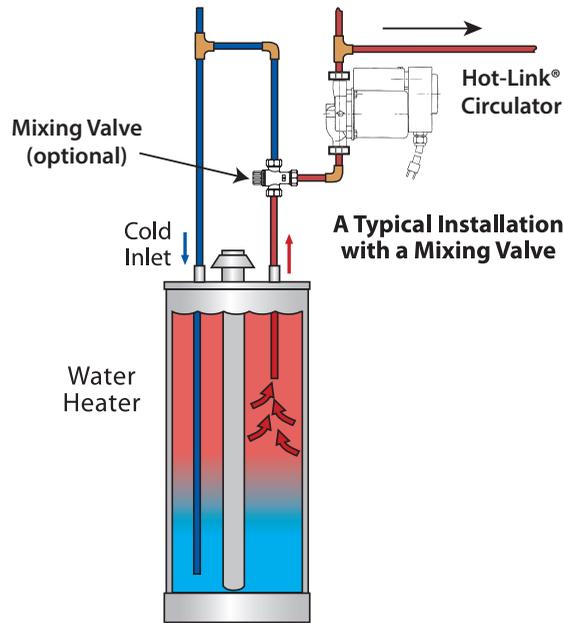
Note: The valve can be disassembled for service and cleaning. Repeat steps number 2 and 3. Unthread the valve stem from the body and clean internal screen of debris. Reattach valve stem securely to prevent leaks. Open angle stop valves and check for leaks.



A Taco resource – saving product

Hot-Link Valve Trouble Shooting

SYMPTOM	POSSIBLE CAUSE	SERVICE TIP
No Hot Water	Clogged filter screen.	<ul style="list-style-type: none"> • Close angle stop valves beneath sink. • Open hot and cold faucets to drain line of pressure. • Remove valve stem, thoroughly clean screen, replace, open angle stop valves and check operation.
	Hoses connected incorrectly.	<ul style="list-style-type: none"> • Check to see if flex hoses are connected to proper Hot/Cold ports on valve.
Abundance of Hot Water in Cold Line (Note: It is normal for some warm water to be in cold line during recirculation cycle.)	If unable to flush the hot water from the cold line by running the cold faucet, it may indicate that the valve is damaged.	<ul style="list-style-type: none"> • Replace valve.
Water is too Hot	Hot-Link Valve system has improved delivery of hot water.	<ul style="list-style-type: none"> • Install mixing valve on water heater outlet. See piping schematic below.



LIMITED WARRANTY STATEMENT

Taco, Inc. will repair or replace without charge (at the company's option) any Hot-Link® Valve part which is proven defective under normal use within three (3) years from the date of manufacture.

In order to obtain service under this warranty, it is the responsibility of the purchaser to promptly notify the local Taco stocking distributor or Taco in writing and promptly deliver the subject product or part, delivery prepaid, to the stocking distributor. For assistance on warranty returns, the purchaser may either contact the local Taco stocking distributor or Taco. If the subject product or part contains no defect as covered in this warranty, the purchaser will be billed for parts and labor charges in effect at time of factory examination and repair.

Any Taco product or part not installed or operated in conformity with Taco instructions or which has been subject to misuse, misapplication, the addition

of petroleum-based fluids or certain chemical additives to the systems, or other abuse, will not be covered by this warranty.

If in doubt as to whether a particular substance is suitable for use with a Taco product or part, or for any application restrictions, consult the applicable Taco instruction sheets or contact Taco at (401-942-8000).

Taco reserves the right to provide replacement products and parts which are substantially similar in design and functionally equivalent to the defective product or part. Taco reserves the right to make changes in details of design, construction, or arrangement of materials of its products without notification.

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