

INSTRUCTION SHEET Hot Water Recirculation System – Bypass Valve Kit

IS-AMK-ODR

Model: AMK-ODR Patent No. 11,193,605 | U.S. BUILT Effective Date: 5/9/2025

The AMK-ODR Valve is a small, quiet, stainless steel hot water recirculation valve. It installs at the fixture furthest from the water heater. It acts in conjunction with a circulator to supply hot water at the fixture by moving water from the hot supply line to the cold supply line. The valve maintains 95°F at the fixture whenever the circulator is running. Valve is compatible with Tank or Tankless Heater Systems.

Examine all components carefully to ensure they are all present and they have not been damaged in transit to you. Care should be taken to avoid dropping or mishandling the product. Damage to the product may occur if it is dropped.

KIT INCLUDES







(1) Stainless Valve

(1) 3/8" Comp. x 3/8" Comp. X 1/2" NPS Tees

(1) 1/2" NPS X 24" SS Braided Flex Hose

TOOLS REQUIRED







(1) 5/8" Open End Wrench

(1) 15/16" Open End Wrench

(1) Adjustable Wrench (1" Opening)

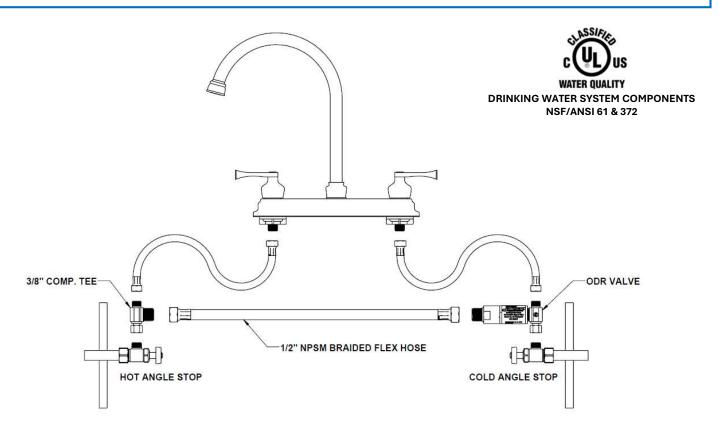
INSTALLATION INSTRUCTIONS

The ODR valve is installed at the faucet that is furthest away from the water heater. If there are separate hot water branches in the residence, additional valves may be required.

NOTE: Pipe Compound or Teflon Tape are **NOT REQUIRED** for this installation.

- 1. Close both the **HOT** and **COLD** angle stop valves under the sink.
- 2. Open both the **HOT** and **COLD** faucet handles to relieve the water pressure.
- 3. Place a pan or rag below the connections to catch any water that may leak from the risers.
- 4. Disconnect the riser pipes or hoses from the angle stop valves.
- 5. Attach the **COLD** water riser pipes or hose to the ODR valve.
- 6. Install the ODR valve onto the COLD angle stop.
- 7. Install the 3/8" Compression Tee to the **HOT** angle stop.
- 8. Attach the $\frac{1}{2}$ " braided flex hose between the ODR Valve and the $\frac{3}{8}$ " Compression Tee.
- 9. Open the **HOT** water angle stop. Then, the **COLD** faucet handle to purge air from the system.
- 10. Close the **COLD** faucet handle. Then, open the **COLD** angle stop.

INSTALLATION DIAGRAM



NOTE: The spacing between angle stops may vary, as well as actual location. Always position the valve, compression tee, and hoses to suit your system. Avoid sharp bends with hoses.

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