



US DESIGN | US BUILT | 100% TESTED | PATENTED

Submittal Data Sheet
SD116

Effective:
09/04/2026

Supersedes
05/01/2019

SUBMITTAL DATA SHEET

Job:

Engineer:

Contractor:

Rep:

Date Submitted:

By:

Date Approved:

By:

Model Number:

Qty:

PATENT NO (US): 11,193,605 | 11,853,086 B1

AMK-ODR STAINLESS BY-PASS VALVE KIT

FEATURES

- Simple Installation
- Stainless Steel Construction
- Automatic Temperature Control
- No electrical connection required under the sink
- Quiet Operation
- Build-in Check Valve
- Tank/Tankless Compatible

PERFORMANCE DATA

- Fully Closed Temperature: 105°F
- Fully Open Temperature: 90°F
- Maximum Operating Pressure: 150 psi
- Maximum Water Temperature: 150°F
- Minimum Water Temperature: 35°F
- Circulator Pressure Capability: Up to 21 ft. head
- Maximum Valves per Circulator: 5

KIT INCLUDES

- (1) (1) Stainless Steel Undersink Bypass Valve
- (2) 1/2" NPS x 3/8" Comp. x 3/8" Comp. Tee
- (1) 1/2" NPS x 24" Stainless Braided Hose
- (1) Installation & Warranty Sheet

MATERIALS OF CONSTRUCTION

- **Stainless Steel:** Valve Spring, Hose
- **Brass:** Valve Body, Adjust. Ring, Tee
- **Copper:** Element
- **EPDM:** Gaskets
- **Non-Metallic:** Check Valve

CERTIFICATIONS & LISTINGS



DRINKING WATER SYSTEM COMPONENTS
NSF/ANSI 61 & 372
MH60565



MEETS TITLE 24

APPLICATION

This is not an anti-scald device.

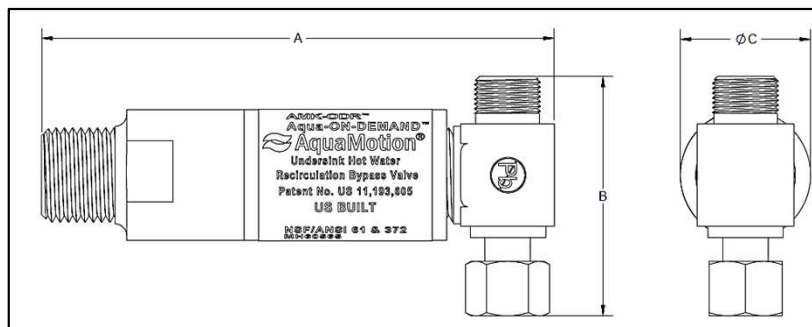
The AquaMotion AMK-ODR is an under-sink bypass valve kit designed for single-pipe hot water recirculation systems. Installed at the fixture farthest from the water heater, the valve provides a controlled pathway for cooled water in the hot-water line to return to the water heater through the cold-water supply line.

When the recirculation pump operates, the valve allows cooled water to bypass from the hot-water line into the cold-water line. As hot water reaches the valve, it automatically restricts the bypass flow and regulates the system to approximately 95°F at the fixture.

The AMK-ODR provides a simple way to achieve faster hot water delivery without installing a dedicated return line and operates in conjunction with a compatible AquaMotion circulator and timer or on-demand control.

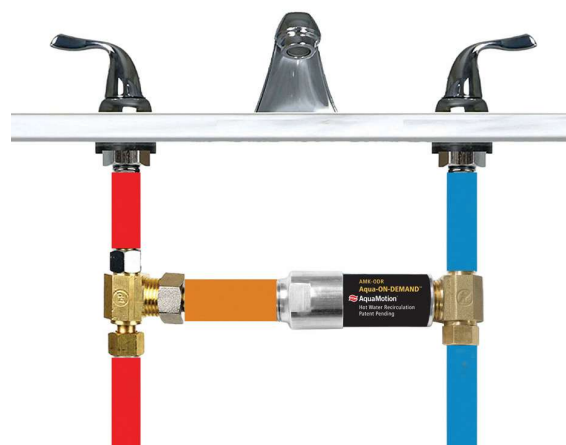
PRODUCT DIMENSIONS

BYPASS VALVE					
A		B		C	
IN	MM	IN	MM	IN	MM
4.43	112.5	2.06	52.4	1.13	28.5



APPROX. KIT SHIPPING WEIGHT: 1 LBS. [0.45 KG]

INSTALLATION



AMK-ODR installs on the COLD angle stop.