

SUBMITTAL DATA SHEET	
Job:	
Engineer:	
Contractor:	
Rep:	
Date Submitted:	By:
Date Approved:	By:
Model Number:	Qty:

PATENT NO (US): 9,863,647 B1 | D834,145

US DESIGN | US BUILT | 100% TESTED | PATENTED

AMK-UK AQUA-FLASH® UNIVERSAL BY-PASS VALVE KIT

FEATURES

- Universal Replacement Design
- Brass & Stainless Steel Construction
- Automatic Temperature Control
- No electrical connection required under the sink
- High Flow Capacity
- Build-in Check Valve
- Multiple-Fixture Capability

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) AQUA-FLASH® Undersink Bypass Valve
- (1) 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 Cover, Hose, Fasteners
- **Brass:** Valve Body, Tee
- **Bi-Metal:** Element
- **EPDM:** Gaskets
- **Non-Metallic:** Check Valve

CERTIFICATIONS & LISTINGS



DRINKING WATER SYSTEM COMPONENTS
NSF/ANSI 61 & 372
MH60565



MEETS TITLE 24

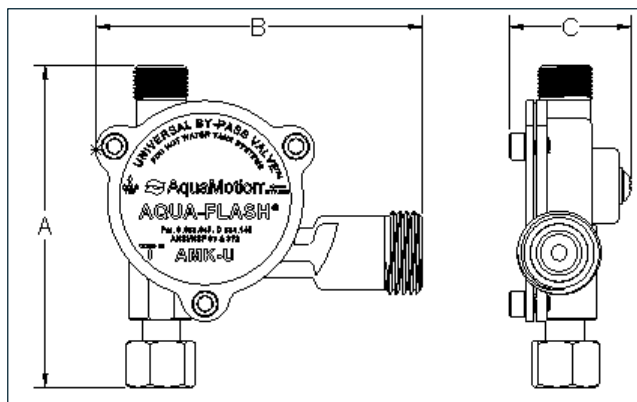
APPLICATION

This is not an anti-scald device.

The AquaMotion Aqua-Flash® AMK-UK Universal Bypass Valve Kit is designed for **hot water recirculation systems using storage-tank or indirect water heaters**. It installs under the fixture and works with a circulator to automatically maintain hot water at the faucet. When the circulator runs, cooled water in the hot-water line is pushed toward the AMK-UK valve. The valve allows that cooler water to pass into the cold-water line and return to the water heater. As hot water reaches the valve, the bi-metal element responds to the temperature and progressively closes the bypass. Once the desired temperature is reached, only a small amount of flow is maintained to keep the line warm.

PRODUCT DIMENSIONS

BYPASS VALVE					
A		B		C	
IN	MM	IN	MM	IN	MM
3.28	83.3	3.34	84.7	1.23	31.3



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

INSTALLATION



AMK-UK installs on the COLD angle stop.