



US DESIGN | US BUILT | 100% TESTED | PATENTED

Submittal Data Sheet SD107A	Effective: 09/04/2026	Supersedes NEW
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SUBMITTAL DATA SHEET

Job:

Engineer:

Contractor:

Rep:

Date Submitted:

By:

Date Approved:

By:

Model Number:

Qty:

PATENT NO (US): 8,083,500 B1 | 8,303,184 B1 | 9,863,647 B1 | D834,145
PATENT NO (CAN): 2,883,495 | 2,935,949

AMH1K-3UV HOT WATER RECIRCULATION KIT

FEATURES

- Quiet Efficient Operation
- Stainless steel, single-speed circulator
- Revolutionary “Green Eco Cartridge™”
- No electrical connection required under the sink
- Low Power Consumption
- Ideal for pedestal sink installations
- Designed for indoor potable-water applications

PERFORMANCE DATA

- Maximum Shut-off Head: 8 FT.
- Maximum Flow: 11 GPM
- Maximum Operating Pressure: 125 psi
- Maximum Water Temperature: 230°F
- Minimum Inlet Pressure: 20 psi
- Voltage: 120V, 60Hz, 1PH
- Ampere: 0.6A

KIT INCLUDES

- (1) Stainless Circulator with a 6.5 ft. Line Cord
- (1) AQUA-FLASH® Undersink Bypass Valve
- (1) 1/2" NPS X 3/8" Comp. x 3/8" Comp. Tee
- (1) 3/4" NPT Female Tailpiece
- (1) 1-1/4" Union Nut with Flat Round Gaskets
- (1) 1/2" NPS x 24" Stainless Braided Hose
- (1) AMK-T15 Mechanical Plug-in Timer

MATERIALS OF CONSTRUCTION

- **Stainless Steel:** Casing (Volute), Cartridge, Hose
- **Carbon Steel:** Motor Housing
- **Ceramic:** Shaft
- **Sintered Bronze:** Bearings
- **EPDM:** O-rings, Gaskets
- **Silicone:** Pump Housing Gasket
- **Non-Metallic:** Impeller, Check Valve, Timer
- **Brass:** Tailpieces, Bypass Valve, Tee

CERTIFICATIONS & LISTINGS



WATER CIRCULATING PUMP
12YE
FOR INDOOR USE ONLY



DRINKING WATER SYSTEM COMPONENTS
NSF/ANSI 372 (Circulator)
NSF/ANSI 61 & 372 (Bypass Valve)
MH60565



MEETS TITLE 24

APPLICATION

This is not an anti-scald device.

Stop waiting for hot water with the AquaMotion AMH1K-3UV Aqua-Flash® Hot Water Recirculation Kit. Designed for residential hot water tanks with single-pipe plumbing systems, the AMH1K-3UV continuously recirculates cooled hot water back to the water heater, providing faster hot water delivery to faucets throughout the home. The system features a stainless steel, single-speed circulator with a plug-in mechanical timer, allowing homeowners to schedule recirculation during the times hot water is needed most. The included Aqua-Flash® bypass valve installs beneath the fixture furthest from the water heater and eliminates the need for an electrical connection under the sink. The AMH1K-3UV is an ideal solution for homes where installing a dedicated return line is impractical.

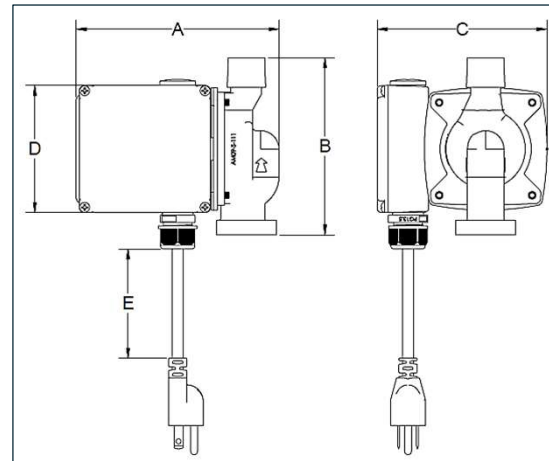
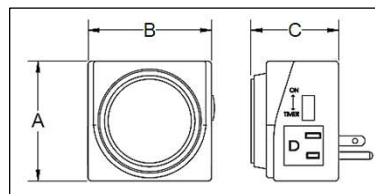
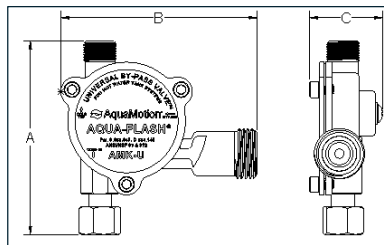
PRODUCT DIMENSIONS

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

MECHANICAL TIMER					
A		B		C	
IN	MM	IN	MM	IN	MM
3.03	77	3.15	80	2.23	56.8

STAINLESS CIRCULATOR									
A		B		C		D		E	
IN	MM	IN	MM	IN	MM	IN	MM	FT	M
5.56	141.2	4.86	123.4	5.90	149.9	3.50	88.9	6.5	1.98

APPROX. KIT SHIPPING WEIGHT: 8.0 LBS. [3.6 KG]



MOUNTING POSITION

