



 AquaMotion®

  US DESIGN • US BUILT • PATENTED

AquaMotionHot™ Systems Instant Hot Water and On-Call™ Recirculation Systems



AquaMotionHot One Instant Hot Water Under-Sink System



AquaMotionHot Two Instant Hot Water Dedicated Return-Line System

Save time
Save money
Save water
Save energy

AquaMotionHot Three "On-Call" Under-Sink System (see inside for details)

AquaMotionHot™ One

Instant Hot Water Recirculation Systems



AquaMotionHot One Under-sink Installation



AquaMotionHot One Kit (AMH1-K1 Kit)

Only field serviceable and replaceable cartridge
 Long life stainless steel construction
 Fits 95% of competitor's pumps
 Disassembleable for quality control and servicing
 Patented long-life bearing system
 20-40% less than competitor's cartridges



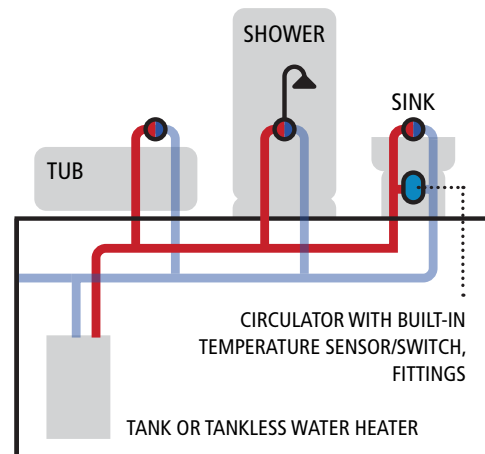
Patented Green ECO Cartridge™

AquaMotionHot™ One

USE: Point of use under sink installation (no return line required)

HOW IT WORKS: AquaMotionHot One recirculation system delivers instant hot water as soon as the faucet is turned on. AquaMotionHot One uses a built in temperature sensor/switch to ensure that the pump only runs when water temperature begins to cool. AquaMotionHot One annual operating cost is less than \$2 per year while maintaining instant hot water at the faucet.

EASY TO INSTALL: AquaMotionHot One requires no cutting of current piping to install. Installation is as easy as connecting the two tee's and two hoses to existing attachments under the sink.



AquaMotionHot One

Under-sink System without return line.

Installs at furthest point from heat source. Pump, built in sensor/switch and check, hoses, fittings, cord included.

FEATURES AND BENEFITS

- **HOOK UP AND GO™** installation
- **INSTANT HOT WATER** when you need it
- **NO PROGRAMMING** or settings required
- **NO SCREENS** that periodically clog
- **NO ELECTRONICS** prone to failure
- **COMPACT DESIGN** for under sink installation
- **BUILT IN, FAST ACTING TEMPERATURE SENSOR** makes the AquamotionHot One compact and intelligent
- **ALL FITTINGS** and hoses included
- **3 YEAR LIMITED CIRCULATOR WARRANTY**
- **SAVES UP TO 15,000 GALLONS OF WATER PER YEAR**
- **PATENTED ECO-CARTRIDGE™** allows all moving parts to be field serviced without the need for total replacement
- **LOWEST OPERATING COST** high efficiency allows energy savings up to 95% compared to constant run recirculation systems
- **PATENTED BEARING DESIGN** ensures long life reliable service
- **STAINLESS CONSTRUCTION** with all lead free parts
- **QUIET OPERATION**

AquaMotionHot™ Two

Instant Hot Water Recirculation Systems



AquaMotionHot Two Dedicated Return-line Installation



AMK-ACT1 Kit with optional Timer



Pump: AM3-SUV1L, AM6-SUV1L, or AM7-SUV1L

AquaMotionHot™ Two

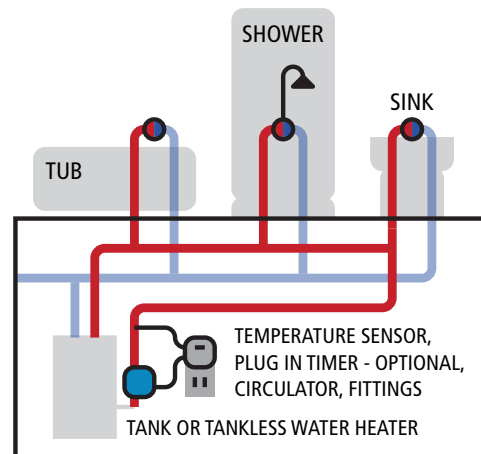
USE: For dedicated return line systems

HOW IT WORKS: AquaMotionHot Two recirculation system uses a temperature sensor and optional digital timer to keep hot water instantly available throughout the system. You will never wait for hot water again. The AquaStat temperature sensor clips on to the return line and ensures that the pump only runs when water temperature begins to cool. The optional digital timer can be set to run only when needed, and features unique seven day functions, and power failure protection to save settings even after loss of power. Only when the timer and AquaStat signals are on will the circulator run, ensuring the lowest run time with annual operating costs as low as \$2 a year.

EASY TO INSTALL: AquaMotionHot Two comes with all fittings needed for installation to existing plumbing. The AquaMotionHot Two recirculation pump installs between a dedicated return line and the existing water heater. The AquaMotionHot Two plugs into a standard wall outlet.

FEATURES AND BENEFITS

- **INSTANT HOT WATER** when you need it
- **3 DIFFERENT CIRCULATORS** for proper sizing in all residential and light commercial applications
- **AQUASTAT** with 8' cord senses water temperature to minimize run time. **SAVES UP TO 15,000 GALLONS** of water per year
- **KITS INCLUDE FITTINGS** for both PEX and copper tubing
- **OPTIONAL DIGITAL TIMER** with adjustable 7 day functions, as well as power failure protection that keeps its settings even after power outage or when unplugged.
- **3 YEAR LIMITED CIRCULATOR WARRANTY**
- **PATENTED ECO-CARTRIDGE™** allows all moving parts to be field serviced without the need for total replacement
- **FACTORY INSTALLED 10' LINE CORD** with ground plug
- **BICV™** - Built in check valve
- **LOWEST OPERATING COST** high efficiency allows energy savings up to 95% compared to constant run recirculation systems
- **PATENTED BEARING DESIGN** ensures long life reliable service
- **STAINLESS CONSTRUCTION**, all lead free parts
- **QUIET OPERATION**



AquaMotionHot Two

Dedicated Return-line System. Install on heat source, tank or tankless water heater. Pump, sensor, 10ft cord.

Kits

- AMK-ACT1 1/2" connections with Aquastat & timer
- AMK-AET1 3/4" connections with Aquastat & timer
- AMK-AC1 1/2" connections with Aquastat
- AMK-AE1 3/4" connections with Aquastat

AquaMotionHot™ Three On-Call™ Recirculation Systems

AquaMotionHot Three

USE: Point of use under sink installation (no return line required)

HOW IT WORKS: AquaMotionHot Three OnCall™ recirculation system maximizes efficiency by allowing the user to control when the circulator runs. The OnCall™ system uses one of three available options, a **motion sensor, remote countertop button, or wireless button**, to ensure that the circulator only runs when hot water is called for. The circulator only runs when the user activates the sensor or button. By operating the fewest times per day water and energy losses are minimized. AquaMotionHot Three meets all codes where required and operates for less than \$2 per year.

EASY TO INSTALL: AquaMotionHot Three requires no cutting of current piping to install. Installation requires connecting the two tee's and two hoses at existing attachments under the sink. The sensor of choice is installed either on the countertop as a **remote countertop button, on cabinet or wall as a wireless button, or as a motion sensor located in the room.**

*Product installs similar to AquaMotionHot One

Fluid Temp range	AquaMotionHot One: 176°F 80°C AquaMotionHot Two: 230°F 110°C AquaMotionHot Three: 230°F 110°C
Pressure ratings	125psi
Materials	Stainless Pump Housing and Cartridge, Ceramic Shaft, Carbon Impregnated Bearings, EPDM Elastomers

AquaMotionHot One Under-Sink System

Pump Model	Amp Draw	AquaStat
AM1-SU1LAM	.25	Built-In

AquaMotionHot Two Dedicated Return Line Systems

Pump Model	Return Pipe Length*	Amp Draw	AquaStat
AM3-SUV1L	½" Up to 70' ¾" Up to 300'	.46	Remote 8' Cord
AM6-SUV1L	½" Up to 200' ¾" Up to 800'	.54	Remote 8' Cord
AM7-SUV1L	½" Up to 350' ¾" Up to 1400'	.60	Remote 8' Cord

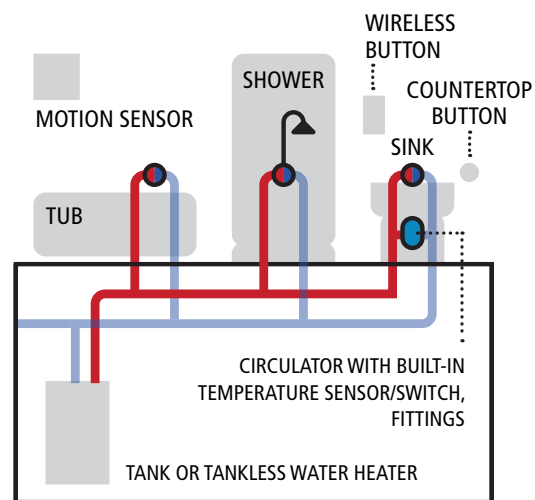
AquaMotionHot Three Under-Sink System

Pump Model	Total Pipe Length*	Amp Draw	AquaStat
AM3-SU1LAM	½" Up to 140' ¾" Up to 600'	.46	Built In
AM6-SU1LAM	½" Up to 400' ¾" Up to 1600'	.54	Built In
AM7-SU1LAM	½" Up to 3000' ¾" Up to 2800'	.60	Built In

*For tankless heater systems cut total pipe length in half

FEATURES AND BENEFITS

- **HOOK UP AND GO™** installation
- **THREE MODELS** with pump, fittings and hoses included (AMH3-K3, AMH3-K6, AMH3-K7)
- **REMOTE COUNTERTOP BUTTON** – meets code for through counter installation (Kit # AMK-CB)
- **WIRELESS REMOTE BUTTON** – on wall or side of cabinet installation (Kit # AMK-WB)
- **MOTION SENSOR** – operates automatically when user enters room (Kit # AMK-MS)
- **NO SCREENS** that periodically clog
- **COMPACT DESIGN** for under sink installation
- **BUILT IN, FAST ACTING TEMPERATURE SENSOR** makes the AquaMotionHot Three compact and intelligent
- **SAVES UP TO 15,000 GALLONS OF WATER PER YEAR**
- **3 YEAR LIMITED CIRCULATOR WARRANTY**



FEATURES AND BENEFITS

- **PATENTED ECO-CARTRIDGE™** allows all moving parts to be field serviced without the need for total replacement
- **LOWEST OPERATING COST** high efficiency allows energy savings up to 95% compared to systems without recirculation
- **PATENTED BEARING DESIGN** ensures long life reliable service
- **STAINLESS CONSTRUCTION** with all lead free parts
- **BICV™** built in check valve
- **QUIET OPERATION**

AquaMotion - Recirculation Circulators Performance Data

