

# MAC FAUCETS

## Owner's Manual Models: FA610 splash mount

### Installation procedure:

1. **Take a moment to view drawings and read “special Installation note” at the end of this manual before proceeding with installation.**
2. **\*\*If using splash plate, place plate on back splash immediately over center hole\*\*. If not, slide decorative cap and 2 S.S. washers over shank. Install new faucet by placing shank through the hole designated for spout.**
3. While behind sink install mounting nut over faucet shank and tighten well. (putty may be used around faucet hole to prevent water from leaking through faucet hole and behind the sink.
4. Fasten street elbow to faucet shank using plumber's tape or putty (not supplied).

**Before proceeding to step 5, purge both hot and cold water lines for at least a minute each at high volume. Purging water lines clears out dirt and debris that would otherwise find its way to screen filter within the solenoid valve.**

5. **\*\*\*For single water source system install cold water supply hose to street elbow. Do not substitute hot water for cold.**
6. **\*\*\*For dual water temp system install supplied hose to mixing valve and then to street elbow.**
7. Install hot and cold water supply hoses to mixing valve in no particular order.
8. Turn angle stops on. Check for leaks.

### Operation:

1. Place hands under spout and directly in front of neck mounted sensor, water will begin to flow out in less than a second, water flow rate is governed by aerator and supply pressure, water temperature is governed by selection at angle stops, as well as water temperature in supply pipes. PLEASE REMEMBER, AUTOMATIC FAUCETS EMPLOY “PRESENCE” NOT “MOTION” SENSORS. AN IDLE OBJECT PLACED DIRECTLY UNDERNEATH SPOUT WILL IMMEDIATELY ACTIVATE FAUCET.
2. Remove hands and water will cease to flow within 1-3 seconds.
3. If hands are left underneath spout for 60 seconds, water will automatically shut off. To initiate flow again move hands away from faucet and start at step 1.
4. When attempting to run water over small objects such as tooth brush, it may be necessary to bring object closer to sensor to initiate water flow, when water begins to flow, move object back under stream of water. Once user “gets the feel” of the faucet this step may be skipped.

### Battery Replacement Instructions:

Batteries should provide 9 to 12 months of reliable service mostly depending on the make of battery used and the frequency of usage among other factors. Battery weakness is indicated by constantly flashing led light within the sensor capsule. When replacing batteries please follow these simple steps:

1. Unfasten battery access cap located at the very bottom of faucet. Pull white battery enclosure out of faucet body. **Do not pull hard, this may cause battery compartment wires to sever.**
2. Loosen the 2 Philips screws holding battery enclosure cover on.
3. Replace batteries with **4 AAA Alkaline** batteries, make sure batteries are placed in their proper position.
4. Re-install battery pack into the Faucet body.
5. Test faucet prior to placing battery access cap back on.
6. Place battery access cap back on. **Hand tighten only.**

## Trouble Shooting:

*Faucet does not operate, red light does not blink:*

1. Batteries need replacing, replace batteries, see battery replacement instructions.

*Water flows out of faucet even though hands or objects are not present under spout:*

1. Objects (such as sink lip) are present in front of sensor. (see special installation note at the back page).

*Faucet does not operate, red light blinks in response to approaching objects:*

1. No water, very low water pressure in supply pipes, supply valves closed.
2. Water pressure very high, well above 115 PSI.
3. Screen filter severely clogged up.
4. Supply hoses severely kinked.

*Faucet leaks, drips:*

Constant leaks or drips indicate defective solenoid valve, send Faucet for repair or contact an authorized plumbing professional.

*Faucet continues to run for 30 -60 seconds after hands are removed:*

This very rare condition generally occurs due to over sensitivity on the part of the sensor, system water pressure well above 70psi and an over lit bathroom environment. This condition is always field curable.

1. Turn down water pressure at water flow adjustment valve or at both angle stops.
2. Adjust sensor range. See Sensor Range Adjustment in this manual.
3. Objects (such as sink lip) are present in front of sensor. (See special installation note at the back page).

### LIMITED WARRANTY

MAC FAUCETS WARRANT THIS FAUCET TO BE FREE OF DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF PURCHASE. MAC FAUCETS WILL REPLACE, FREE OF CHARGE, DURING THIS WARRANTY PERIOD, PARTS THAT PROVE DEFECTIVE WHEN PROPERLY INSTALLED AND UNDER NORMAL USE AND SERVICE. DAMAGE THAT OCCURS AS A RESULT OF ABUSE, IMPROPER INSTALLATION, ENVIRONMENTAL CONDITIONS, OR IMPROPER APPLICATION WILL VOID THIS WARRANTY. PRODUCTS MUST BE SHIPPED WITH POSTAGE AND HANDLING PREPAID, ALONG WITH DATED PROOF OF PURCHASE. THIS WARRANTY DOES NOT COVER INSTALLATION OR ANY OTHER LABOR CHARGES., IT DOES NOT COVER SHIPPING AND HANDLING OF BOTH REPLACEMENT PARTS AND RETURNED DEFECTIVE PARTS. PRODUCTS OR COMPONENTS THAT HAVE BEEN ALTERED OR IN ANY WAY MODIFIED WILL NOT BE COVERED UNDER THIS WARRANTY. REPLACEMENT PARTS ARE UNDER WARRANTY ONLY FOR THE REMAINING PERIOD UNDER THE INITIAL WARRANTY. SOME STATES DO NOT ALLOW FOR EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGE.

# Special Installation Note

Automatic faucets are design to perform properly in a variety of applications. There are some conditions, however, that may adversely impact the faucet's ability to perform. Please note the following conditions prior to installing you new faucet:

1. Your automatic faucet is designed for indoor applications. This faucet is not designed for outdoor applications.
2. Avoid installing your new faucet in direct sunlight. Direct sunlight that is focused on sensor will temporarily disable faucet's sensing capabilities.
3. If you choose to install your faucet to one water source only, **do not install to hot water only** as this may result in scalding injury.
4. **Important:** Before connecting supply lines to faucet, purge both hot and cold water lines for at least one minute each at high volume. Purging water lines clears out dirt and debris that would otherwise find its way to screen filter within the solenoid valve.
5. **Important:** Do not use pipe putty on water connection to faucet. Pipe putty may cause immediate and irreversible damage to solenoid valve. Please use Teflon tape instead.
6. **Important:** If you do not plan on using faucet immediately after installation (within 30 days of installation), disconnect water source to faucet and unload the water pressure that may be present in faucet.

## **MAC FAUCETS**

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# MAC FAUCETS

## Installation Drawings

Models: FA610 splash mount

