

22898K-4 Touchless Kitchen Faucet

BEFORE YOU BEGIN

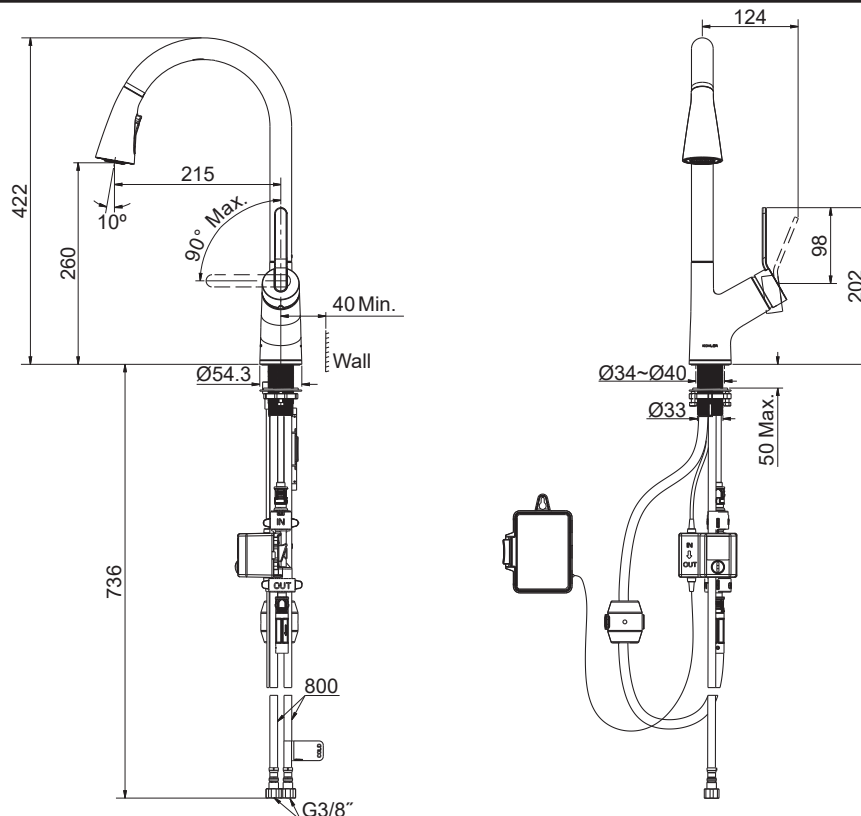
All information is based on the latest product information available at the time of publication. Kohler Co. reserves the right to make changes in product characteristics, packaging, or availability at any time without notice.

Please leave these instructions for the consumer. They contain important information.

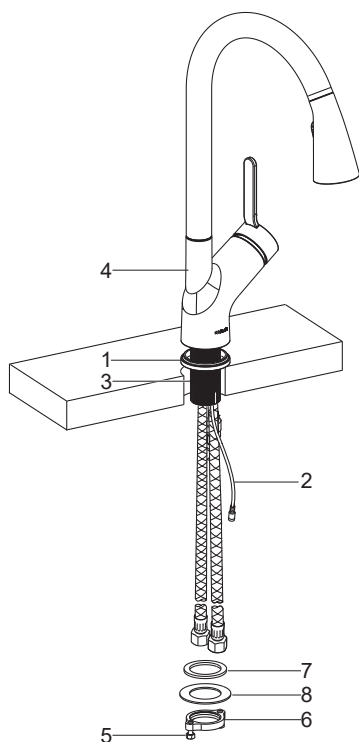
NOTE:

1. Flush the water supply pipes thoroughly to remove debris.
2. For new installations, install the faucet to sink before installing.
3. The highest working pressure for sprayhead is 0.5MPa(5bar). If it exceeds 0.5MPa(5bar), a pressure reducer is needed. The highest water and environment temperature is 60°C. Please keep sprayhead away from heater, or it may become damaged and cause injury to the user.
4. **Risk of injury or property damage.** Please read all instructions thoroughly before beginning installation.
5. **Risk of property damage.** The faucet spout contains a magnet. Do not allow items susceptible to electromagnetic damage to come into close proximity to the spout.
6. Follow all plumbing, electrical, and building codes.
7. **Risk of fresh water contamination.** This faucet contains back-siphonage protection. Do not remove any internal components.
8. **Risk of product damage.** This product contains sensitive electronic components. Do not store open containers of chemical or cleaning products near this product.
9. When locating the battery box, make sure the spray hose weight will not interfere with the valve box or wire connections.
10. Allow adequate clearance for servicing.
 - 1) Before installing the faucet make sure the cabinet area under the sink can accommodate all of the required components.
 - 2) Consider loose fitting the connections covered in the following steps to make sure that the battery box location allows enough clearance for the operational use of the spray hose and weight.

ROUGH-IN DIMENSIONS



INSTALLATION



How to Install the Faucet

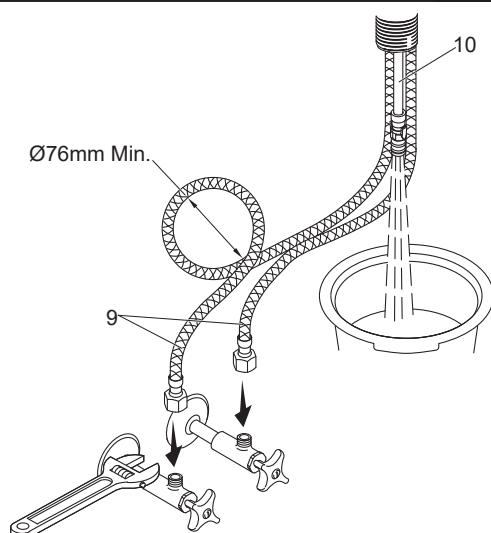
□ Slide the base(1, foam side down) over the hoses, wire(2) and shank(3) until it contacts the faucet(4) bottom.

□ Insert the faucet assembly into the mounting hole from upside of the sink with the handle on the right.

□ Partially thread the screws(5) into the screw holes of the threaded ring(6).

□ From underside of the sink, slide the rubber washer(7), washer(8) and threaded ring(6) over the hoses, wire(2) and shank(3). Thread the threaded ring onto the shank until the washers contact the underside of the sink. Make sure the faucet is positioned correctly.

□ Tighten the screws(5).

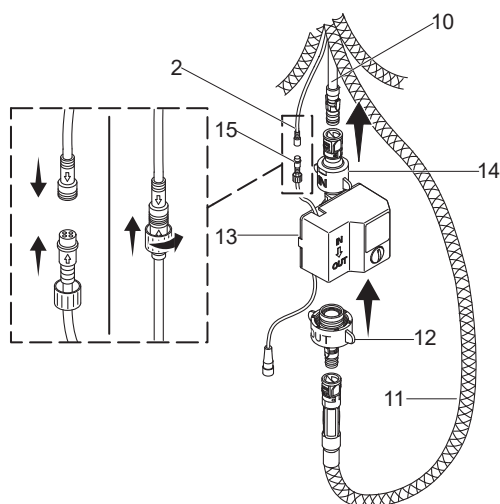


How to Connect the Hoses

□ Connect and tighten the supply hoses(9) to water supplies. The supply hose with “COLD” label should be connected to cold water. Another hose should be connected to hot water.

□ Open hot and cold water supplies. Turn on the faucet. Flush hot and cold water for about one minute to remove any debris. Shut off the faucet and water supplies.

NOTE: Supply hoses must not be taut, kinked, or twisted during installation. If the supply hoses must be coiled, maintain an inside diameter of minimum Ø76mm.



How to Install the Valve Box

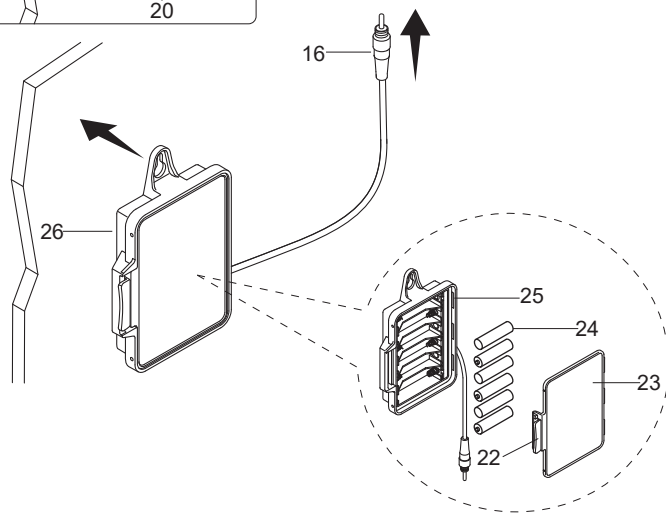
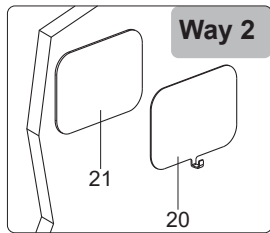
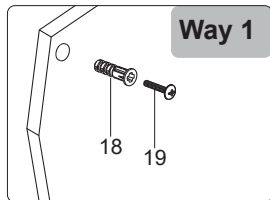
IMPORTANT! Risk of restricted waterflow. The spray hose(11) must not be taut or kinked when installed.

□ Handtighten the valve box outlet fitting(12) onto the valve box(13).

□ Push the spray hose(11) connector onto the valve box outlet fitting(12) until a click is heard.

□ Push the valve box inlet fitting(14) onto the outlet tube (10) until a click is heard.

□ Connect the sensor wire(2) to the wire(15) on the valve box. Align the arrows on both connectors and push together. Tighten the nut to secure the connection.



How to Install the Battery Box

NOTE: Before selecting a location for the battery box, verify that the battery box wire(16) will reach the power wire(17) on the valve box.

□According to the actual conditions, select one of the installation ways as follows.

Way 1: Screw and anchor

1) Select a suitable location on the wall and drill a hole as the anchor(18) diameter.

2) Press the anchor into the hole, and then screw the screw (19) into the anchor.

Way 2: 3M double sided tape and hook (Only apply for flat and smooth walls.)

1) Clean the hook(20) backside and installed location of the wall. Be sure to remove oil, water and dust.

2) After the surface is dry, tear off one paper of the 3M double sided tape(21), stick it on the hook backside, and press it evenly for a while after bonding.

3) Tear off another paper of the 3M double sided tape. Ensure the hook is horizontal and in the right place, and then paste it onto the wall and press it firmly.

□Press the tab(22) on the battery cover(23) to remove.

Insert six AA batteries(24) into the battery holder(25).

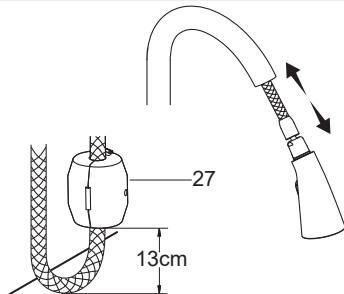
Reinstall the battery cover on the battery holder.

NOTE: Do not use rechargeable or lithium-ion batteries.

□Hang the battery box(26) on the screw(19) or hook(20).

Connect the battery box wire(16) to the power wire(17) on the valve box.

□After using for a period of time, if the LED light under the spout flashes red, it indicates the battery power is too low, please replaced the battery.



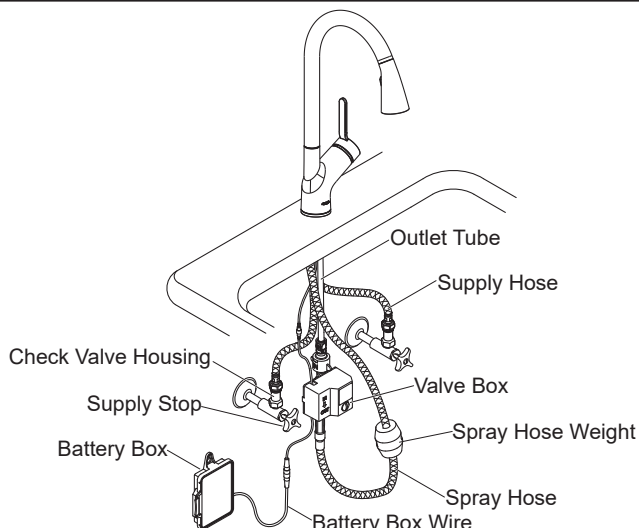
How to Install the Spray Hose Weight

NOTE: Make sure the spray hose weight(27) will not interfere with the valve box or wire connections.

□Adjust the weight to the appropriate position so that it is about 13cm away from the U-shaped bottom of the spray hose and squeeze to connect the clasp.

□Extend and retract the spray hose to check for smooth operation.

INSTALLATION CHECKOUT



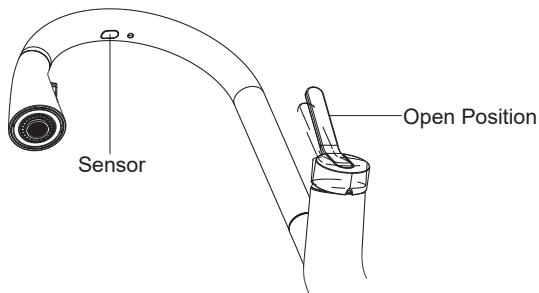
□Ensure that all connections are tight.

□Ensure that the handle is in the off position.

□Turn on the main water supplies and drain.

□Check all connections for leaks. Repair as needed.

OPERATION INSTRUCTION



Faucet Operation

- ☐ Rotate the handle outward to the open position. If the valve is turned on, it will start water flow automatically. If the valve is not turned on, it will not start water flow, wave your hand under the spout to turn on the valve. After 4 minutes of inactivity, the water will automatically shut OFF, wave your hand under the spout again to turn the water ON.
- ☐ Adjust the handle to the desired water temperature.
- ☐ Wave your hand under the spout again to turn the water OFF.

NOTE:

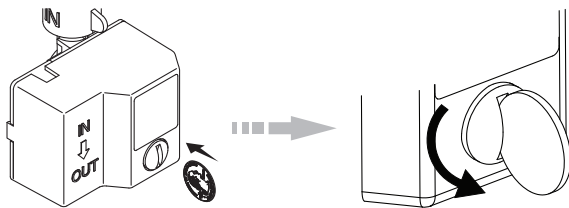
- ☐ For extended periods of nonuse, the handle should be returned to the closed (upright) position.
- ☐ Keep the sensor away from the steam.

LED Indicator

- ☐ When the batteries are low, the red LED on the sensor will flash for 15 days.

Features

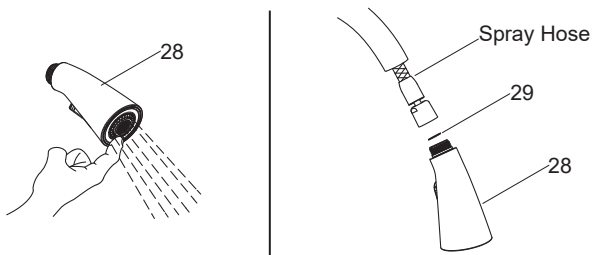
- ☐ Automatic shut-off: After 4 minutes of inactivity, the water will automatically shut OFF.
- ☐ Activate the sensor in 0-125mm.



Manual Sensor Override

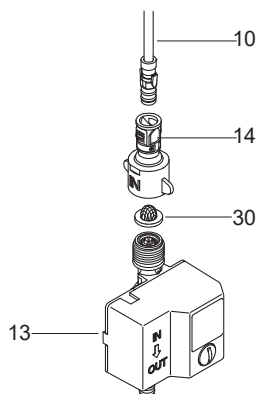
- ☐ In case of power loss, the sensor function can be bypassed by engaging the manual override feature on the valve box. Use a coin to turn full counter-clockwise to engage manual override and operate the faucet manually.
- ☐ Once the manual override is engaged, the faucet can then be operated manually only.

CARE AND MAINTENANCE



How to Clean the Sprayhead Screen

- ☐ With the water running, rub the sprayhead(28) nozzles to dislodge debris.
- ☐ To improve the water flow, turn off the faucet. Disconnect the sprayhead(28) from the nut at the end of the spray hose. Remove and clean the screen(29) inside the sprayhead. Reinsert the screen and reconnect the sprayhead.



How to Clean the Inlet Screen of the Valve Box

- ☐ Turn the handle to the closed position.
- ☐ Disconnect the inlet fitting(14) from the outlet tube(10).
- ☐ Unscrew the inlet fitting from the valve box(13).
- ☐ Remove and clean the inlet screen(30) inside the inlet fitting.
- ☐ Reinstall the inlet screen into the inlet fitting. Reconnect the valve box and outlet tube with the inlet fitting.

TROUBLESHOOTING

CAUTION: Risk of product damage. This product contains sensitive electronic components. Use care not to damage pins and connectors during troubleshooting.

Faucet Troubleshooting Table

Symptoms	Probable Causes	Recommended Actions
1. No water flow.	A. The supply stops are closed. B. Handle is in the closed position. C. The hot and/or cold supply hose is kinked. D. Battery power is low or exhausted. E. Clogged sprayhead or valve box screen.	A. Confirm the supply stops are open. B. Rotate the handle to the open position. Refer to the "Operation Instruction" section. C. Confirm the supply hoses are not kinked. If coiled, maintain an inside diameter of minimum Ø76mm. D. Check for a red flashing LED on the sensor. If it flashes red, refer to the "How to Install the Batteries" section. E. Refer to the "Care and maintenance" section.
2. Low water flow.	A. The supply stops are partially closed. B. Handle is partially closed. C. The hot and/or cold supply hose is kinked or twisted. D. One or more screens are clogged. E. Cracked diaphragm.	A. Confirm the supply stops are fully open. B. Rotate the handle to the full open position. C. Confirm the supply hoses are not kinked or twisted. If coiled, maintain an inside diameter of minimum Ø76mm. D. Refer to the "Care and maintenance" section. E. Replace the valve box assembly.
3. Poor spray pattern.	A. The spray nozzles are clogged.	A. Rub your finger over the nozzles with water running to dislodge debris.
4. Water drip or trickle when faucet is not in use.	A. Manual override is partially engaged.	A. Turn the manual override counter-clockwise as far as possible. Then turn the manual override clockwise until the water stops dripping.

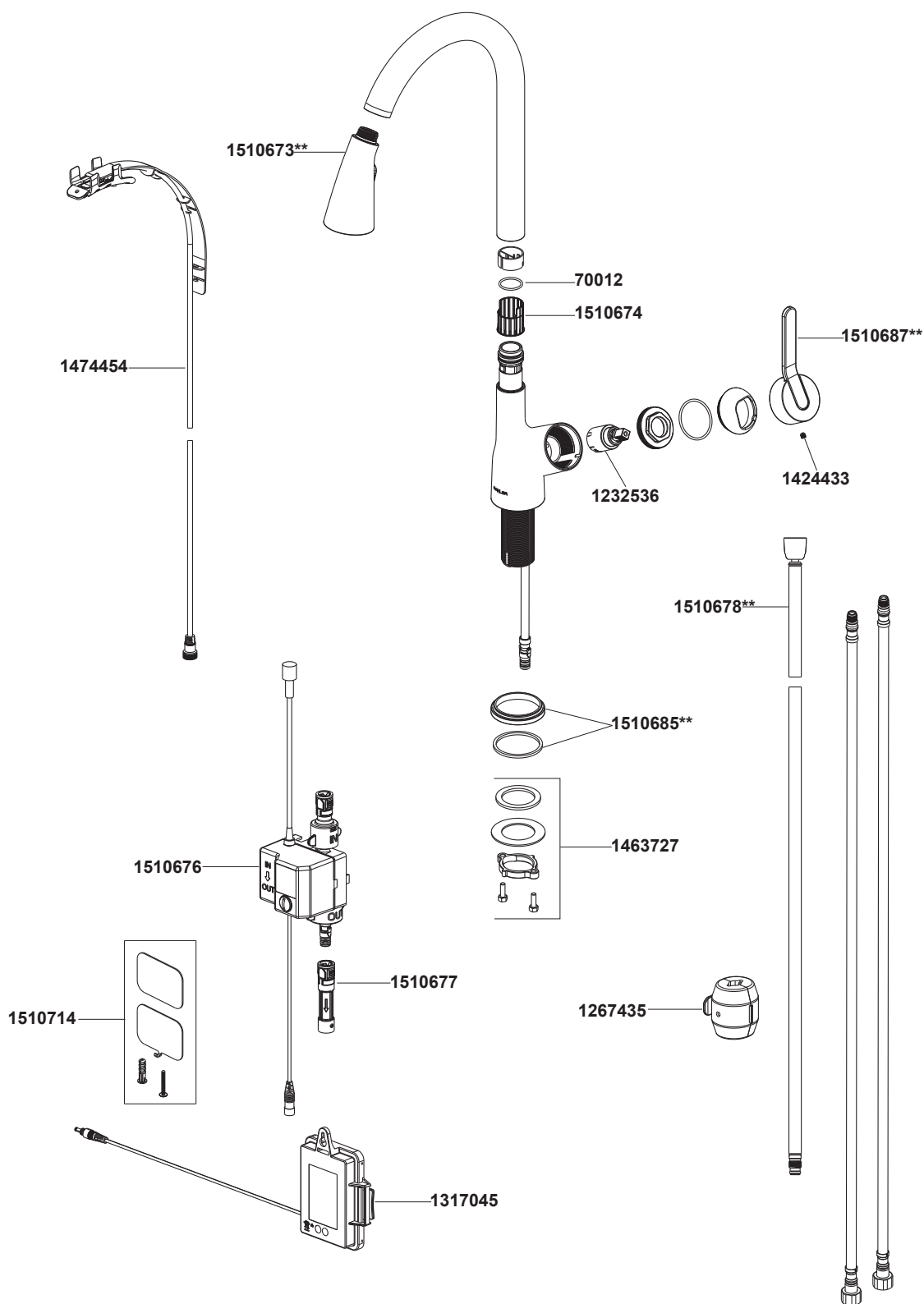
Valve Box Troubleshooting Table

Symptoms	Probable Causes	Recommended Actions
1. Water leaking from the valve box.	A. Hose connections are not secure. B. Internal leak.	A. Turn off the main power and water supply. Check all connections. Make adjustments as needed. B. Replace the valve box.
2. No audible "click" when the valve is activated.	A. Loose valve box wire connection. B. Valve is not functioning.	A. Check the valve box wire connection. B. Replace the valve box.

Sensor Troubleshooting Table

Symptoms	Probable Causes	Recommended Actions
1. Intermittent sensor operation.	A. Debris on the sensor lens. B. Sensor is detecting steam.	A. Use mild soap and water to gently remove debris from the sensor lens. B. Rotate the spout away from the steam.

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**Color code must be specified when ordering.