

77748T-4 感应厨房龙头

安装之前

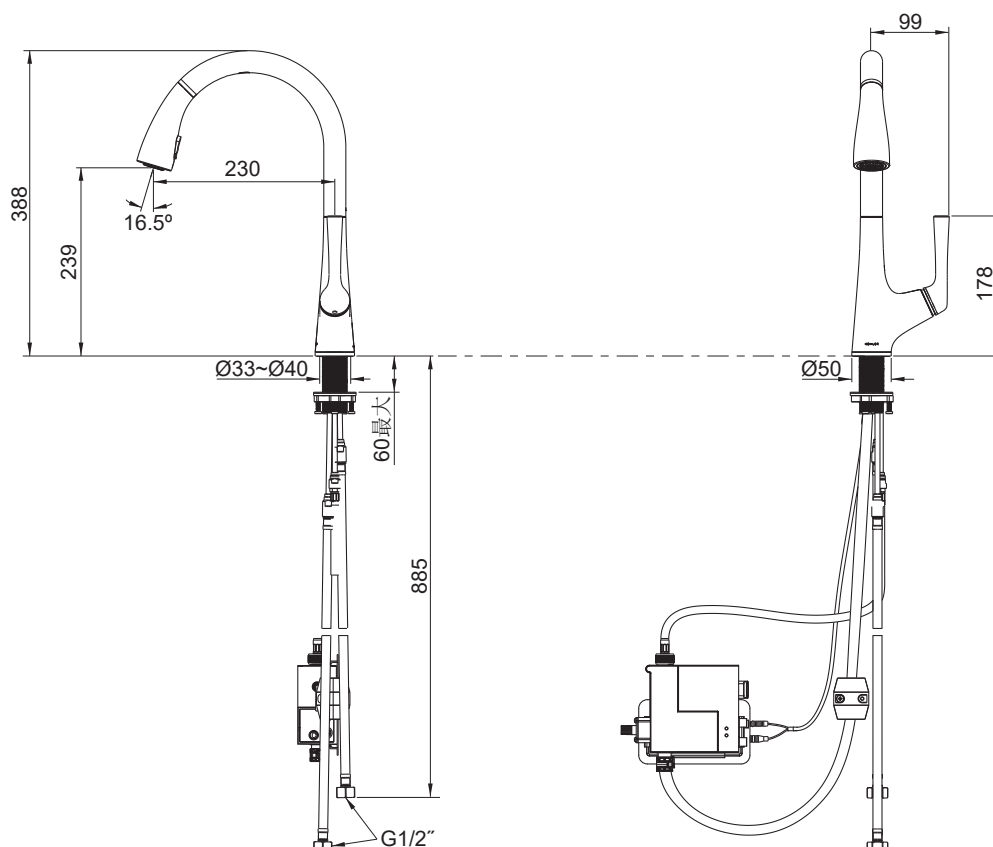
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说明书包括重要的安装、保养及清洁方面的内容，请把这些资料交给用户阅读。

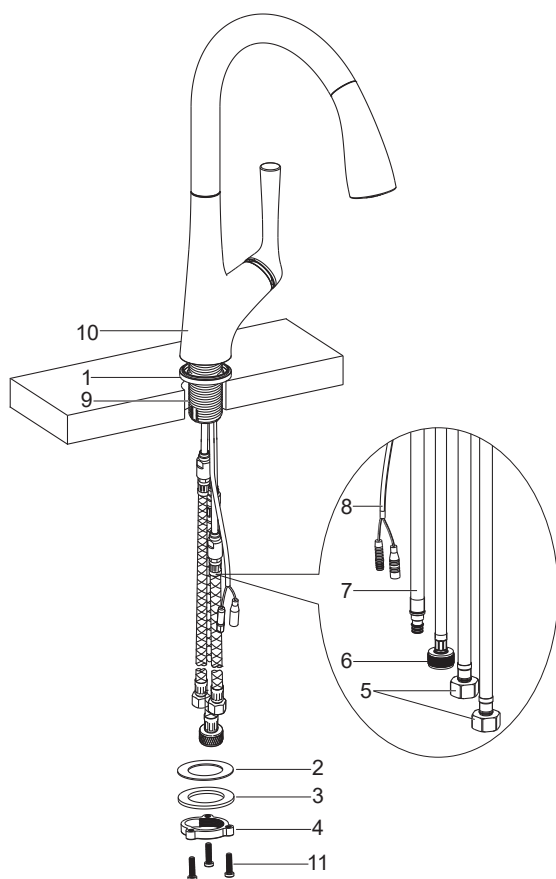
注意事项：

1. 一定要先彻底冲洗供水管以清除管道中的杂质。
2. 如果是安装新的洗涤盆，可将水龙头先装到洗涤盆上。
3. 花洒最高工作压力：0.5MPa(5bar)。水压超过0.5MPa(5bar)时必须安装减压阀。花洒最高工作温度及环境温度：60°C。请特别注意花洒同花洒连接的臂管须远离加热器，否则可能损坏花洒及其密封件，甚至对使用者造成伤害。
4. **人身损害或财产损失风险。** 开始安装前，请从头到尾阅读产品说明。
5. **财产损失风险。** 水龙头出水口里有一块磁铁。切勿让易受电磁损坏的物品靠近出水口。
6. 严格遵守一切管道铺设、电气和建筑规范。
7. **淡水污染风险。** 这个水龙头有反虹吸保护装置。切勿拆下任何内部部件。
8. **产品损坏风险。** 本产品含有敏感的电子元件。切勿将打开的化学或清洁产品容器存放在本产品附近。
9. 安装电子阀支架时，确保重锤不干涉电子阀或电线连接。
10. 留出足够的维修空间：
 - ①安装水龙头之前，确保水槽下面的橱柜区域能够容纳所有需要的组件。
 - ②考虑后续步骤中涉及到的连接，确保支架位置留有足够的空间用于花洒软管和重锤的操作使用。

安装尺寸



安装步骤



如何安装水龙头

注意：为使安装顺利，在指示需滑动底座(1)、垫片(2、3)和安装环(4)到软管(5、6、7)和电线(8)上时，请按如下顺序：供水软管(5)、出水软管(6)、花洒软管(7)和电线(8)。

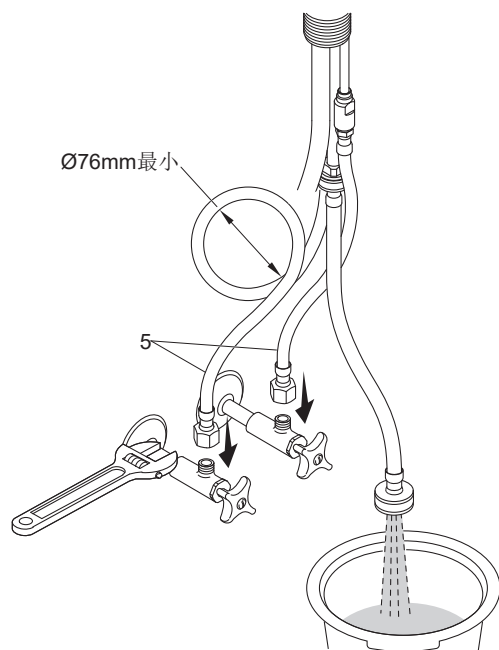
□滑动底座(1，有泡沫的面朝下)到软管(5、6、7)、电线(8)和牙管(9)上，并置于水龙头(10)底部。

□从厨盆上方将水龙头组件插入台面安装孔中，使底座底部接触台面，且把手置于右边。

□确保螺钉(11)旋入安装环(4)螺钉孔。

□从厨盆下方依次分别滑动橡胶垫片(2)、垫片(3)和安装环(4)到软管(5、6、7)、电线(8)和牙管(9)上，旋紧安装环直至垫片紧贴厨盆底部，确保水龙头位置正确。

□用十字螺丝刀拧紧螺钉(11)以固定水龙头。

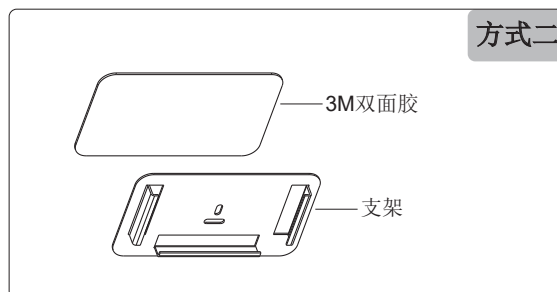
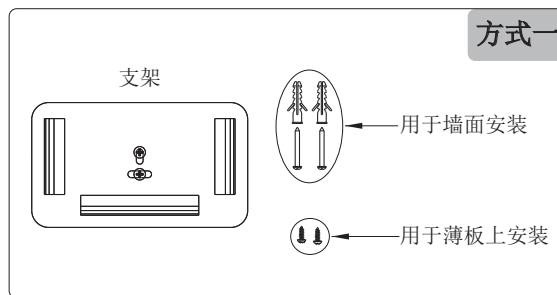
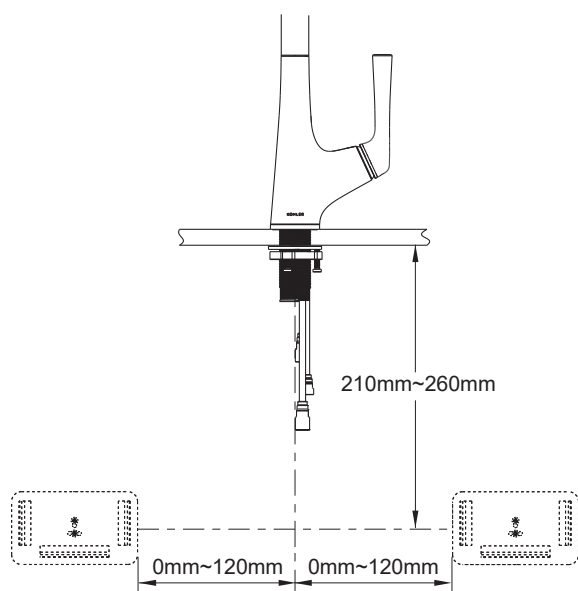


如何连接软管

□把供水软管(5)连接到水源上，有蓝色标记的软管连接冷水，有红色标记的软管连接热水。

□打开冷热水源及龙头把手，让水流出约一分钟左右后，关上把手及冷热水源，以清除管道中的杂质。

注意：安装过程中，供水软管不得绷紧、打结或缠绕。如不得不盘绕，则保持不小于Ø76mm的内径。



如何安装支架

注意：①支架必须水平安装。②留出足够的维修空间。

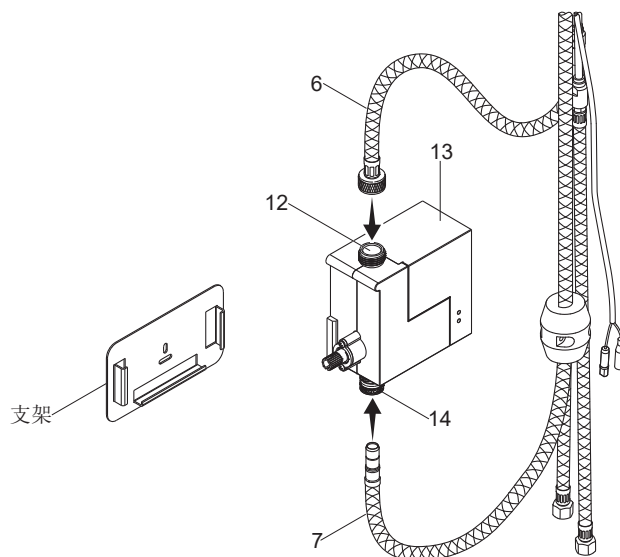
□安装方式一：锁紧螺钉以固定支架。

□安装方式二：仅适用于平整、光滑的墙面。

①清洁支架背面及墙面被贴位置，去除油污、水渍以及灰尘等；

②待表面干燥后，撕开3M双面胶一面的离型纸，贴于支架的背面，贴合后均匀按压一会；

③撕开双面胶另一面离型纸，在保证支架方向及水平位置后，将支架粘贴在墙面上，按压使其牢固贴合。



如何安装电子阀

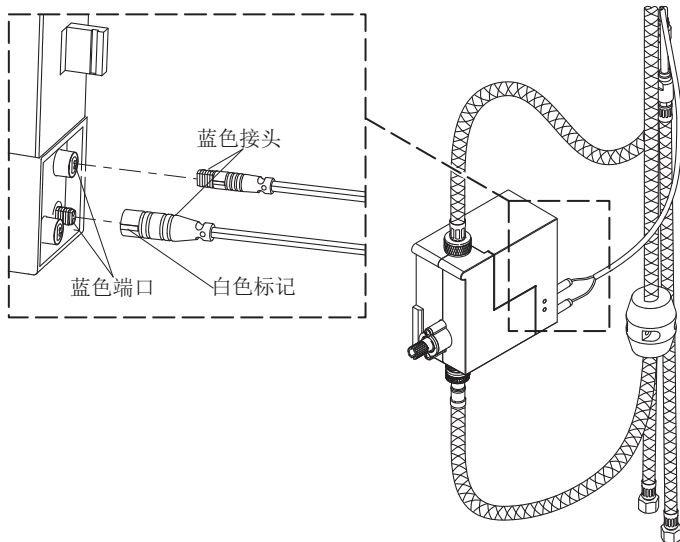
重要！限流风险。安装过程中，出水软管(6)不得绷紧或打结。

注意：用手拧紧出水软管接头。不要使用钳子或扳手。

□将出水软管拧到电子阀进水口(12)。

□将电子阀(13)套在已安装好的支架上。

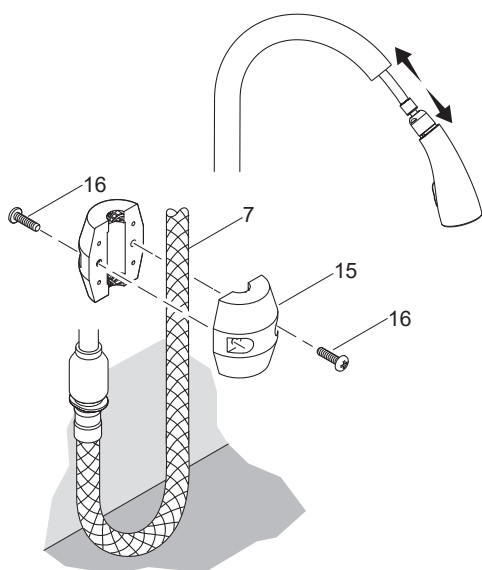
□将花洒软管(7)连接到电子阀出水口(14)。确保卡入到位，连接牢固。



如何连接电线

□ 连接蓝色接头到电子阀上的蓝色端口。接头上的白色标记须朝前方。

注意：电子阀所有电线连接完成后，需等待15秒才能开始工作。



如何安装重锤

注意：确保重锤(15)不干涉电子阀或电线连接。

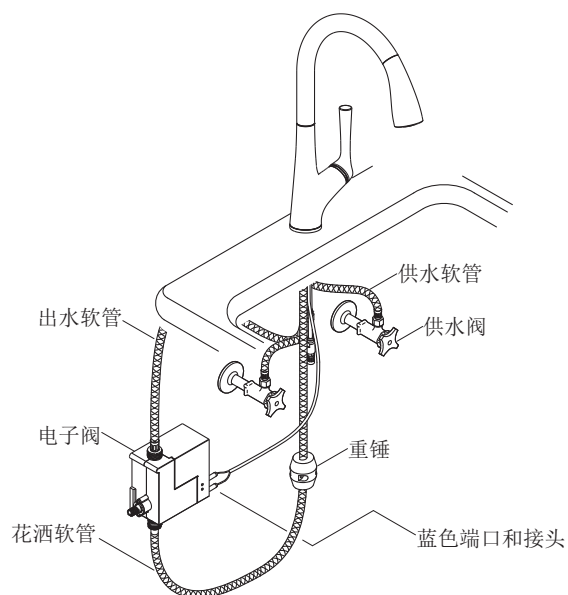
□ 松松地将重锤连接到花洒软管(7)上。

□ 将重锤调整到合适位置。

□ 拧紧两个螺钉(16)将重锤固定到位。

□ 测试抽拉效果，检查是否抽拉顺畅。

安装结果检查



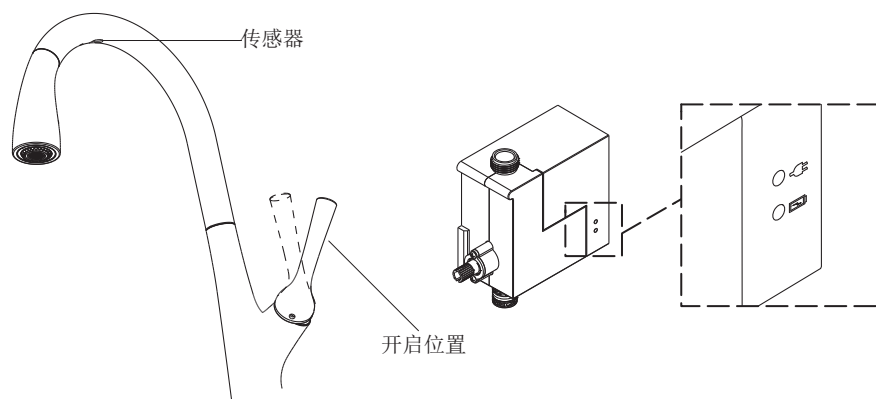
□ 检查并确保所有衔接处都已拧紧。

□ 确保把手在关闭位置。

□ 打开主水源和排水系统。

□ 检查并修理有漏水的接口。

使用说明



龙头操作

- 向外旋转把手至打开位置，如电子阀已开启，则龙头自动出水；如电子阀未开启，则龙头不出水，需挥手感应开启电子阀。持续4分钟不操作后，龙头出水自动关闭，需重新挥手感应开启龙头出水。
- 调节把手至所需水温。
- 伸手在出水口下方再次挥动以关闭出水。

注意：

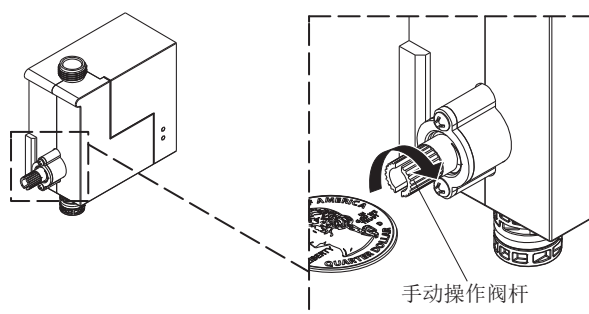
- 长时间不使用时，应将把手旋转回关闭(直立)位置。
- 传感器需远离蒸汽。

电子阀LED灯指示说明

- 绿色LED：表示已安装并连接交流插头。
- 红色LED闪烁：表示电池电量不足。

特征

- 自动关闭：闲置4分钟后，会自动关闭出水。



手动操作

- 在断电的情况下，感应功能将失效，可以手动操作电子阀上的手动操作阀杆。
- 用硬币顺时针转动手动操作阀杆到位启动手动操作功能，逆时针转动到位关闭手动操作功能。
- 一旦打开手动操作功能，水龙头仅能通过手动控制。

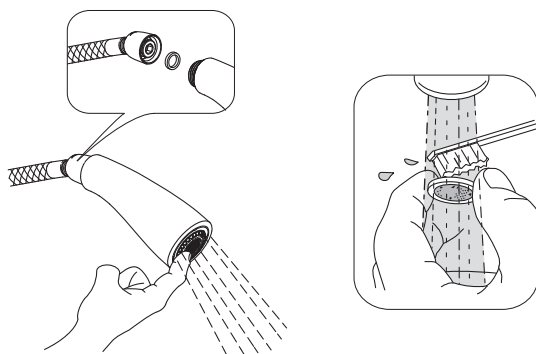
故障检修

警告：产品损坏风险。 本产品含有敏感的电子元件。在故障排除过程中，小心不要损坏销子和接头。

龙头故障检修表

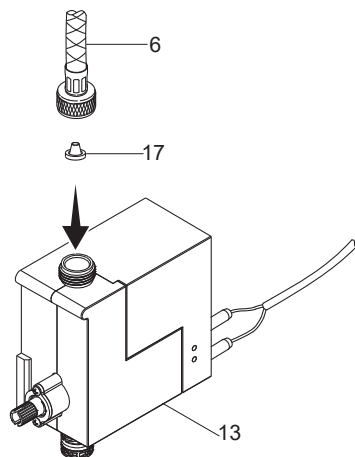
故障现象	可能的原因	推荐解决方式
1. 产品不出水。	A. 供水阀关闭。 B. 龙头把手关闭。 C. 冷和/或热供水软管缠绕打结。 D. 出水软管缠绕打结。 E. 电池电量不足或耗尽。 F. 一个或多个滤网堵塞。	A. 确认供水阀打开。 B. 转动把手至打开位置。参考“使用说明”。 C. 确认供水软管没有缠绕打结。如盘绕，则保持不小于 $\varnothing 76\text{mm}$ 的内径。 D. 确认支架是否按要求安装。 E. 检查电子阀上的红色LED指示灯是否闪烁。如出现闪烁，参考电子阀说明书1441903-2更换电池。 F. 参考“维护与保养”。
2. 低水流。	A. 供水阀部分关闭。 B. 龙头把手部分关闭。 C. 冷和/或热供水软管缠绕打结。 D. 出水软管缠绕打结。 E. 一个或多个滤网堵塞。 F. 隔膜破裂。	A. 确认供水阀完全打开。 B. 转动把手至完全打开位置。 C. 确认供水软管没有缠绕打结。如盘绕，则保持不小于 $\varnothing 76\text{mm}$ 的内径。 D. 确认支架是否按要求安装。 E. 参考“维护与保养”。 F. 更换电子阀组件。
3. 喷头模式不良。	A. 喷嘴堵塞。	A. 打开龙头，用手指揉搓喷嘴以清除杂质。
4. 水龙头不使用时滴水或滴漏。	A. 手动操作功能部分接入。	A. 用硬币顺时针转动电子阀上的阀杆直至拧不动，然后逆时针转动直至滴漏停止。

维护与保养



如何清洗花洒头滤网垫片

- ☐ 打开龙头，揉搓喷嘴以清除杂质。
- ☐ 当有杂质使水流变小时，取下花洒头，清洗滤网垫片。重新装回即可。



如何清洗电子阀进水滤网

- ☐ 关闭龙头。
- ☐ 将出水软管(6)与电子阀(13)断开。
- ☐ 从电子阀内部拆下并清洁进水滤网(17)。
- ☐ 装回进水滤网，并重新连接出水软管。

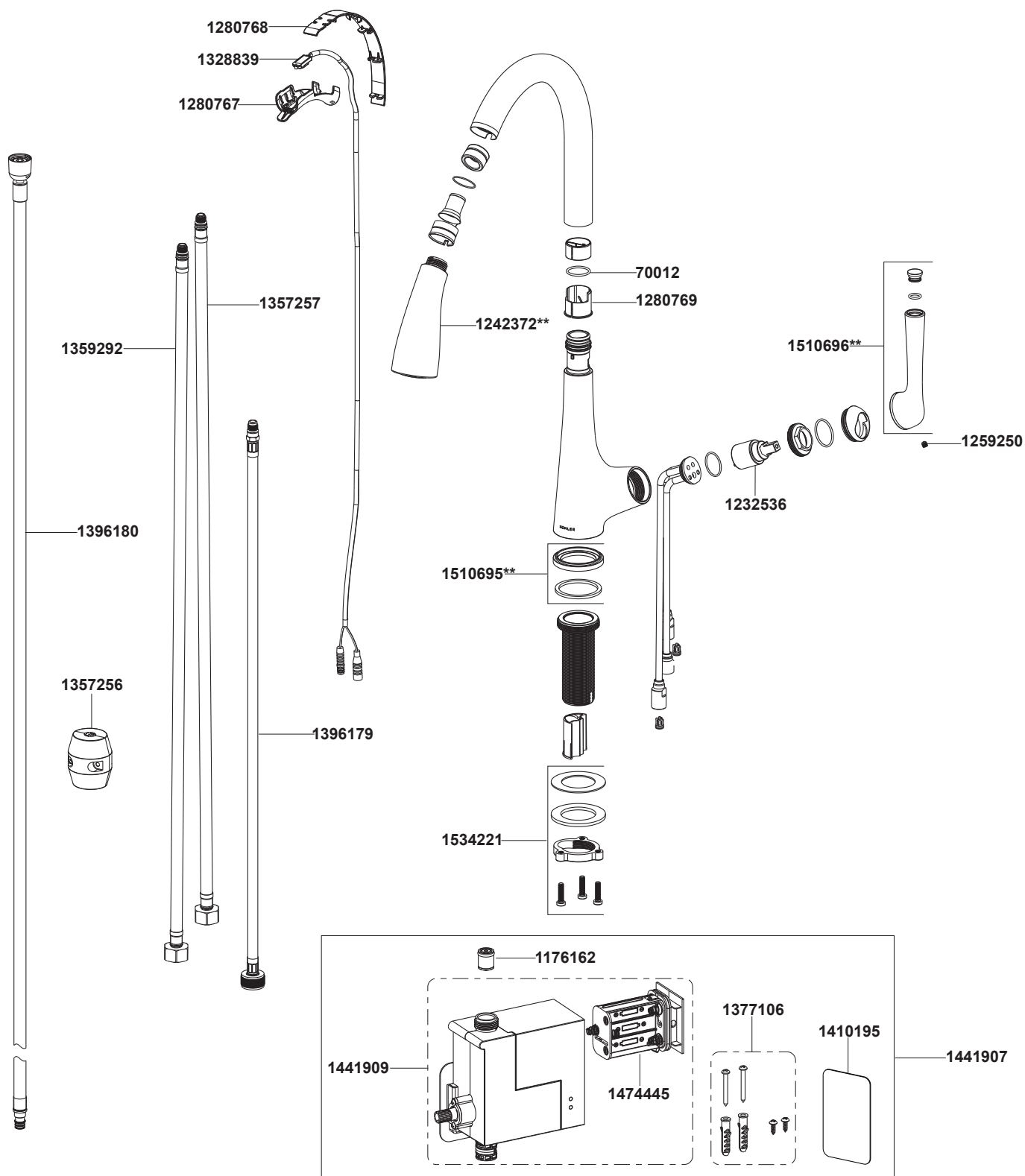
清洗说明

适用于所有加工处理过的表面：以中性肥皂水清洗镀层表面，再以干净软布彻底擦干整个表面，许多清洁剂，比如氨水、去污粉及洁厕灵等，会对电镀表面造成伤害，切忌使用。

有磨损性的清洁用具或清洁剂也不可使用于科勒牌的水龙头及其配件上。

龙头本体背面标有“LEAD FREE”字样，即产品符合美国AB1953法令的要求。

77748T-4 感应厨房龙头



**订购时请说明颜色编号

77748T-4 Touchless Kitchen Faucet

BEFORE YOU BEGIN

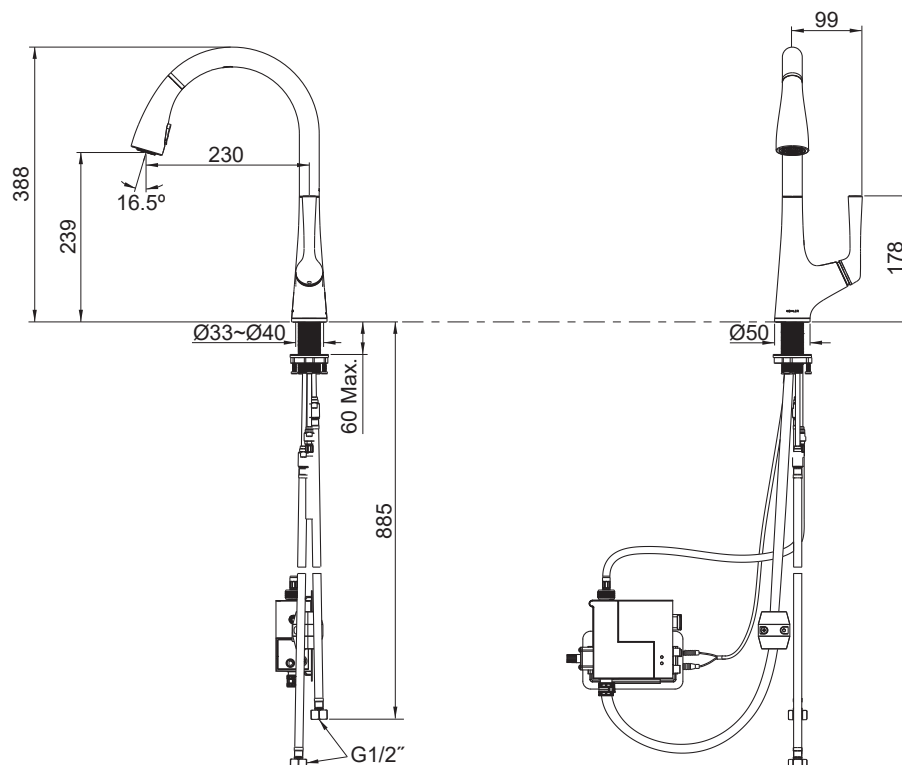
All information is based on the latest product information available at the time of publication. Kohler Co. reserves the right to make changes in product characteristics, packaging, or availability at any time without notice.

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

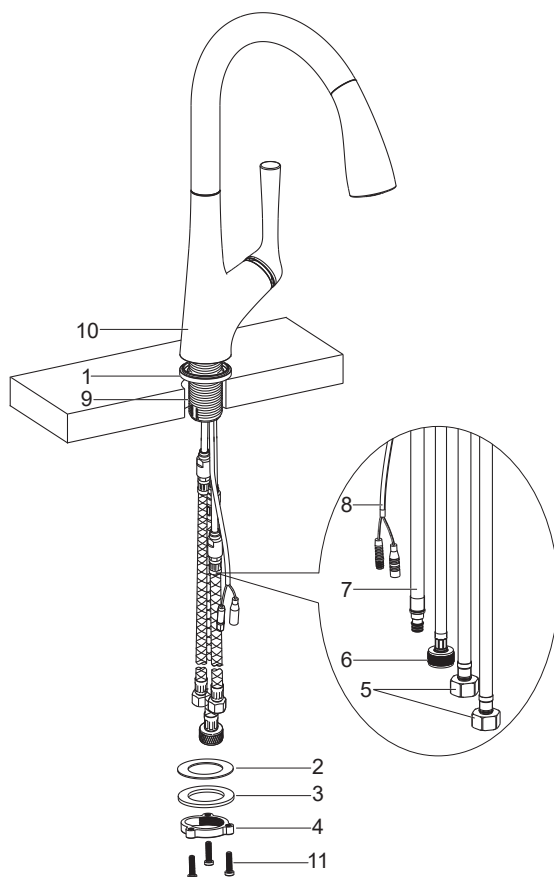
NOTE:

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 valve box bracket make sure that 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 the bracket location allows enough clearance for the operational use of the spray hose and weight.

ROUGH-IN DIMENSIONS



INSTALLATION



How to Install the Faucet

NOTE: To easy installation, when need to slide the base(1), washer(2, 3) and threaded ring(4) over the hoses(5, 6, 7) and wire(8), please following below sequence: supply hoses(5), outlet hose(6), spray hose(7) and wire(8).

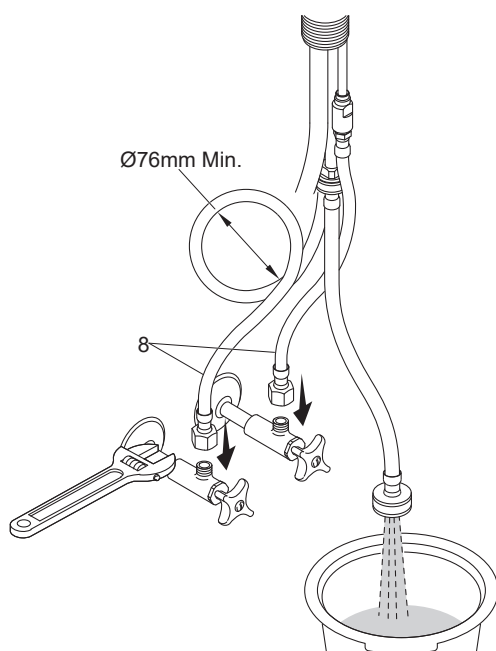
□ Slide the base(1, foam side down) over the hoses(5, 6, 7), wire(8) and shank(9) until it contacts the faucet bottom.

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

□ Pre-install the screws(11) into the screw holes of the threaded ring(4).

□ From underside of the sink, slide the rubber washer(2), washer(3) and threaded ring(4) over the hoses(5, 6, 7), wire(8) and shank(9). Thread the threaded ring onto the shank until the washers contact the underside of the sink. Make sure the faucet is positioned correctly.

□ Use a Phillips screwdriver to securely tighten the screws(11).

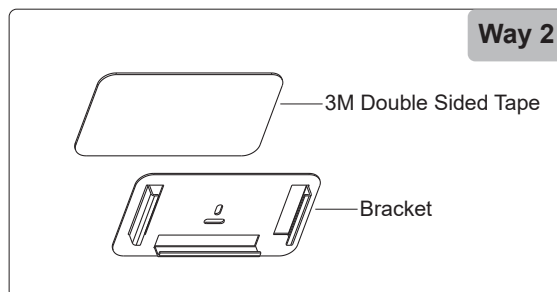
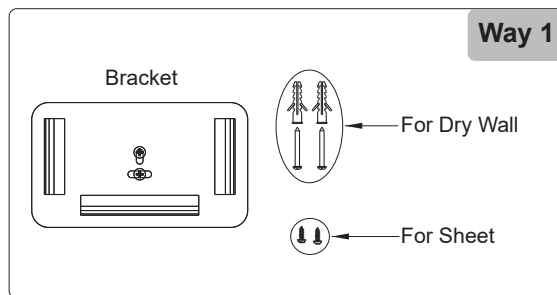
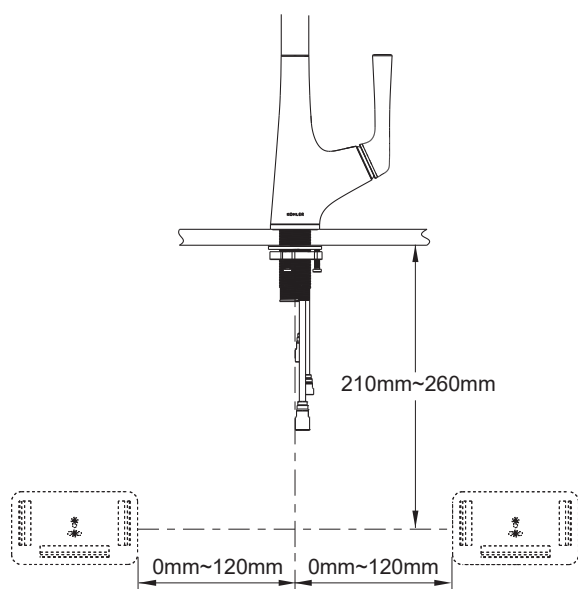


How to Connect the Hoses

☐ Connect and tighten the supply hoses(5) to water supplies. The hose with blue mark is connected to cold water. The hose with red mark is connected to hot water.

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

NOTE: 1) The bracket must be installed horizontally. 2) Allow adequate clearance for servicing.

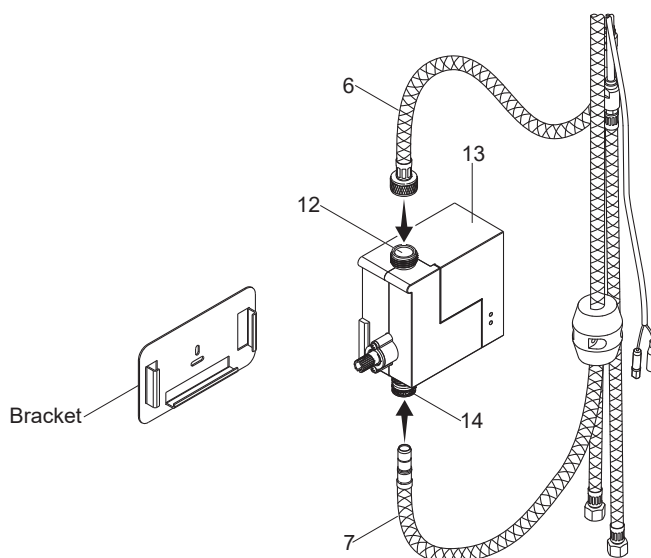
□Way 1: Secure the bracket with the provided mounting screws.

□Way 2: Only apply for flat and smooth walls.

1) Clean the bracket 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, stick it on the bracket backside, and press it evenly for a while after bonding.

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



How to Install the Valve Box

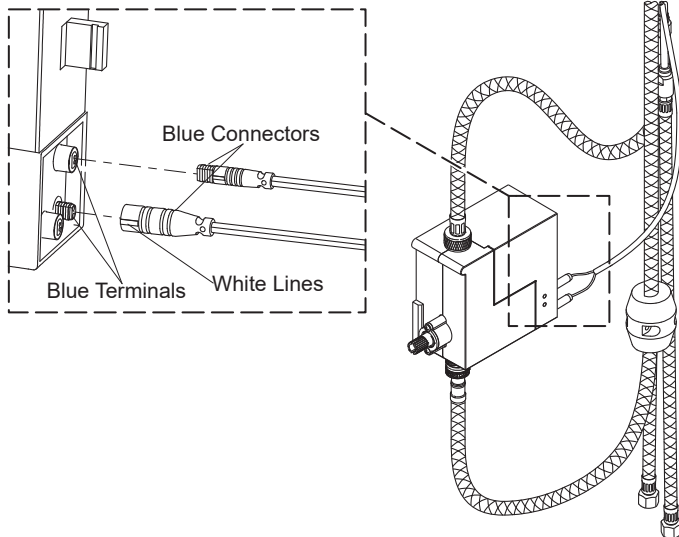
IMPORTANT! Risk of restricted waterflow. The outlet hose(6) must not be taut or kinked when installed.

NOTE: Tighten the outlet hose connector by hand. Do not use a pliers or a wrench.

□Thread the outlet hose onto the valve inlet(12).

□Slide the valve box(13) into the mounted bracket.

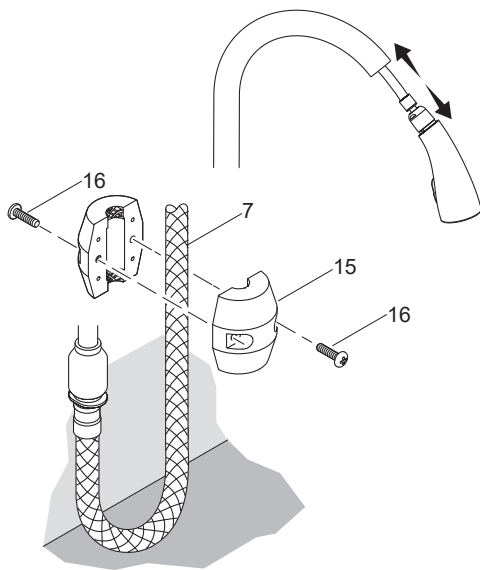
□Connect the spray hose(7) to the valve box outlet(14). It will click into place when the connection is secure.



How to Connect the Wires

☐ Connect the blue connectors to the blue terminals on the valve box. The white lines on the connectors should face the front of the valve box.

NOTE: After all wires of the valve box are connected, it will take 15 seconds to start working.



How to Install the Hose Weight

NOTE: Make sure the spray hose weight(15) will not interfere with the valve box or wire connections.

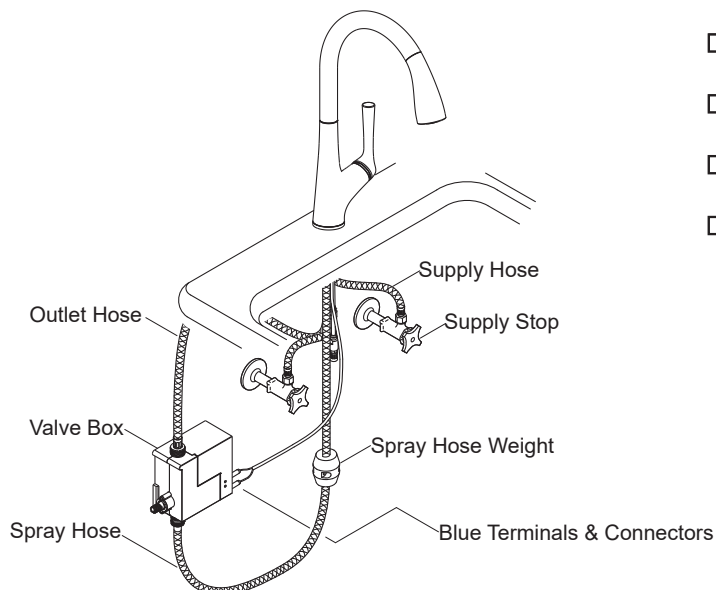
☐ Loosely attach the weight to the spray hose(7).

☐ Adjust the weight to the appropriate position.

☐ Secure the spray hose weight in place by tightening the two screws(16).

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

INSTALLATION CHECKOUT



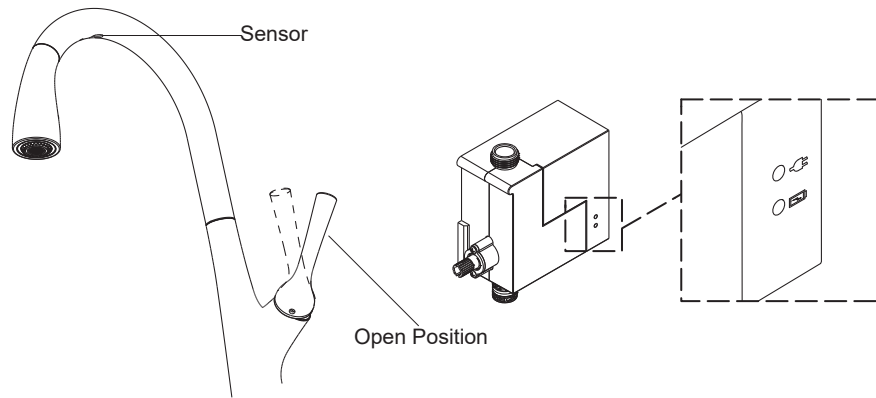
☐ Ensure that all connections are tight.

☐ Ensure that the lever 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:

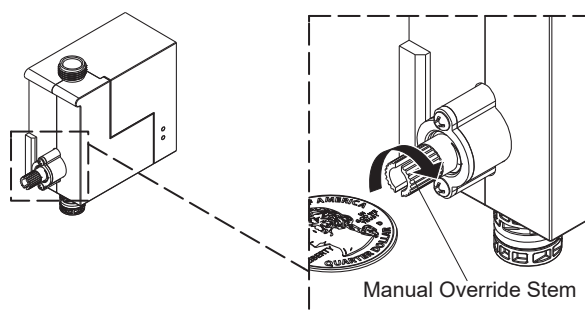
- ☐ For extended periods of nonuse, the handle should be returned to the closed (upright) position.
- ☐ Keep the sensor away from the steam.

Valve Box LED Indicators

- ☐ **Green LED:** Indicates that the AC plug is installed and connected.
- ☐ **Red flashing LED:** Indicates low batteries.

Features

- ☐ Automatic shut-off: After 4 minutes of inactivity, the water will automatically shut OFF.



Manual Sensor Override

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

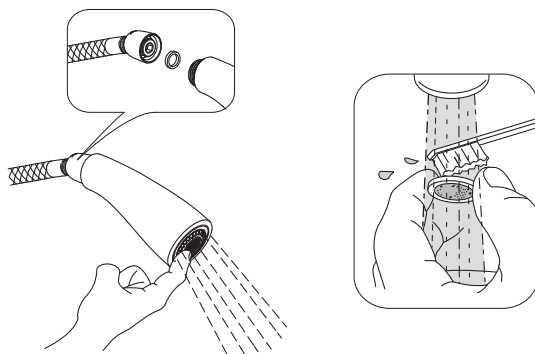
TROUBLESHOOTING

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

Faucet Troubleshooting Table

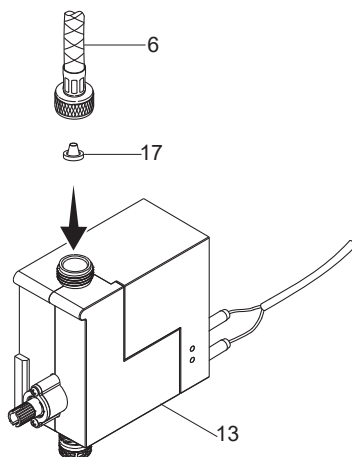
Symptoms	Probable Causes	Recommended Actions
1. No water flow.	A. The supply stops are closed. B. Handle is in the closed position. C. The hot and/or cold supply hose is kinked. D. The outlet hose is kinked. E. Battery power is low or exhausted. F. One or more screens are clogged.	A. Confirm the supply 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. Confirm the mounting bracket is installed according to the requirements. E. Check for a red flashing LED on the valve box. If it flashes red, refer to valve box installation instruction 1441903-2 for batteries replacement. F. 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. The outlet hose is kinked. E. One or more screens are clogged. F. 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. Confirm the mounting bracket is installed according to the requirements. E. Refer to the "Care and maintenance" section. F. 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 stem clockwise until it stops with coin; then turn it counter-clockwise until the water drip stops.

CARE AND MAINTENANCE



How to Clean the Screen Washer of the Sprayhead

- ☐ With the water running, rub the nozzles to dislodge debris.
- ☐ To improve the flow, disconnect the sprayhead and clean the screen washer. Reassemble.



How to Clean the Inlet Screen of the Valve Box

- ☐ Turn the handle to the closed position.
- ☐ Disconnect the outlet hose(6) from the valve box(13).
- ☐ Remove and clean the inlet screen(17) from inside the valve box.
- ☐ Reinstall the inlet screen and reconnect the outlet hose.

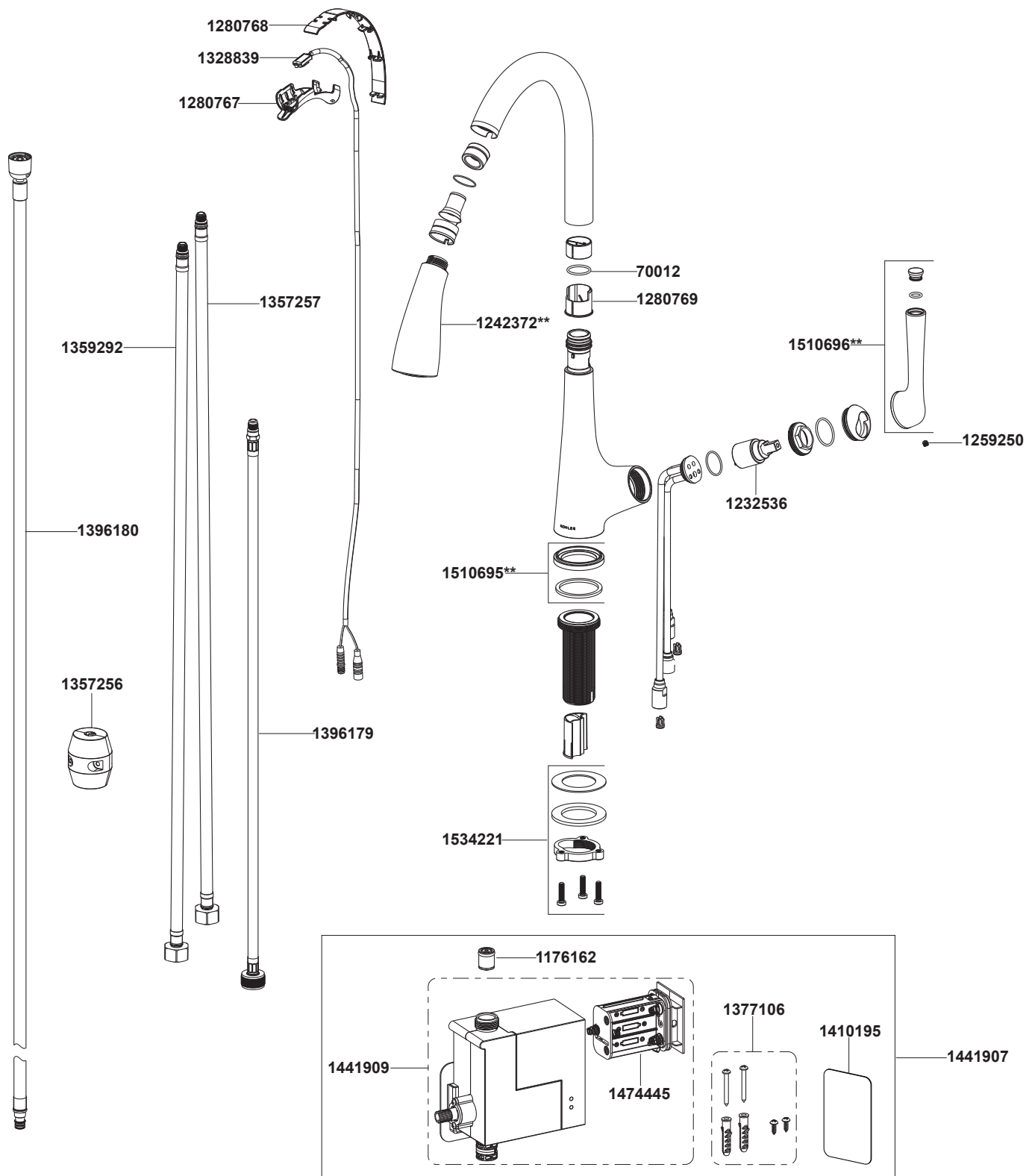
CLEANING INSTRUCTIONS

All Finishes: Clean the finish with mild soap and warm water. Wipe entire surface completely dry with clean soft cloth. Many cleaners may contain chemicals, such as ammonia, chlorine, toilet cleaner etc. which could adversely affect the finish and are not recommended for cleaning.

Do not use abrasive cleaners or solvents on Kohler faucets and fittings.

"LEAD FREE" is marked on the back of the faucet signifying its compliance with the United States AB1953

77748T-4 Touchless Kitchen Faucet



**Color code must be specified when ordering.