

## CAUTIONS AND WARNINGS

## 安全注意事项

-  **Warning:** When using electrical products, basic precautions should always be followed, including the following:
-  **DANGER: Risk of electric shock.** Disconnect the electricity to the working area at the main breaker panel before performing the installation steps for hardwiring.
-  **DANGER: Risk of electric shock.** A qualified electrician must route all electrical wiring for the product. Improper installation will create an electrical hazard and may not comply with local building and electrical codes. This product must be permanently connected to a 3A fused connection unit and be provided with means for disconnection incorporated in the fixed wiring in accordance with the wiring regulations. We strongly recommend that a 30mA RCD is included in the electrical supply to this product.

-  **Warning:** Disconnect power before servicing.

When an electrical product is used, especially when children are near, the following basic safety precautions shall be abided by:

### Danger-Reduce risk of electric shock:

- Do not place or store this appliance where it can fall or be pulled into a bath or sink.
- Do not place in or drop into water or other liquid.
- Do not reach for a product that has fallen into water. Unplug immediately.

-  **WARNING - To reduce the risk of low grade burns, electric shock, fire or injury to persons:**

- This appliance can be used by elders, children, and person with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance.

-  **警告:** 在使用电气产品时, 应始终遵循基本的预防措施, 包括以下内容:

-  **危险: 触电危险。** 在执行接线的安装之前, 断开主断路器工作区域的电源。

-  **危险: 触电危险。** 必须是合格资质的电工安装接线。安装不当会造成电气危险, 可能不符合当地建筑和电气规范。本产品必须永久连接到带有3A熔断器的电源, 并根据接线规定, 在固定接线中提供断开装置。建议给这个产品提供的电源中包含一个30mA RCD。

-  **警告:** 维修前断开电源。

当使用电器产品时, 尤其当儿童在场时, 应该遵守基本的安全防范, 包括如下:

### 危险 - 降低触电的危险:

- 不要把此产品放置在可能掉落或可能被拉入浴缸及水槽的地方。
- 不要放置或掉到水及其他液体中。
- 不要触及掉进水中的产品, 请立刻拔掉电源插头。

-  **警告 - 避免低温灼伤、触电、火灾或人身损伤**

- 老人、儿童和身体、感知、智力能力缺陷或经验和常识缺乏的人, 如果他们已得到有关安全使用器具的监督或指导, 并了解所涉及的危险, 可以使用本器具。儿童不得玩该电器。

## BEFORE YOU BEGIN

## 安装之前

- Read installation guide in illustration and word file carefully, and install the tank according to instructions in the guide to avoid product damage and installation inconvenience caused by inappropriate operation.
- All data contained is based upon the last product information available at the time of publication. Kohler Company reserves the right to implement changes of product characteristics, packaging and availability at any time without further notice.
- Do not apply erosive cleanser and solvent in the tank, which will damage tank spares and result in leakage in the tank. Kohler will not be responsible for any damage related to above mentioned cleanser or solvent.
- Do not apply spares that are not provided by Kohler, and please note that glass adhesive tape shall not be applied to the installation of Kohler spares. Kohler will not be responsible for any damage related to installation with spares not provided by Kohler.
- 请仔细阅读图示说明及文字安装说明，按照说明书的步骤安装，以避免产品损坏或不良操作导致安装不便。
- 所有的资料是按出版时的最新产品资料编写的，本公司保留在任何时候不需通知便可更改产品的特征、包装或供应产品的权利。
- 请不要在水箱内使用具有腐蚀性的清洁剂或溶剂，否则会严重地损坏水箱配件，导致漏水。因使用上述清洁剂或溶剂而使水箱不能正常使用或出现其它连带性的损坏，本公司恕不负责。
- 请不要采用非本公司提供的零件，如玻璃胶等不能用于本公司配件的安装。因使用非本公司提供的零件安装而本公司产品导致的损坏，本公司恕不负责。

## PRODUCT SPECIFICATIONS

## 产品规格

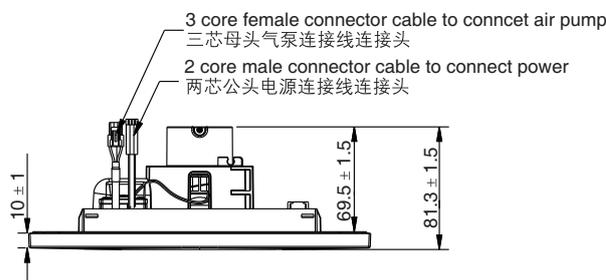
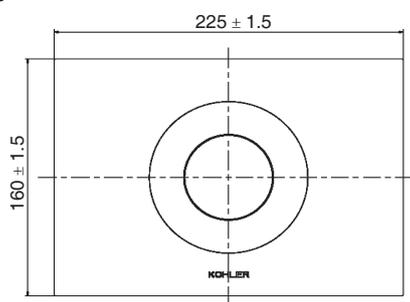
Region/市场	China/中国	Asia/亚太 (Taiwan/台湾)
SKU number/SKU号码	K-23056T	K-23056T (K-23056TW)
Rated voltage/额定电压	220V~, 50 Hz	220V~, 50 Hz (120V~, 60 Hz)
Rated Power/额定功率	8W	8W
Outer dimension of product/产品外形尺寸 (L*W)	225mm × 160mm (Length x Width) (长X宽)	225mm × 160mm (Length x Width) (长X宽)
Weight of product/产品重量	About/约 2 Kg	About/约 2 Kg
Ambient temperature of usage/使用环境温度	1-55 °C	1-55 °C
Flush control board LED light color/LED灯颜色	Warm white 4K color temperature/暖白4k色温	Warm white 4K color temperature/暖白4k色温
Entry induction distance/进入感应距离	75 ± 8cm	75 ± 8cm
Exit induction distance/退出感应距离	90 ± 5cm	90 ± 5cm
Full flush induction time/大冲感应时间	≥ 60s	≥ 60s
Half flush induction time/小冲感应时间	8~60s	8~60s

## ROUGHING-IN

## 尺寸图

Reference Value  
参考值

UNIT : mm  
单位: 毫米



Kohler reserves the right to change marked dimensions without prior notice.  
科勒公司保留随时变更图中标示尺寸的权利，无需另行通知。

S/No.	Material No.	Material Description English	Material Description Chinese	Unit
1	1306552-*	Beam Sensor Faceplate	柏明自动感应隐藏水箱面板	1pcs
2	1297096	Positioning Plate	定位板	1pcs
3	1331845-K2	Installation Instruction	说明书	1pcs
4	1331845-K8	Service Parts Page	维修配件页	1pcs
5	1059169/ 1284513/ 1284514	Fixed Tube/ Fixation Plate/ Screw	固定管/ 固定板/ 螺丝	4pcs/ 4pcs/ 4pcs
6	1407652	Pump Control Module Assy	气泵盒控制模块组件	1pcs
7	1656778 or 1407651	Power supply Unit Assembly (220V) or Transformer Assy (110V)	电源组件(220V) 或 变压器组件(110V)	1pcs
8	1331139	Carton Individual	内盒	1set

**A: Power Supply Unit (PSU) Installation (for K-23056T)**

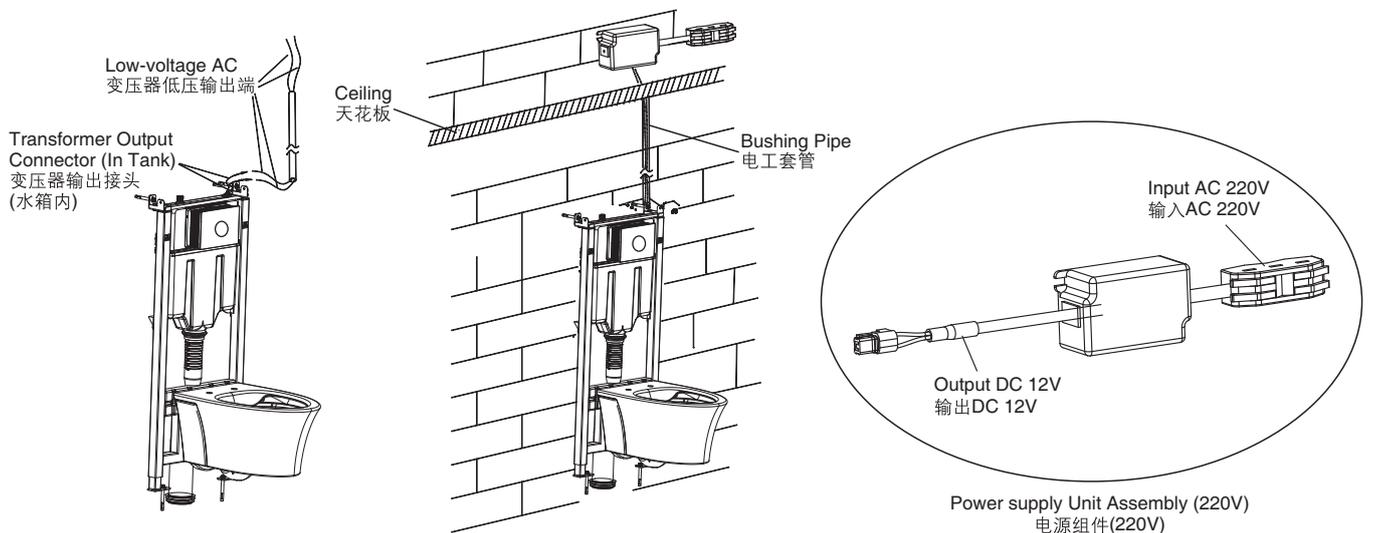
1. Make sure electrical power (220V~, 50Hz) can be provided to the installation area. Disconnect the electricity to the installation area at the main breaker panel before performing the hardwiring. It is recommended to install the power supply prior to the in-wall tank. Normally, It is proposed to install the Power supply unit (PSU) above the ceiling or hidden, and user can not touch place.
2. As illustrated, the output power wire (with 2-pin connector) of PSU shall be arranged through a PVC bushing pipe (recommend dia.  $\phi 16 \sim \phi 20\text{mm}$ , not in scope of delivery) into in-wall tank.

**Warning:** Don't mistake the input and output terminal, or it may cause damage to the product. Insulation measures must be taken at the connection. Otherwise, short-circuit current may occur and damage the transformer.

**A: 电源模块 (PSU) 安装方法 (适用于K-23056T)**

1. 确保此设备连接到专用电(220V~, 50Hz)。安装接线前应断开电源。建议安装水箱前, 先把电源模块 (PSU) 接好。将电源模块安装在天花板之上, 或其它隐蔽、人触摸不到地方。
2. 如图所示, 电源模块的输出电源线 (带有2 针接头) 应穿过 PVC 衬套管 (建议直径:  $\phi 16 \sim \phi 20\text{mm}$ , 不在交货范围内) 到达壁挂式水箱。

**警告:** 请勿接错变压器的输入输出端, 否则可能损坏。接线处做好绝缘措施, 否则可能存在短路, 引起变压器损坏。



### A: Power Supply Unit (PSU) Installation (for K-23056TW)

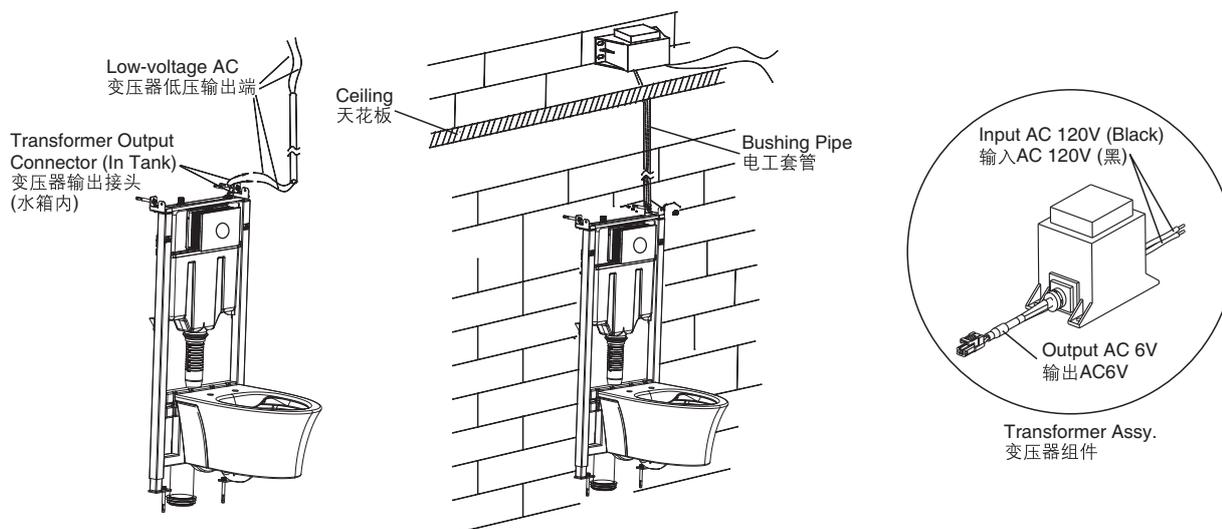
1. Make sure electrical power (120V~, 60Hz) can be provided to the installation area. Disconnect the electricity to the installation area at the main breaker panel before performing the hardwiring. It is recommended to install the power supply prior to the in-wall tank. Normally, It is proposed to install the Power supply unit (PSU) above the ceiling or hidden, and user can not touch place.
2. As illustrated, the output power wire (with 2-pin connector) of PSU shall be arranged through a PVC bushing pipe (recommend dia.  $\phi 16 \sim \phi 20\text{mm}$ , not in scope of delivery) into in-wall tank.

**Warning:** Don't mistake the input and output terminal, or it may cause damage to the product. Insulation measures must be taken at the connection. Otherwise, short-circuit current may occur and damage the transformer.

### A: 电源模块 (PSU) 安装方法 (适用于K-23056TW)

1. 确保此设备连接到专用电 (120v~, 60Hz)。安装接线前应断开电源。建议安装水箱前, 先把电源模块 (PSU) 接好。将电源模块安装在天花板之上, 或其它隐蔽、人触摸不到地方。
2. 如图所示, 电源模块的输出电源线 (带有2 针接头) 应穿过 PVC 衬套管 (建议直径:  $\phi 16 \sim \phi 20\text{mm}$ , 不在交货范围内) 到达壁挂式水箱。

**警告:** 请勿接错变压器的输入输出端, 否则可能损坏。接线处做好绝缘措施, 否则可能存在短路, 引起变压器损坏。

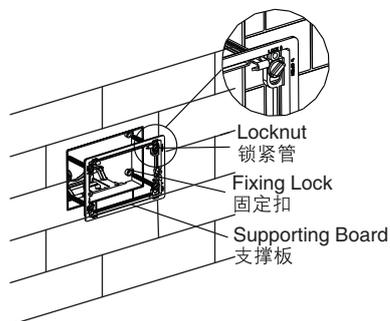


### B: Faceplate Installation

1. After the transformer and the circuit are properly connected, the in wall tank is installed according to the installation instructions until the construction of the false wall in front of the water tank is completed.
2. When tighten four locknuts on support board, adjust to "OPEN" mark as shown. See figure

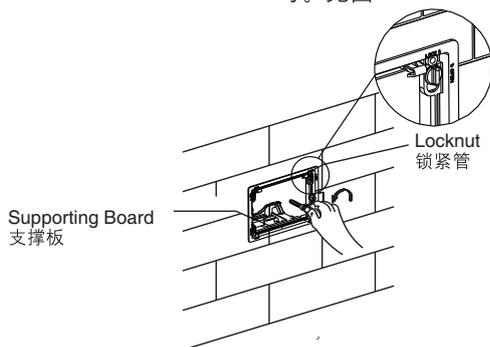
### B: 面板安装方法

1. 接好变压器及电路之后, 根据入墙式水箱安装说明书对水箱进行安装, 直至水箱前的假墙建设完成。
2. 如图将定位板装上时, 把四个锁紧管调整在标识 "OPEN" 字样装上。见图



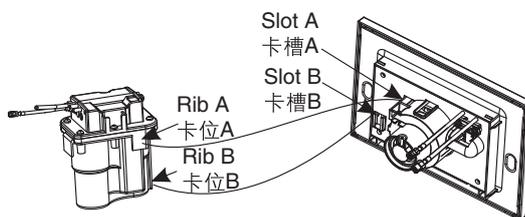
3. Tighten four screws to "LOCK" mark after installing support board as shown. See figure

3. 如图将定位板装上后，把四个锁紧管旋到“LOCK”字样即可。见图



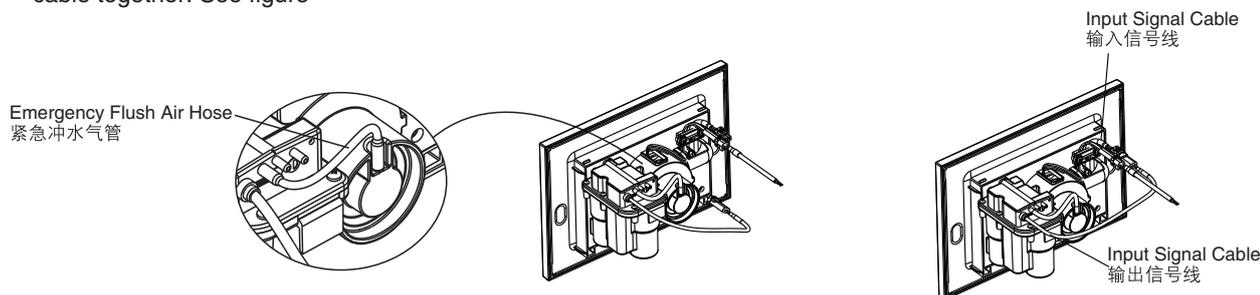
4. Install air pump assembly to faceplate and need attention: the slot of faceplate and the rib of air pump needs install properly to correspond. (A-A/B-B) Prevent installation improperly. See figure

4. 将气泵盒组件安装到面板上且需注意：上下卡槽与卡位要一一对应。（A-A/B-B）防止安装不到位。见图



5. Connect emergency flush air hose to outlet pipe in faceplate. Connect output signal cable and input signal cable together. See figure

5. 连接紧急冲水气管到面板上的出气口。连接信号输出线和信号输入线在一起。见图

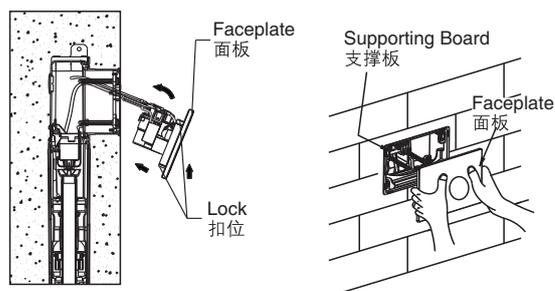
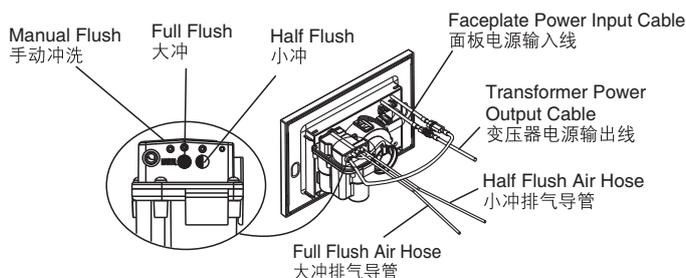


6. Connect big flush air hose and half flush hose to outlet joint in air pump assembly. Connect power output cable of transformer and power input cable of faceplate together. Put the lock on the cover directly on the reversed lock on support board, then push the cover and lock it. The installation shall begin from bottom to top. See figure

6. 连接大冲排气导管和小冲排气导管到气泵盒组件上的出气管接头。把变压器的电源输出线与面板电源输入线连接在一起。将面板的扣位对准调节板的倒扣。然后用力向上推，再向前扣紧。安装时要注意从下而上安装。见图

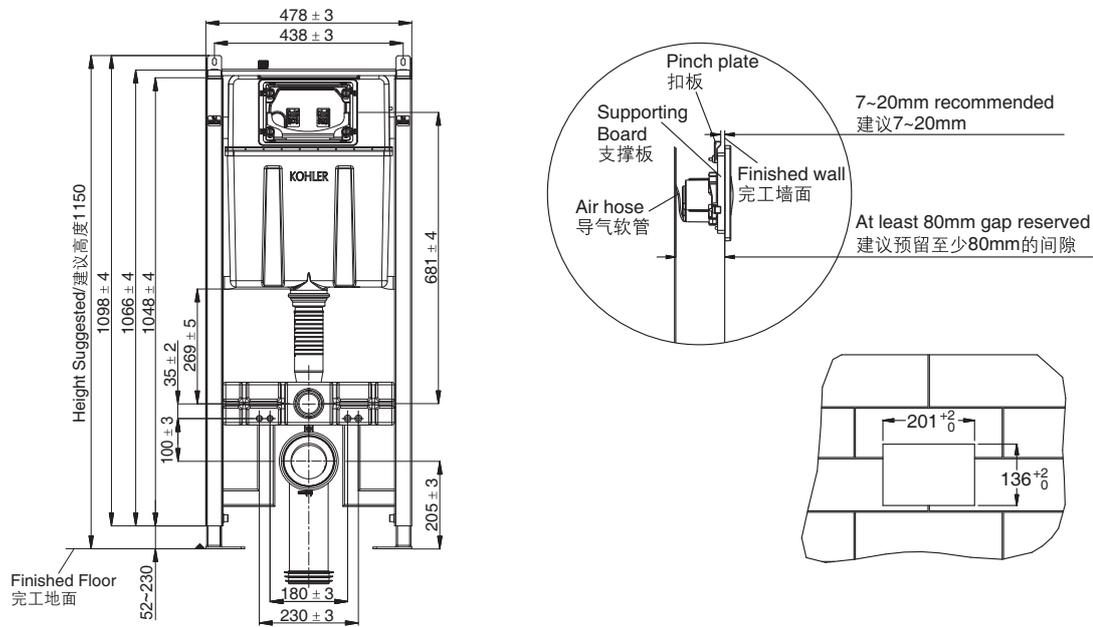
**Note: Cut the excessive parts of air hose if necessary and fix it onto the tank fastener.**

注：根据实际情况将导气管的多余部分切除，并固定在水箱的固定扣上。



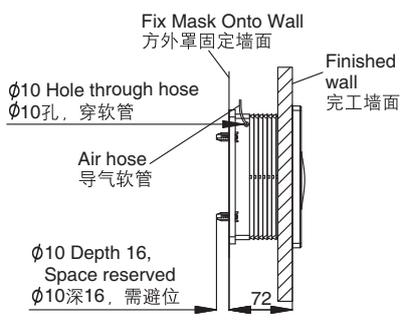
7. The installation of pinch plate, the pinch plate installation provides another method for faceplate, that is, the faceplate don't rely on the position of the in wall tank and the mask, and can directly install the faceplate to the false wall. The location of faceplate to refer the 1 meter high from the finished floor to center of faceplate is recommended. 7~20mm thickness is recommended for the wall of the pinch plate and at least 80mm gap is reserved. Recommended the installation hole size of  $201^{+2}_0 \times 136^{+2}_0$  mm. See figure

7. 扣板安装。扣板安装提供了另外一种面板固定方法，即面板可不依赖水箱和方外罩的位置，可直接把面板固定到假墙上。面板安装高度，建议参考完工地面至面板中心的1米线高度。扣板处假墙厚度建议7~20mm，预留最小间隙80mm。建议安装孔尺寸 $201^{+2}_0 \times 136^{+2}_0$  mm。见图



8. The installation of mask, 4 holes with diameter of 10mm and depth of 16mm are needed to be reserved at the locating hose. Drill 10mm holes through air hose on the side of mask. See figure

8. 方外罩安装。定位管处需预留4个直径10mm深16mm孔。方外罩侧边钻直径10mm孔穿导气软管。见图



9. Recommend 1.1m distance at least between door and faceplate. Otherwise it may cause wrong flush.

9. 门与面板的距离建议大于1.1m，否则容易引起误冲。



10. **Installation environment:** In order to ensure the function of this product, this product should not be surrounded by electronic devices that emit infrared light, such as infrared sensors, PSD and laser sensors etc.. Otherwise, it will cause a malfunction.

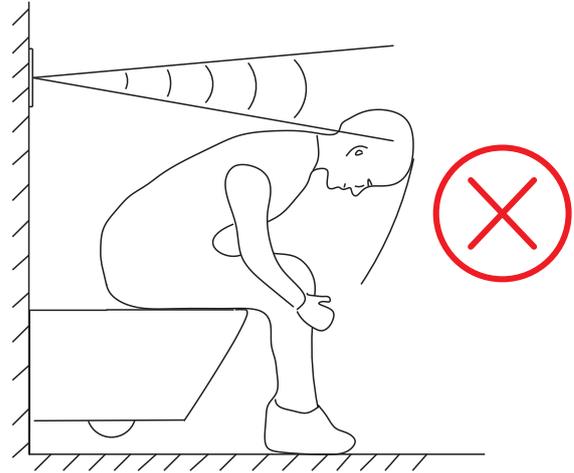
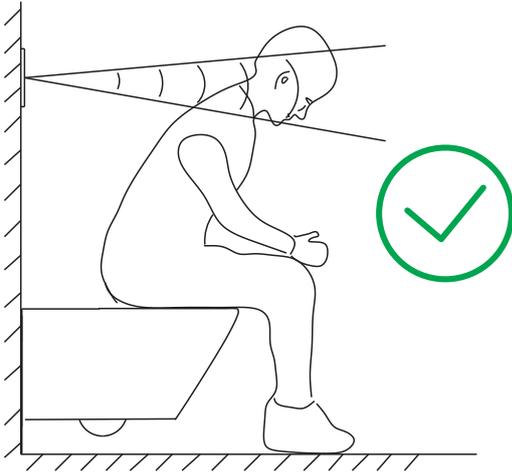
10. **安装环境:** 为保证本产品的正常功能, 本产品周边不能有发射红外光线的电子设备, 比如, 红外感应器, 位置感应器和激光感应器等。否则会干扰此产品的正常功能。

**C: Important Notice**

In order to ensure the function of this product, please maintain a normal sitting position. If you do not sit properly, it will cause a malfunction.

**C: 使用须知**

为确保本产品的正常感应冲水, 请保持正常的坐姿。如果不正常的坐姿, 会造成误冲水。



## Description of Content of Hazardous Substances in Product

### Reclaim Indication

When the product exceeds service life or is unable to use after repair, do not throw the product away in the normal trash. Please dispose the waste electronic parts through a qualified reclamation enterprise. Make sure the product is handled properly. Disposing of product must be done in accordance with the local or national government law.

### Statistics of Contents of Toxic or Hazardous Substances or Elements

Statistics of Contents of Toxic or Hazardous Substances or Elements In Product										
Part name	Hazardous Substances or Elements									
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated biphenyls (PBBs)	Polybrominated Diphenyl Ethers (PBDEs)	Dibutyl Phthalate (DBP)	Diisobutyl Phthalate (DIBP)	Butyl Benzyl Phthalate (BBP)	Bis (2-Ethylhexyl) Phthalate (DEHP)
Plastic Assy	○	○	○	○	○	○	○	○	○	○
PCBA Assy	✗	○	○	○	○	○	○	○	○	○
Motor Assy	✗	○	○	○	○	○	○	○	○	○
Solenoid Valve Assy	○	○	○	○	○	○	○	○	○	○
Wire Harness Assy	○	○	○	○	○	○	○	○	○	○
Pump Assy	○	○	○	○	○	○	○	○	○	○
Hardware	○	○	○	○	○	○	○	○	○	○
Sensor	○	○	○	○	○	○	○	○	○	○

Note 1: ○: Indicates that the homogeneous substance in the material composition is below the high limits of the current national standard.

✗: Indicates that at least one of the homogeneous substance in the material composition exceeds the high limits of the current requirements.

Note 2: Components not listed above, indicates that the homogeneous substance in the material composition is below the high limits of the current national standard.

Note: The information provided is based on the supplier data and Kohler inspection results. The product is designed not to hurt the environment. Under current technology, all hazardous materials have been used in the smallest amounts possible. Kohler will strive to reduce the use of these hazardous materials used in this product.



The product "service life for environment protection" is 10 years; Kohler Company will specify product service life based on product characteristics. The product "service life for environment protection" is only effective when the product is used as described in the product specification.

## 产品中有害物质含量的说明

### 回收提示

本产品超过使用期限或经过维修无法正常使用后，不应随意丢弃，请交由有废弃电器电子产品处理资质的企业处理，正确的处理方法请查阅国家或当地有关废旧电器电子产品处理的规定。

### 有害物质统计表

产品中有害物质的名称及含有的信息表										
部件名称	有害物质									
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬 (Cr(VI))	多溴联苯 (PBBs)	多溴二苯醚 (PBDEs)	邻苯二甲酸二正丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)	邻苯二甲酸丁苯酯 (BBP)	邻苯二甲酸二(2-乙基)己酯 (DEHP)
塑料组件	○	○	○	○	○	○	○	○	○	○
PCBA组件	✗	○	○	○	○	○	○	○	○	○
电机类组件	✗	○	○	○	○	○	○	○	○	○
电磁阀组件	○	○	○	○	○	○	○	○	○	○
导线类组件	○	○	○	○	○	○	○	○	○	○
气泵组件	○	○	○	○	○	○	○	○	○	○
五金配件	○	○	○	○	○	○	○	○	○	○
传感器	○	○	○	○	○	○	○	○	○	○

注 1: ○: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。

✗: 表示该有害物质至少在该部件的某一均质材料中的含量超出电器电子产品有害物质限制使用国家标准要求。

注 2: 以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。

注: 本表格提供的信息是基于供应商提供的数据及科勒公司的检测结果。本产品应用环保设计理念，在当前技术水平下，所有有害物质或元素的使用已经控制到了最低程度，科勒公司会继续努力通过改善现有技术来减少这些物质的使用。



本产品的“环保使用期限”为10年，科勒公司根据产品设计特性指定该期限。只有在本产品使用说明书所述的正常情况下使用本产品时，“环保使用期限”才有效。