BEFORE YOU BEGIN

- Please read these instructions carefully to familiarize yourself with the required tools, materials, and installation sequences. Follow the sections that pertain to your particular installation. This will help you avoid costly mistakes. In addition to proper installation, read all operating and safety instructions.
- All information in these instructions is based upon the latest product information available at the time of publication. Kohler China reserves the right to make changes in product characteristics, packaging, or availability at any time without notice.
- These instructions contain important care, cleaning, and warranty information - please leave instructions for the consumer.
- Observe all local plumbing and building codes.
- Carefully inspect the new urinal for damage.
- Site preparation may require additional tools and hardware.

CAUTION: Risk of personal injury or product damage. Handle with care. Vitreous china can break or chip if the product is handled carelessly.

RECOMMENDED TOOLS AND MATERIALS (NOT SUPPLIED)

- Open end/adjustable wrenches
- Tape measure
- Basin wrench
- Pipe wrench
- Square
- Level
- Pliers
- Socket wrench with sockets
- Screw driver
- Seal tape
- Connection wire
- Wire cutter
- Insulation tape
- Bushing
- Drill
- Sealant

- 开口/活动板钳
- 卷尺
- 梅花扳钳
- 管板手
- 直角尺
- 水平尺
- 老虎钳
- 钳钳子
- 十字螺丝刀
- 生料带
- 连接线
- 刷线器
- 绝缘胶布
- 电工套管
- 冲击钻
- 密封胶

科瑞 STRUKTURA
安装说明书
安装说明书
自动感应小便器(后进水)
TOUCHLESS URINAL(REAR INLET)
K-5888T(3L/DC)/K-5888T-C05(3L/AC)
K-5888T-W(1L/DC)/K-5888T-WC05(1L/AC)
K-5888T-Y(0.5L/DC)/K-5888T-YC05(0.5L/AC)

BEFORE YOU BEGIN

- 请遵照本说明，以便了解所需工具、材料及安装程序。请遵照相关章节进行安装。避免安装不当而导致不必要的损失。除了有关正确的安装方法之外，还务请详阅所有操作及安全说明。
- 本说明书所含一切资料，均以印刷时所有的最新产品为准。科勒中国保留随时更改产品特性、包装或供应情况的权利，恕不另行通知。
- 本说明书也包含了有关护理、清洁及保养等重要资料。请予用户保存。
- 遵守当地所有给排水及建筑规定。
- 精细检查新的小便器是否损坏。
- 准备就地可能要求附加工具和硬件。

警告：可能有人身伤害或产品损坏的危险。小心处理，若有所马虎，陶瓷件可能碎裂。
### SPECIFICATIONS

<table>
<thead>
<tr>
<th><strong>Power</strong></th>
<th>2 &quot;AA&quot; size alkaline batteries (DC) 220V AC 50/60Hz (AC)</th>
</tr>
</thead>
</table>
| **Liter per flushing** | Water pressure at 0.18~0.55 MPa:  
Less than 3L (K-5888T(3L/DC)/K-5888T-C05(3L/AC))  
Less than 1L (K-5888T-W(1L/DC)/K-5888T-WC05(1L/AC))  
Less than 0.5L (K-5888T-Y(0.5L/DC)/K-5888T-YC05(0.5L/AC)) |
| **Temperature**     | Environmental temperature: 1 to 55°C                    |
| **Starting pressure** | 0.07Mpa (Dynamic pressure)~0.86MPa (Static pressure)   |
| **Testing time**    | About 2 to 5 seconds                                    |
| **Detecting method** | Detecting the urine and human movement                  |

---

### ROUGHING-IN

**Reference Value**

<table>
<thead>
<tr>
<th><strong>Unit:mm</strong></th>
<th>Reference Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Floor</td>
<td>165</td>
</tr>
<tr>
<td>Wall</td>
<td>158</td>
</tr>
<tr>
<td>Supply</td>
<td>302</td>
</tr>
<tr>
<td>Wall</td>
<td>158</td>
</tr>
<tr>
<td>Floor</td>
<td>302</td>
</tr>
</tbody>
</table>

* Recommended dimensions for installation only, please adjust according to actual situation.

* 仅为建议安装尺寸，客户可根据实际情况调整。

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Kohler reserves the right to change marked dimensions without prior notice.

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- Roughing-in dimensions are identical if using an optional 3" outlet spud.
- 若使用选用的3"出水口，尺寸图仍然相同。
Notice: To ensure an effective flush performance, strongly recommended inner diameter of water supply (including water meter, valve, etc.) is no less than 25mm, and supplied water pressure (sensor inlet dynamic pressure) is 0.18MPa ~0.55MPa.

PREPARE THE SITE

NOTE: If a pre-existing waste pipe will be used and will result in an acceptable rim height (refer to the rough-in dimensions), follow the retrofit installation instructions.

For Retrofit Installations
- Turn the water supply line off, remove the existing urinal, then cap off the water supply line inside the wall.

For New Installations
- Install waste pipe as necessary to conform to the roughing-in dimensions.
- Install adequate support framing for the hangers as needed.

INSTALLATION

A. Install hangers, L shape block and waste pipe connector

Drill holes according to template. Install hangers, L shape block and waste pipe connector. (Gasket of waste pipe connector shall be soaked into water for 2 seconds to lubricate.)

Note: For Retrofit Installations
- If a pre-existing waste pipe will be used and will result in an acceptable rim height (refer to the rough-in dimensions), follow the retrofit installation instructions.
- Turn the water supply line off, remove the existing urinal, then cap off the water supply line inside the wall.
- Install waste pipe as necessary to conform to the roughing-in dimensions.
- Install adequate support framing for the hangers as needed.

Fig.2

A. 安装挂钩、L形固定块和排污管连接头

按安装模板打孔，并安装挂钩、L形固定块和排污管连接头。（排污管连接头的密封圈要浸泡水两秒钟，以便润滑。）

Fig.3

注意：为保证有效冲洗，推荐供水管路（包括水表、阀门等）的内径不小于25mm，推荐供水水压（冲洗器进水口流动水压）：0.18MPa ~0.55MPa。
B. Install urinal

1. Test flushing. Remove regulator (supplied only for 3L urinal) when water pressure is too low.

2. Connect inlet pipe and fill valve.
3. Hang the urinal onto the hangers.
4. Loosen the nut and drag the clamp towards center. Take out the fixture, valve and battery box assembly at the bottom. Load batteries.
5. Pull the bottom of the urinal outwards to make space. Align the big nut with the waste pipe and then tighten.
6. Push the urinal against wall and tighten it with screws.
7. Fix the connectors and then put the fixture, valve and battery box assembly back into the urinal.
8. Apply silicone sealant between urinal and wall.

B. 安装小便器

1. 测试冲水，水压过小时拆除节流器（已提供，仅限3L版本）。

2. 连接进水管和进水阀。
3. 把小便器挂上挂钩。
4. 松开锁紧螺母，把活动爪往中心拖动。然后把底部的支架阀体电池盒组件拿出来，装上电池。
5. 把小便器的陶瓷底部往外拉动一定距离，腾出空间，用手把大锁紧螺母对准排污管，上紧。
6. 把小便器推紧贴紧，然后把螺钉穿过螺钉固定孔，上紧小便器。
7. 接好电池盒和感应器的连接头，然后把支架阀体电池盒组件装回小便器里面。
8. 在小便器和墙之间打上玻璃胶。
C. Adjust the hanger

1. As shown in the picture below, firmly press the hanger with the bolt through the waist-shaped hole.

2. As shown in the picture below, if the position of the urinal needs to be adjusted, please take down the urinal and knock the hanger slightly to adjust its position upwards and downwards.

3. After the position of the urinal is decided, completely fix the hanger with the bolt through the fixing holes on the hanger.

D. Install the drain and the plastic trap

1. Put the washer onto the drain and insert it into the hole.
2. Put the gasket and nut on the bottom.
   NOTE: Do not over screw the nut in this step, because it is to be screwed tight in the next step after the pipe is installed.

3. Connect the hose with the trap.
4. Screw the trap onto the drain and screw tight.
5. Screw tight the nut of the drain mentioned in step.
6. Screw on the drain lid (For first-time installation, the water may drain slowly. It can be improved by loosening the drain cover). The drain after being loosened is as shown.

6. 旋上过滤器盖(刚安装小便器时，下水速度慢，可以拧松滤盖改善)。滤盖拧好后的角度如图所示。

E. Install the manual button and magnetic valve
E. 装手动按钮和电磁阀

1. Install the magnetic valve.
1. 装电磁阀，

2. Install the manual button. Insert the button into the hole, then put on the washer and the nut.
2. 装手动按钮，将手动按钮插入陶瓷孔并套上垫圈锁紧螺母。

3. Connect with the hose.
3. 连接软管。

F. Install the sensor controller
F. 装感应控制器

1. Install the sensor controller box.
2. Connect the sensor wire.

1. 装感应控制盒。
2. 连接感应线路。
G. Install and uninstall the Fixture, Valve Battery Box Assembly

Unscrew the screws on the Fixture, Valve, Battery Box Assembly and withdraw the clamp. Remove the Fixture, Valve Battery Box Assembly from the urinal by moving it rightwards and then downwards. Fix the Fixture, Valve Battery Box Assembly back to the urinal by doing the above steps inversely.

G. 支架閥體電池盒組件拆裝

將支架閥體電池盒組件上的緊固螺釘鬆開，然後抽出活動爪，將支架閥體電池盒組件整體向右抽出，再向下移動，便可將支架閥體電池盒組件從小便器上取下，將以上取出支架閥體電池盒組件整體的步驟反向操作，便可將支架閥體電池盒組件整體固定到小便器上。

H. Power Connection

H. 连接电源

1. Please directly reference to Fig.21 when installing K-5888T, K-5888T-W or K-5888T-Y(DC).
2. Please match 16306T-NA AC power unit when installing K-5888T-C05, or K-5888T-WC05, or K-5888T-YC05(AC). The way of installation is as shown.

1. 安装交流系列K-5888T、K-5888T-W或K-5888T-Y请参阅图21。
2. 安装交流系列K-5888T-C05、K-5888T-WC05或K-5888T-YC05请配16306T-NA交流电源盒，安装方式如下：

⚠️ CAUTION:

a. Do not connect 220V AC Power supply to DC wiring terminal.
b. Do not damage the covering of AC power unit or remove screws to avoid leakage.

警告：

a. 禁止将220V交流电源接入直流接线端。
b. 安装时严禁损伤交流电源盒外壳或移开交流电源盒盖螺丝。

A. Fig.18: AC power unit connect way:

AC power unit is connected to electric control box by connection wire.

A. 图18：交流电源盒连接方式：

交流电源盒通过连接线与电控盒相连。
Notice:

a. Keep the connector away from water.
b. Don't mistake the direction of inlet and outlet.
c. Do not connect the DC output of AC power unit to AC power supply.
d. Do not connect to power supply while installing. Connection line is not supplied. AC connection wire with insulating sleeving is recommended. Wire of which the nominal section area of conductor is not less than 0.5 mm² is also recommend. DC connection line use wire of which the nominal section area is not less than 0.3 mm². It is cut according to acted installation requirements (The length of cut wire is recommended less than 10m).
e. The head AC power supply must be protected with appropriate fuse.
f. Please confirm the AC power supply and water supply should be shut off before maintaining the products with AC power related.

CAUTION: One AC power unit can supply two sensors at most.

B. When installing the power unit on the ceiling, please layout bushing according to Fig.19 and thread wire through the bushing.

Fig.19: Connection sketch while installing power unit on the ceiling.

Bushing

Notice:

a. Keep the connector away from water.
b. Don't mistake the direction of inlet and outlet.
c. Do not connect the DC output of AC power unit to AC power supply.
d. Do not connect to power supply while installing. Connection line is not supplied. AC connection wire with insulating sleeving is recommended. Wire of which the nominal section area of conductor is not less than 0.5 mm² is also recommend. DC connection line use wire of which the nominal section area is not less than 0.3 mm². It is cut according to acted installation requirements (The length of cut wire is recommended less than 10m).
e. The head AC power supply must be protected with appropriate fuse.
f. Please confirm the AC power supply and water supply should be shut off before maintaining the products with AC power related.

CAUTION: One AC power unit can supply two sensors at most.

B. 将电源盒放在天花板上，如图示安装电工套管，管内装入电线。

图19：交流电源盒安装在天花板上的连接示意图。

警告：一个交流电源盒最多可连接两个感应区。
Illustrations

The urinal will automatically flush after using.

Replacement of Batteries

When the batteries run out, please remove the Battery Box Assembly by following the instructions in step C and then replace the batteries.

电池的更换

当电池耗尽时，参照步骤C取下电池盒组件，并更换电池。

Deodorizing Flushing

The urinal will take a flush automatically when it's used 3 or 4 times in 2 minutes.

防臭冲洗

当2分钟内连续3-4人以上使用时，小便器自动冲洗一次。
Manual Flushing

Press the manual button for about 1 second and the urinal will automatically flush once.

Sensorless Cleaning Mode

Enter the sensorless cleaning mode by pressing the manual button for about 3 seconds after the flushing is finished. The controller will ring twice every 2 seconds. Under this mode, press the manual button for about 1 second to start or stop flushing. The longest continuous flushing time is about 15 seconds. The urinal will automatically exit this mode after it started for about 8 seconds. You can also exit this mode by pressing the manual button for about 5 seconds. The controller stops ringing after the urinal exiting this mode.

⚠️ Notice: This function can be used after the power is turned on for ten minutes.

手控冲洗

按住手动按钮2秒左右，即能实现冲水一次。

无感应清洁模式

长按手动按钮至冲水结束后3秒左右可进入无感应清洁模式，此时控制器每2秒快响2声。
无感应清洁模式下短按手动按钮1秒左右，可控制小便器出水或停水，最长连续出水时间约15秒。
无感应清洁模式持续约8分钟后能自动退出，或者长按手动按钮5秒左右退出。退出后控制器无声响。

注意：接通电源十分钟内可使用以上功能。

MAINTENANCE

Clean the Filter Screen

If the flushing volume reclines sharply after installation or used for a long time with no cause from water pressure, the filter may need a wash. Please operate as following steps: Remove the Fixture, Valve, Battery Box Assembly and take out the filter, clean the filter and then reinstall it.

⚠️ Caution: a. Turn off the water supply and power supply before cleaning the filter.
   b. Avoid damaging or losing the filter during cleaning.

清洗过滤装置

安装或使用较长时间后，如发现出水量明显变小，而非水压原因，可进行以下操作：将支架阀体电池盒组件拆下，取出滤网，刷洗干净后重新装入即可。

警告： a. 清洗前，请先关闭水源，切断电源。
   b. 清洗滤网过程中防止滤网变形损坏或丢失。
**TROUBLESHOOTING**

Please make following checks before repair:

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Probable causes</th>
<th>Corrective actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>No flushing</td>
<td>1. No power or mistake connected.</td>
<td>1. Check the power connect.</td>
</tr>
<tr>
<td></td>
<td>2. Not able to detect the urine.</td>
<td>2. See user’s guide.</td>
</tr>
<tr>
<td></td>
<td>3. Out of electricity.</td>
<td>3. Replace batteries.</td>
</tr>
<tr>
<td>No flushing or poor</td>
<td>1. Adjusting bolt not fully open</td>
<td>1. Open the adjusting bolt.</td>
</tr>
<tr>
<td>flushing</td>
<td>2. Low water pressure</td>
<td>2. Improve water supply.</td>
</tr>
<tr>
<td></td>
<td>3. Filter is obstructed.</td>
<td>3. Clean the filter.</td>
</tr>
<tr>
<td>No flashing</td>
<td>1. The small hole of valve core is blocked.</td>
<td>1. Clean the small hole of valve core with thin steel wire.</td>
</tr>
<tr>
<td></td>
<td>2. The filter of valve core is blocked.</td>
<td>2. Wash the filter of valve core with a brush.</td>
</tr>
</tbody>
</table>

If the trouble remains after above-mentioned actions are taken, please contact with us via distributor.

**IMPORTANT CONSUMER INFORMATION**

**Consumer Responsibilities**

1. Do not directly flush the sensor with water. The sensor is an electronic instrument.
2. Keep away from strong electromagnetic field.
3. Clean the urinal with soft rag and neutral liquid detergent. Do not use eradicator, abrasive powder or oil, acid or alkali liquid detergent.
4. Urinal is designed for use with potable water. Avoid water that includes a lot of contaminants or acid/alkali water and impure water.
5. All electrical connection must be compliance with related regulation and codes.
6. All installation staff should be well familiar with installation instruction.

**WARNING:** Never spit phlegm and throw stub or something else into the urinal. Please avoid using articles either dissolvable or with the diameter smaller than 5mm, such as moth ball.

**WARNING:** Risk of product damage. Do not throw into the urinal what is easy to block it, such as newspaper, paper pilch. Do not bump the vitreous china with great force to prevent it from damaging and leaking. Do not use the product in the water below 0°C.

**CAUTION:** Please do not use hard materials (like scouring pad) to clean product surface, especially the product logo.

**User须知**

**用户责任**

1. 感应器为电子器具，请勿直接用水冲洗。
2. 请勿靠近强电磁场。
3. 可用中性清洁剂和软布擦洗小便器，禁止使用去污粉、研磨粉及油类、酸性类、碱性类清洁剂。
4. 使用水源为自来水或可供饮用井水，避免使用含有杂质较多或带酸、碱性的处理水或未加工处理的水。
5. 所有电路连接必须符合相关规范和条例要求。
6. 所有参与安装人员都必须熟知安装说明。

**WARNING:** 切勿将痰或肉块等杂物吐在小便器内。

**WARNING:** 请勿接触陶瓷表面，以免损伤。

**CAUTION:** 请勿使用硬质材料（如钢丝球）擦拭产品表面，特别是产品商标处。

**警告：** 请勿在0°C以下的水环境中使用。