



# REVE 瑞芙

## INSTALLATION INSTRUCTIONS

### 安装说明书

#### WALL-HUNG TOILET

#### 挂墙式座便器

K-24766T-S/K-24767T-S/K-24768T-S  
K-24769T-S/K-24770T-S/K-24698T-S/K-24697T-S

## BEFORE YOU BEGIN

## 安装之前

- 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.**
- 请仔细阅读说明书，熟悉所需工具、材料和安装顺序，参照相关章节完成您所需的安装，以避免昂贵的损失，除了正确的安装外，请详阅所有的操作和安全说明。
- 本说明书所含的一切资料均以印刷时所有的最新产品为准，科勒中国保留权利随时更改产品特性、包装或供应情况，恕不另行通知。
- 本说明书也包含了有关保养、清洁及产品担保等重要信息-请交予用户保存。

## ORDERING INFORMATION

REVE WH Toilet (HT100 TL IWT) .....K-24766T-S  
Includes REVE Wall-hung Toilet Bowl.....K-5051T  
Includes HYDRO-TOWER 100  
Touchless In-Wall Tank.....K-6281T-RES  
Includes REVE Quiet-close Toilet Seat.....K-17183T-CP  
REVE WH Toilet (HT200 PNE IWT) .....K-24767T-S  
Includes REVE Wall-hung Toilet Bowl.....K-5051T  
Includes HYDRO-TOWER 200 PNE  
In-Wall Tank .....K-20007T-RES  
Includes REVE Quiet-close Toilet Seat.....K-17183T-CP  
REVE WH Toilet (HT300 PNE IWT) .....K-24768T-S  
Includes REVE Wall-hung Toilet Bowl.....K-5051T  
Includes HYDRO-TOWER 300 PNE  
In-Wall Tank .....K-20010T-RES  
Includes REVE Quiet-close Toilet Seat.....K-17183T-CP  
REVE WH Toilet (HT300 MEC IWT) .....K-24769T-S  
Includes REVE Wall-hung Toilet Bowl.....K-5051T  
Includes HYDRO-TOWER 300  
In-Wall Tank W/ Frame .....K-4179T-RES  
Includes REVE Quiet-close Toilet Seat.....K-17183T-CP  
REVE WH Toilet (HT100 MEC IWT) .....K-24770T-S  
Includes REVE Wall-hung Toilet Bowl.....K-5051T  
Includes HYDRO-TOWER 100  
In-Wall Tank W/ Frame .....K-6284T-RES  
Includes REVE Quiet-close Toilet Seat.....K-17183T-CP  
REVE WH Toilet (HT100 PNE IWT) .....K-24698T-S  
Includes REVE Wall-hung Toilet Bowl.....K-5051T  
Includes HYDRO-TOWER 100 PNE  
In-Wall Tank W/ Frame .....K-22524T-RES  
Includes REVE Quiet-close Toilet Seat.....K-17183T-CP  
REVE WH Toilet (HT100 TL IWT) .....K-24697T-S  
Includes REVE Wall-hung Toilet Bowl.....K-5051T  
Includes HYDRO-TOWER 100 Touchless  
In-Wall Tank W/ Bevel FP .....K-21298T-RES  
Includes REVE Quiet-close Toilet Seat.....K-17183T-CP

## 订购信息

瑞芙挂墙式座便器(海德丽100自动感应水箱).....K-24766T-S  
含瑞芙挂墙式座便器缸体 .....K-5051T  
含海德丽100  
自动感应入墙式隐藏水箱 .....K-6281T-RES  
含瑞芙缓降座便器盖板 .....K-17183T-CP  
瑞芙挂墙式座便器(海德丽200气动水箱).....K-24767T-S  
含瑞芙挂墙式座便器缸体 .....K-5051T  
含海德丽200  
气动入墙式隐藏水箱 .....K-20007T-RES  
含瑞芙缓降座便器盖板 .....K-17183T-CP  
瑞芙挂墙式座便器(海德丽300气动水箱).....K-24768T-S  
含瑞芙挂墙式座便器缸体 .....K-5051T  
含海德丽300  
气动入墙式隐藏水箱 .....K-20010T-RES  
含瑞芙缓降座便器盖板 .....K-17183T-CP  
瑞芙挂墙式座便器(海德丽300机械水箱).....K-24769T-S  
含瑞芙挂墙式座便器缸体 .....K-5051T  
含海德丽300  
入墙式隐藏水箱 .....K-4179T-RES  
含瑞芙缓降座便器盖板 .....K-17183T-CP  
瑞芙挂墙式座便器(海德丽100机械水箱).....K-24770T-S  
含瑞芙挂墙式座便器缸体 .....K-5051T  
含海德丽100  
入墙式隐藏水箱 .....K-6284T-RES  
含瑞芙缓降座便器盖板 .....K-17183T-CP  
瑞芙挂墙式座便器(海德丽100气动水箱).....K-24698T-S  
含瑞芙挂墙式座便器缸体 .....K-5051T  
含海德丽100  
气动入墙式隐藏水箱 .....K-22524T-RES  
含瑞芙缓降座便器盖板 .....K-17183T-CP  
瑞芙挂墙式座便器(海德丽100自动感应水箱).....K-24697T-S  
含瑞芙挂墙式座便器缸体 .....K-5051T  
含海德丽100  
自动感应入墙式隐藏水箱 .....K-21298T-RES  
含瑞芙缓降座便器盖板 .....K-17183T-CP

No.2 KOHLER ROAD, SANSHUI CENTRAL INDUSTRIAL PARK, LEPING TOWN, SANSHUI DIST., FOSHAN, GUANGDONG, PRC POST CODE 528137  
广东省佛山市三水区乐平镇三水中心工业园区科勒大道2号 邮编: 528137

8# MENGSHAN RD, ECONOMIC DEVELOPMENT ZONE OF HUANTAI, ZIBO, SHANDONG, CHINA POST CODE: 256410  
山东省淄博市桓台经济开发区蒙山路8号 邮编: 256410

## NOTES

- Observe all local plumbing and building codes.
- Shut off the water supply.
- Seat post holes are on 200mm centers.
- Passageways is longer than 57mm.
- Ensure have the correct roughing-in dimensions. **See Fig.#1.**
- Be very careful while working with vitreous china products. Vitreous china can break or chip if the bolts or nuts are overtightened, or if carelessly handled.
- Carefully inspect the new bowl for any sign of damage.
- Fixture dimensions are nominal and conform to tolerances established by ASME Standards (A112.19.2-2013).
- This product complies with GB 25502-2017. Water Efficiency Grade 1.

## 注意

- 请遵守当地所有给排水及建筑规定。
- 关闭供水。
- 座便器盖板孔中心间距为200mm。
- 排污通道大于57mm。
- 确保安装尺寸正确，请参阅图1。
- 请小心处理釉面陶瓷产品，因其容易破损和崩裂，故不可把螺栓或螺母上得过紧，且须小心轻放。
- 请仔细检查座便器是否有损坏。
- 部件尺寸为标定值，误差符合美国机械工程师学会标准 ASME(A112.19.2-2013)。
- 本产品符合GB 25502-2017。水效等级1级。

## TOOLS AND MATERIALS REQUIRED (Not supplied)

- 254mm adjustable wrench
- Metal file (file cut)
- Tape measure
- Tubing cutter
- Level
- Hacksaw
- Putty knife
- Screwdriver
- Straight pipe coupling
- Connection packing

## 所需工具及材料(不随货供应)

- 254mm活动板钳
- 锉刀
- 卷尺
- 切管刀
- 水平尺
- 钢锯
- 涂油灰刀
- 螺丝刀
- 联结直管
- 联结组件

## ROUGHING-IN

## 尺寸图

Reference Value  
参考值

Unit: mm  
单位: 毫米

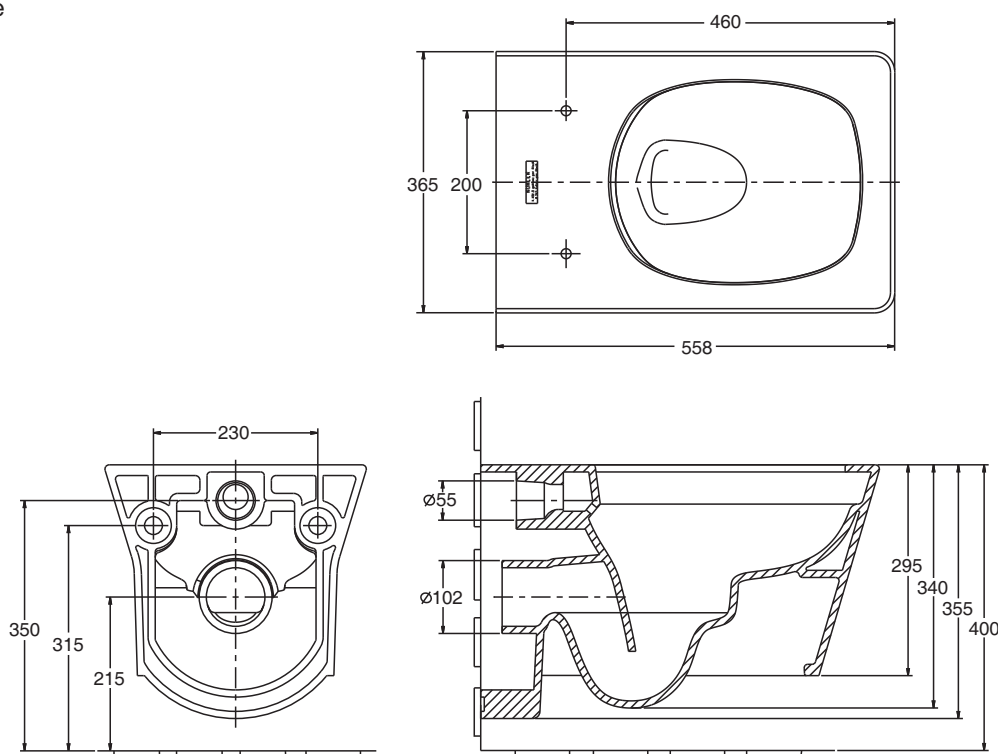


Fig.#1

图1

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。

## INSTALLATION

## 安装

### 1. INSTALL THE TANK

- 1) Turn the water supply off before installing the new toilet.
- 2) Install the concealed tank system in wall before decorating the wall.
- 3) Install the tank system per tank's installation instructions.

**Note:** Refer to installation instructions of in-wall tank for SKU of faceplate.

### 1. 安装水箱

- 1) 安装新座便器前先关闭供水。
- 2) 在装饰墙面前先将入墙式水箱系统安装入墙体内部。
- 3) 参照水箱安装说明书完成水箱系统的安装。

注意：需另配的面板型号请参考水箱说明书。

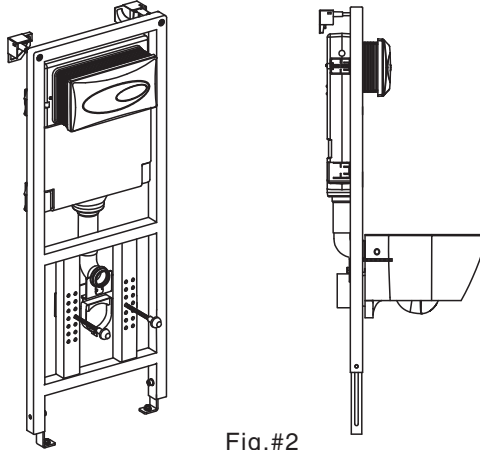


Fig.#2  
图2

### 2. SET THE SPACING OF THE BOWL

After you install the tank, be careful to set the spacing of set aside the length for carrier studs and tighten nut. The bowl on wall according to the dimensions as shown. **See Fig. #3.**

### 2. 座便器定位

水箱安装完成后，根据图示尺寸，小心地在墙面上定好座便器的位置，并预留好承托螺杆的长度，旋上安装螺母。见图3。

**NOTE: Please reserve 10mm space for the nut strictly according to the picture. Otherwise, it will greatly affect the loading capacity of the toilet.**

注意：请严格按照图示要求给安装螺母留10mm空隙，否则将减弱座便器承重能力。

Unit: mm  
单位: 毫米

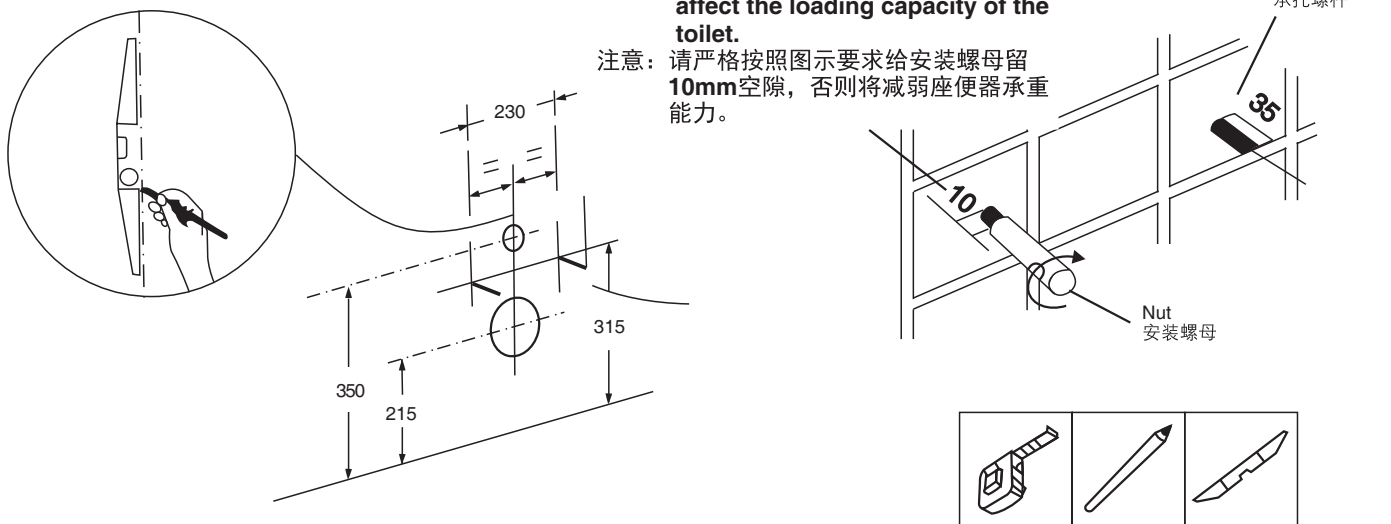


Fig.#3  
图3

### 3. ATTACH CONNECTION PIPE

- 1) Attach inlet pipe which set aside the length to the concealed tank.
- 2) Attach outlet pipe to the toilet.
- 3) You may apply some lubricant to help connect smoothly.  
**See Fig. #4.**
- 4) Please tilt the outlet pipe a little after it is installed to prevent water storage. **See Fig.#5.**

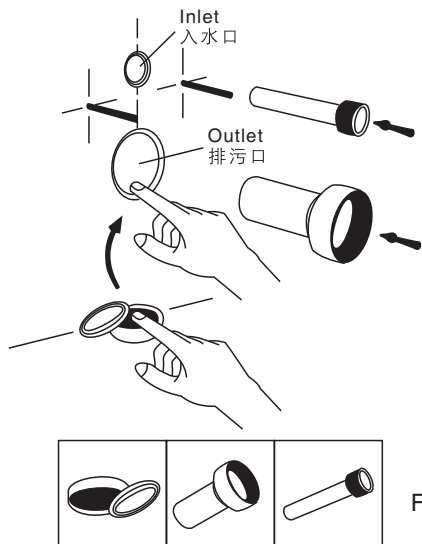


Fig.#4  
图4

### 3. 安装连接管

- 1) 将已做好预留长度的进水管与入墙式水箱连接。
- 2) 将已做好预留长度的排污管与座便器连接。
- 3) 可以使用润滑剂，有助连接。见图4。
- 4) 排污管装好以后要略向下倾斜，以防止产生积水。见图5。

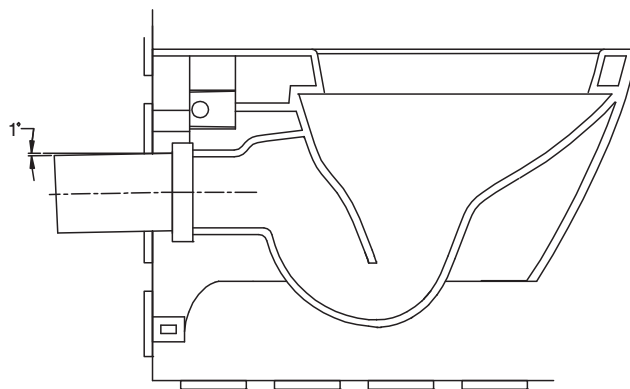


Fig.#5  
图5

### 4. INSTALL THE NEW TOILET

- 1) Install the accessory kit into the installing hole.
- 2) Place the new toilet on the wall through the carrier.
- 3) Use wrench to tighten accessories and level the toilet.  
Then finish fixation.
- 4) Insert the cap into installing hole. **See Fig. #6.**

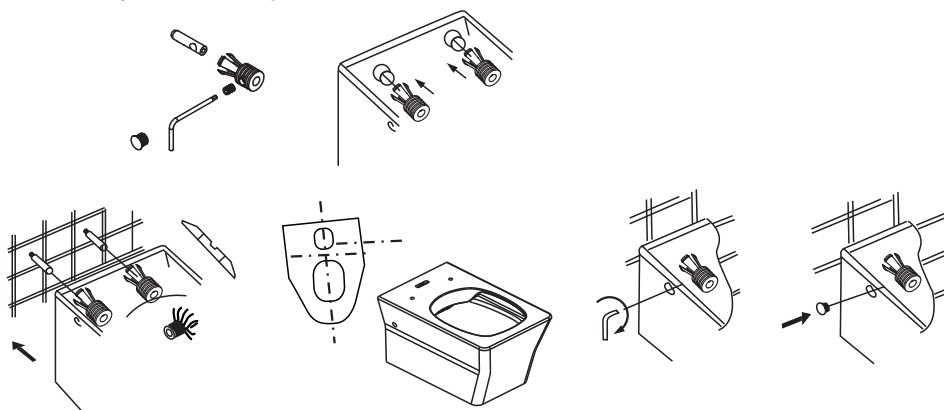


Fig.#6  
图6

### 4. 安装座便器

- 1) 将安装配件装配在座便器的安装孔中。
- 2) 将座便器穿过承托螺杆置于墙上。
- 3) 用六方扳手上紧安装配件，同时调整座便器至水平，然后完成固定。
- 4) 将装饰帽扣入安装孔。见图6。

5. Apply sealant to make sure the bowl's edge seals to the wall. **See Fig. #7.**

5. 建议使用密封胶，保证座便器边缘紧贴墙面。见图7。

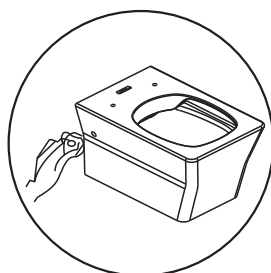


Fig.#7  
图7

6. Install the toilet seat according to its installation instructions.

6. 根据盖板说明书安装盖板。

## IMPORTANT CONSUMER INFORMATION 用户须知

### CONSUMER RESPONSIBILITIES

When cleaning up after installation, do not use abrasive cleansers, as they may scratch and dull the toilet surface. Use warm water and a liquid detergent to clean the surface.

Remove stubborn stains, paint, or tar with turpentine or paint thinner. Do not allow cleaners containing petroleum distillates to remain in contact with any toilet surface for long periods of time.

Remove plaster by carefully scraping with a wood edge. Do not use metal scrapers, wire brushes, or other metal tools. Use a powder type detergent on a damp cloth to provide mild abrasive action to any residual plaster.

Clean the outside surface of your vitreous china product with mild soap and warm water. Wipe the entire surface completely dry with a clean, soft cloth.

Most toilet bowl cleaners are not harmful to the vitreous china surface of the toilet bowl. Please follow the bowl cleaner manufacturer's instructions carefully.

Do not use abrasive cleaners or solvents.



**WARNING: Risk of property or product damage.**

Do not use in-tank cleaners. Products containing chlorine (calcium hypochlorite) can seriously damage fittings in the tank. This damage can cause leakage and property damage.

Kohler Company shall not be responsible or liable for any damage to these tank fittings caused by the use of cleaners containing chlorine (calcium hypochlorite).



**CAUTION: Don't use any cement while installing the toilet.** Heat expansion of the toilet may damage the feet of the toilet. Kohler will not be responsible for any damage because of using cement.



**WARNING: Risk of product damage.**

Do not throw into the toilet what is easy to block it, such as newspaper, paper pilch, sanitary towel. 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.

### 用户责任

安装完成进行清理时，切勿使用腐蚀性清洁剂，因为它们会刮伤座便器表面，使色彩变得黯淡。使用温水和液体清洁剂来清洁表面。

使用松节油或油漆稀释剂，清除顽固污渍、油漆或柏油。切勿让含有石油提炼物的清洁剂长时间接触座便器表面。

使用木片小心地刮除油灰，切勿使用金属刮刀，钢丝球，或其他的金属工具。使用粉末状清洁剂和湿布柔和地擦去油灰。

使用中性肥皂和温水清洁釉面陶瓷产品的表面。擦拭整个表面，用干净的软布擦干。

大多数马桶清洁剂对座便器表面是无害的，请认真遵循马桶清洁剂制造商的指示来操作。

请勿使用腐蚀性清洁剂或溶剂。



**警告：**提防楼宇受损或损坏产品。请勿使用水箱内用清洁剂。含氯（次氯酸钙）的清洁剂会严重破坏水箱配件，从而引起渗漏，或对楼宇结构造成损坏。

科勒公司对此类因使用氯(次氯酸钙)而引致的水箱装置损毁，概不负责。



**警告：**在安装本座便器时切勿使用任何水泥。因为水泥的热膨胀可能使座便器的脚部挤破或损坏。科勒对所有因为水泥安装而引起的座便器破裂恕不负责。



**警告：**提防损坏产品。请不要向便器内冲入新闻纸、纸尿垫、妇用卫生巾等容易堵塞的物品。请不要用重力撞击陶瓷，以防止破损漏水。

不要在0°C以下的水环境中使用。



**警告：**请勿使用钢丝球等硬质材料擦洗产品表面，特别是产品商标处。



# HYDRO-TOWER 300 海德丽300

INSTALLATION INSTRUCTIONS

安装说明书

IN-WALL TANK

入墙式隐藏水箱

K-20009T-PNE/K-20009K-PNE/K-20010T-PNE/K-20010K-PNE  
K-20010T-VLS/K-20010T-DNSW/K-20010T-DNW/K-20010T-VABW/K-20010T-RES  
K-20011T-PNE/K-20011K-PNE/K-78076T-PNE/K-78076K-PNE  
K-78077T-PNE/K-78077K-PNE/K-78077T-RES/K-78077T-ESS/K-78077T-VLS  
K-78077T-VLSL/K-78077T-VL130/K-78077T-VL150/K-78078T-PNE/K-78078K-PNE  
K-20341T-PNE/K-75890T-PNE/K-23055T-PNE/K-23056T/K-23056TW

## 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. Mild detergent can be used.
- 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.
- This product complies with GB26730-2011.
- 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非中性清洁剂或溶剂，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。但中性清洁剂可以使用。
- 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。
- 本产品符合GB26730-2011。

## Ordering Information

HYDRO-TOWER 300 PNE IWT 2.6/4.0L .....	K-20009T-PNE
HYDRO-TOWER 300 PNE IWT 2.6/4.0L .....	K-20009K-PNE
HYDRO-TOWER 300 PNE IWT 3/4.5.0L .....	K-20010T-PNE
HYDRO-TOWER 300 PNE IWT 3/4.5.0L .....	K-20010K-PNE
HYDRO-TOWER 300 PN IWT W/ FRAME 3.5/5.0L(VEIL WH) .....	K-20010T-VLS
HYDRO-TOWER 300 PN IWT W/ FRAME 3.5/5.0L(ODEON WH) .....	K-20010T-DNSW
HYDRO-TOWER 300 PN IWT W/ FRAME 3.5/5.0L(ODEON WH) .....	K-20010T-DNW
HYDRO-TOWER 300 PN IWT W/ FRAME 3.5/5.0L(VIA WH) .....	K-20010T-VABW
HYDRO-TOWER 300 PN IWT W/ FRAME 3.5/5.0L(REVE WH) .....	K-20010T-RES
HYDRO-TOWER 300 PNE IWT 3.0/6.0L .....	K-20011T-PNE
HYDRO-TOWER 300 PNE IWT 3.0/6.0L .....	K-20011K-PNE
HYDRO-TOWER 300 PNE IWT W/O FRAME 2.6/4.0L .....	K-78076T-PNE
HYDRO-TOWER 300 PNE IWT W/O FRAME 2.6/4.0L .....	K-78076K-PNE
HYDRO-TOWER 300 PNE IWT W/O FRAME 3.0/4.5L .....	K-78077T-PNE
HYDRO-TOWER 300 PNE IWT W/O FRAME 3.0/4.5L .....	K-78077K-PNE
3.5/5.0L HYDRO-TOWER 300 PNE IWT W/O FRAME(REVE WF) .....	K-78077T-RES
3.5/5.0L HYDRO-TOWER 300 PNE IWT W/O FRAME(ESCALE WF) .....	K-78077T-ESS
3.0/4.5L HYDRO-TOWER 300 PNE IWT W/O FRAME(VEIL WF) .....	K-78077T-VLS
3.0/4.5L HYDRO-TOWER 300 PNE IWT W/O FRAME(VEIL WF) .....	K-78077T-VLSL
HYDRO-TOWER 300 PNE IWT W/O FRAME 3.0/4.5L(VEIL WF HC130) .....	K-78077T-VL130
HYDRO-TOWER 300 PNE IWT W/O FRAME 3.0/4.5L(VEIL WF HC150) .....	K-78077T-VL150
HYDRO-TOWER 300 PNE IWT W/O FRAME 3.0/6.0L .....	K-78078T-PNE
HYDRO-TOWER 300 PNE IWT W/O FRAME 3.0/6.0L .....	K-78078K-PNE
PEBBLE Pneumatic In-Wall Tank Faceplate (Not Supplied) .....	K-20341T-PNE
LYNK Pneumatic Faceplate (Not Supplied) .....	K-75890T-PNE
Modern Life Small Faceplate (Not Supplied) .....	K-23055T-PNE
BEAM Sensor Faceplate (Not Supplied) .....	K-23056T
BEAM Sensor Faceplate (Not Supplied) .....	K-23056TW

KOHLER CHINA INVESTMENT CO., LTD NO.158, JIANG CHANG SAN ROAD,  
JING'AN DISTRICT, SHANGHAI, PRC POST CODE: 200436  
科勒(中国)投资有限公司 上海市静安区江场三路158号 邮编: 200436

## 订购信息

海德丽300气动入墙式隐藏水箱,2.6/4.0L .....	K-20009T-PNE
海德丽300气动入墙式隐藏水箱,2.6/4.0L .....	K-20009K-PNE
海德丽300气动入墙式隐藏水箱,3.0/4.5L .....	K-20010T-PNE
海德丽300气动入墙式隐藏水箱,3.0/4.5L .....	K-20010K-PNE
海德丽300气动入墙式隐藏水箱,3.5/5.0L(维亚挂墙) .....	K-20010T-VLS
海德丽300气动入墙式隐藏水箱,3.5/5.0L(奥帝安挂墙).....	K-20010T-DNSW
海德丽300气动入墙式隐藏水箱,3.5/5.0L(奥帝安挂墙).....	K-20010T-DNW
海德丽300气动入墙式隐藏水箱,3.5/5.0L(维雅挂墙) .....	K-20010T-VABW
海德丽300气动入墙式隐藏水箱,3.5/5.0L(瑞芙挂墙).....	K-20010T-RES
海德丽300气动入墙式隐藏水箱,3.0/6.0L .....	K-20011T-PNE
海德丽300气动入墙式隐藏水箱,3.0/6.0L .....	K-20011K-PNE
海德丽300气动入墙式隐藏水箱,2.6/4.0L(不含固定支架) .....	K-78076T-PNE
海德丽300气动入墙式隐藏水箱,2.6/4.0L(不含固定支架) .....	K-78076K-PNE
海德丽300气动入墙式隐藏水箱,3.0/4.5L(不含固定支架) .....	K-78077T-PNE
海德丽300气动入墙式隐藏水箱,3.0/4.5L(不含固定支架) .....	K-78077K-PNE
3.5/5.0升海德丽300 气动 无框架入墙式隐藏水箱(瑞芙落地) .....	K-78077T-RES
3.5/5.0升海德丽300 气动 无框架入墙式隐藏水箱(艾思格尔落地) .....	K-78077T-ESS
3.0/4.5升海德丽300 气动 无框架入墙式隐藏水箱(维亚落地).....	K-78077T-VLS
3.0/4.5升海德丽300 气动 无框架入墙式隐藏水箱(维亚落地).....	K-78077T-VLSL
3.0/4.5升海德丽300 气动 无框架入墙式隐藏水箱(维亚落地HC130) .....	K-78077T-VL130
3.0/4.5升海德丽300 气动 无框架入墙式隐藏水箱(维亚落地HC150) .....	K-78077T-VL150
海德丽300气动入墙式隐藏水箱,3.0/6.0L(不含固定支架) .....	K-78078T-PNE
海德丽300气动入墙式隐藏水箱,3.0/6.0L(不含固定支架) .....	K-78078K-PNE
佩欧珀隐藏水箱面板(气动版)(可选配) .....	K-20341T-PNE
灵珂气动隐藏水箱面板(可选配).....	K-75890T-PNE
明莱隐藏水箱面板(可选配).....	K-23055T-PNE
柏明自动感应隐藏水箱面板(可选配).....	K-23056T
柏明自动感应隐藏水箱面板(可选配).....	K-23056TW

## Function Explanation

## 功能说明

- Anti flow-backwards
- Adjustment of inlet water level
- Adjustment of flushing volume
- Single/double gear flushing
- Assemble, disassemble and maintenance can be done without tools.
- 防倒流功能
- 进水水位可调节功能
- 排水水量可调节功能
- 双档冲水功能
- 无需工具用手即可实现拆装维修。

## Design And Installation Concept Of In-wall Tank

- Installation of in-wall tank is much easier and nice-looking comparative to that of traditional tank. Meanwhile, the space layout will be more reasonable due to the application of in-wall tank pipes and connectors.
- The most remarkable advantage of in-wall tank is that the installation will never be limited to certain area, and can be installed wherever as you wish, which will make the bathroom layout more reasonable and nice-looking, and make good use of every inch of the bathroom space.

## 隐藏水箱设计安装概念

- 隐藏水箱提供了简单快捷的安装方式，与传统的安装方式相比更完善、更美观。同时由于使用了隐藏的管路布置，使空间布局更为合理。
- 使用隐藏水箱的显著优点是不再限于某一固定的地方安装，可以灵活地设置，从而可以使整个浴室布局更为合理、更为美观，充分利用每一寸可用空间。

## Advantages Of In-wall Tank

- Made of macromolecular materials that prevents corrosion and leaking.
- Advanced water tank fitting, which makes possible the adjustment of the water discharge and double flush.
- Will not affect the structure of the wall and provides excellent sound insulation.
- Easy installation and time efficient.
- Do not need to prepare any other spare parts.
- Easy maintenance and servicing.
- Clean, garbage free, and space saving.
- Extra-thin shell of the tank helps to save a lot of space and fit for any walls.

## 隐藏水箱的优点

- 抗冲击，耐腐蚀的高分子材质水箱，杜绝漏水的可能性。
- 先进的水箱配件，可以调节排水量，以及具有双档冲水的技术功能。
- 不影响墙体结构，出色的隔音效果。
- 安装简便、快捷，省时省力。
- 无需准备其它的安装配件。
- 维护简易，无需改动墙体。
- 卫生清洁，无垃圾陈积，节省空间。
- 箱体超薄型，节省安装空间，广泛应用于各种薄壁墙体。

## SPECIFICATIONS

## 规格

Liter per flushing 冲洗水量	K-20011T-PNE K-20011K-PNE K-78078T-PNE K-78078K-PNE	Full flushing volume: 6.0L Half flushing volume: 3.0L 大档水量: 6.0L 小档水量: 3.0L
	K-20010T-VLS K-20010T-DNSW K-20010T-DNW K-20010T-VABW K-20010T-RES K-78077T-RES K-78077T-ESS	Full flushing volume: 5.0L Half flushing volume: 3.5L 大档水量: 5.0L 小档水量: 3.5L
	K-20010T-PNE K-20010K-PNE K-78077T-PNE K-78077K-PNE K-78077T-VLS K-78077T-VLSL K-78077T-VL130 K-78077T-VL150	Full flushing volume: 4.5L Half flushing volume: 3.0L 大档水量: 4.5L 小档水量: 3.0L
	K-20009T-PNE K-20009K-PNE K-78076T-PNE K-78076K-PNE	Full flushing volume: 4.0L Half flushing volume: 2.6L 大档水量: 4.0L 小档水量: 2.6L
	Environmental temperature: 1°C~55°C, Water temperature: 1°C~45°C 环境温度: 1°C~55°C, 水温1°C~45°C	
Temperature 使用温度		
Water Supply 供水条件	Min water supply: 0.02MPa (dynamic pressure) Max water supply: 0.74MPa (static pressure) 最低供水条件: 0.02MPa (动压) 最高供水条件: 0.74MPa (静压)	

## RECOMMENDES TOOLS AND MATERIALS

## 所需工具及材料

- |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>● Open end/adjustable wrenches</li> <li>● Allen wrench</li> <li>● Knife</li> <li>● File</li> <li>● Hacksaw</li> <li>● Masonry</li> <li>● Level</li> <li>● Screw driver</li> <li>● Insulation tape</li> <li>● Tape measure</li> <li>● Seal tape</li> <li>● Bushing</li> <li>● Lubricant</li> </ul> | <ul style="list-style-type: none"> <li>● 开口/活动扳手</li> <li>● 内六角扳手</li> <li>● 美工刀</li> <li>● 锉刀</li> <li>● 钢锯</li> <li>● 冲击钻</li> <li>● 水平尺</li> <li>● 十字螺丝刀</li> <li>● 绝缘胶布</li> <li>● 卷尺</li> <li>● 生料带</li> <li>● 电工套管</li> <li>● 润滑油</li> </ul> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 尺寸图

UNIT: mm  
单位: 毫米

Technical drawing of the Kohler K-10000-1 floor drain assembly, showing front and side views with dimensions.

**Front View Dimensions:**

- Overall width:  $478 \pm 3$
- Top flange width:  $438 \pm 3$
- Total height: 1150 (Suggested height)
- Top flange height:  $1098 \pm 4$
- Drain body height:  $1066 \pm 4$
- Base plate height:  $1048 \pm 4$
- Base plate thickness:  $35 \pm 2$
- Base plate to drain body distance:  $269 \pm 5$
- Drain body to base plate distance:  $100 \pm 3$
- Drain body diameter:  $\varnothing 90 \pm 0.5$
- Drain body to base plate distance:  $205 \pm 3$
- Base plate to drain body distance:  $180 \pm 3$
- Base plate to drain body distance:  $230 \pm 3$
- Base plate to drain body distance:  $52-230$

**Side View Dimensions:**

- Top flange height:  $90-142$
- Top flange thickness:  $88 \pm 2$
- Drain body height:  $681 \pm 4$
- Drain body to base plate distance:  $205 \pm 3$
- Base plate to drain body distance:  $45-95$

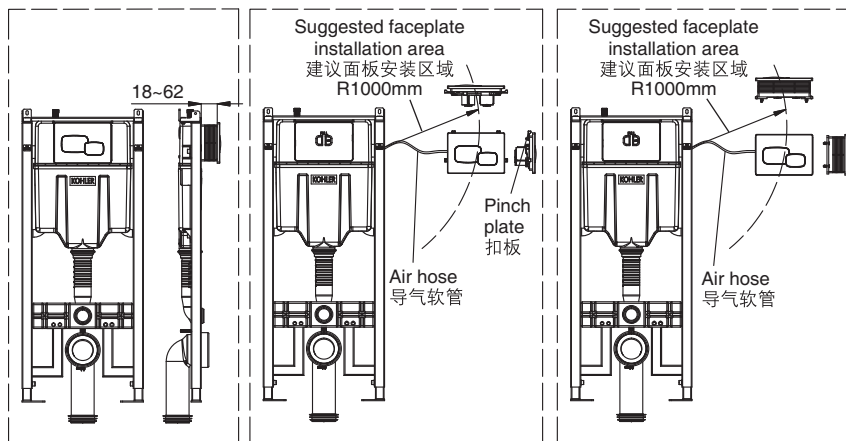
**Labels:**

- Air hose / 导气软管
- KOHLER
- Finished Floor / 完工地面

Method one:  
Press from front  
安装方式一：  
前按

Method two:  
Remote plate installation  
安装方式二：  
远程扣板安装

Method three:  
Remote installation of mask  
安装方式三:  
远程方外罩安装

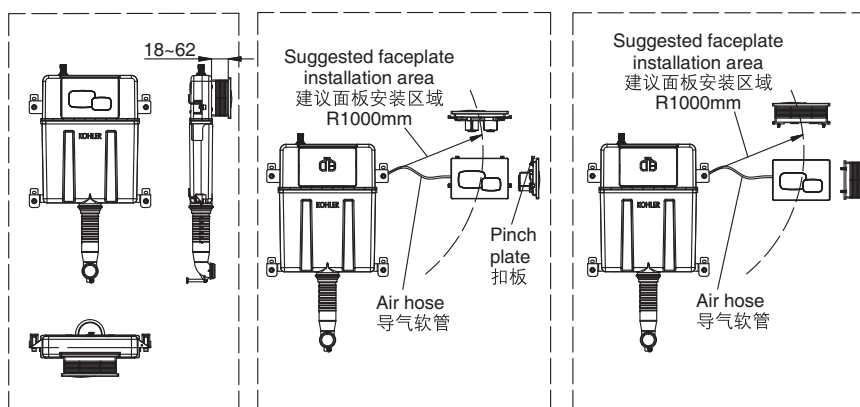
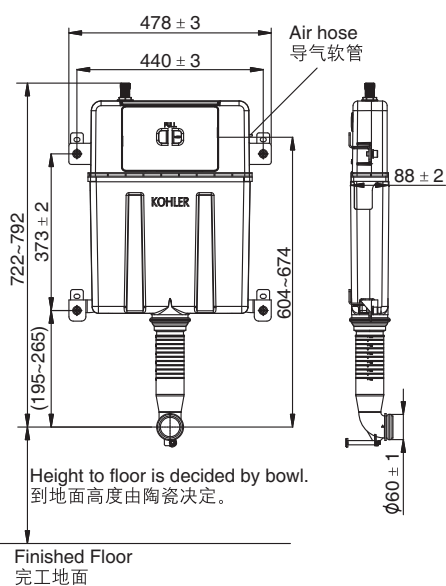


Installed with K-20341T-PNE  
与气动面板K-20341T-PNE安装

Method one:  
Press from front  
安装方式一:  
前按

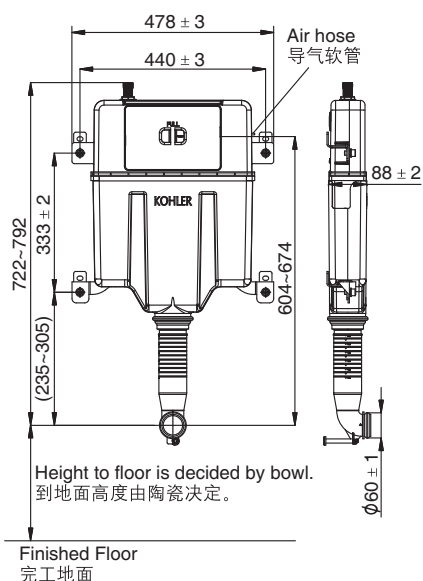
Method two:  
Remote plate installation  
安装方式二：  
远程扣板安装

Method three:  
Remote installation of mask  
安装方式三:  
远程方外罩安装

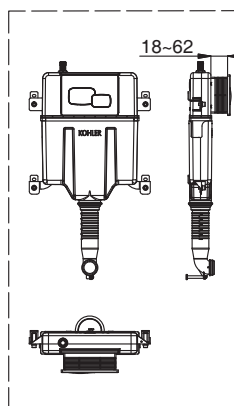


**K-78076T-PNE/K-78076K-PNE/K-78077T-PNE/K-78077K-PNE/K-78077T-RES/  
K-78077T-ESS/K-78077T-VLS/K-78077T-VLSL/K-78077T-VL130/K-78077T-VL150**

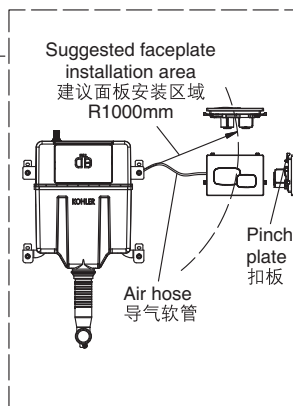
Installed with K-20341T-PNE  
与气动面板K-20341T-PNE安装



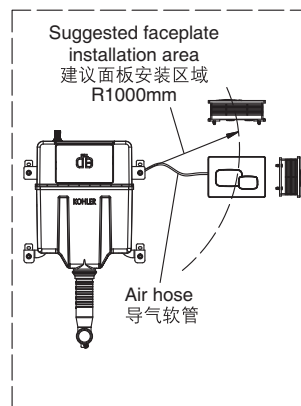
Method one:  
Press from front  
安装方式一:  
前按



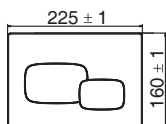
Method two:  
Remote plate installation  
安装方式二:  
远程扣板安装



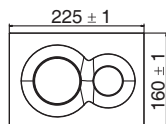
Method three:  
Remote installation of mask  
安装方式三:  
远程方外罩安装



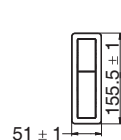
**K-20341T-PNE**



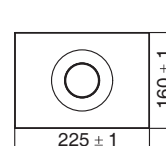
**K-75890T-PNE**



**K-23055T-PNE**



**K-23056T/K-23056TW**

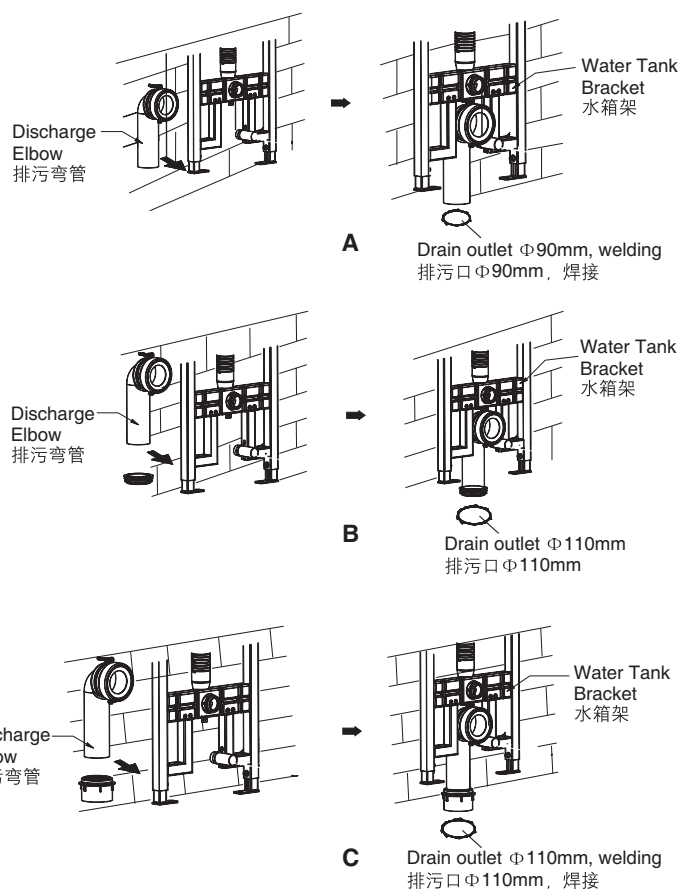


## Floor Discharge Installation Method

Three discharge pipe installation methods based on actual situation: A, B, C, adjust position by screw driver. Snap discharge pipe lower end into discharge port.

### 地排安装方法

首先根据实际情况有三种排污弯管安装方法：A，B，C，然后用螺丝刀旋调节螺丝调整位置。最后再把排污弯管的下端装进排污口。



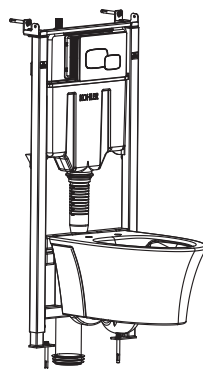
Kohler reserves the right to change marked dimensions without prior notice.  
科勒公司保留随时变更图中标示尺寸的权利，无需另行通知。

## Way of Installation

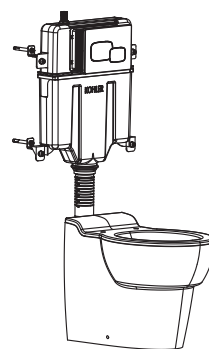
There are two ways to install this product: in-wall tank with frame & in-wall tank without frame

## 安装方式

本产品具有两种安装方式：入墙式隐藏水箱(含固定支架)座便器  
入墙式隐藏水箱(不含固定支架)座便器



In-wall Tank With Frame  
入墙式隐藏水箱(含固定支架)座便器



In-wall Tank Without Frame  
入墙式隐藏水箱(不含固定支架)座便器

## Installation For In-wall Tank With Frame

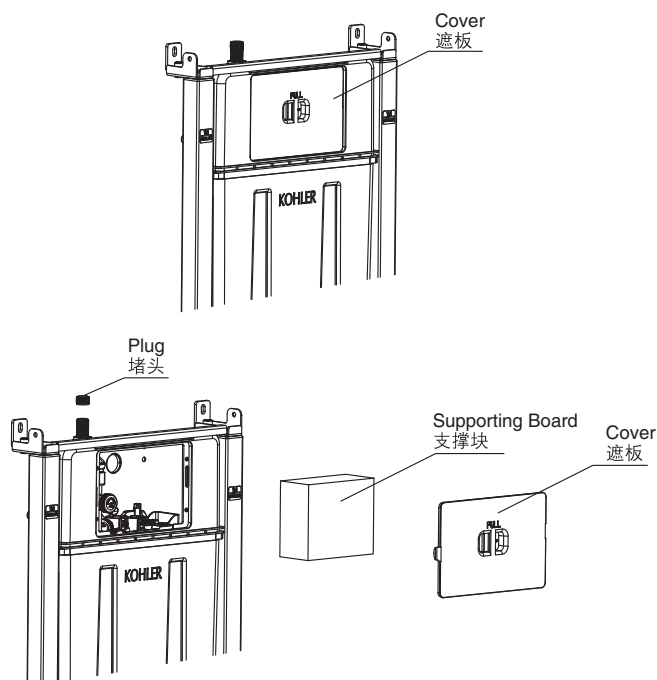
入墙式隐藏水箱(含固定支架)座便器的安装

### A. Installation of In-wall Tank

#### A. 隐藏水箱的安装

1. Remove in-wall tank from packing box. Remove cover board inside water tank first as shown. Then remove support block and plug above bracket assembly.

1. 从包装箱中取出隐藏水箱，如图首先把水箱里的遮板取下，再取出支架组件上方的支撑块和堵头。

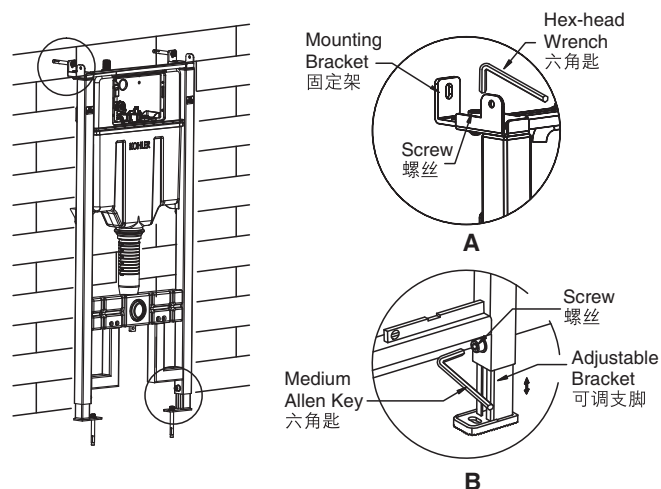


2. Loose hex-head screw and adjust mounting bracket height as shown in Fig A.  
Loose hex-head screw and adjust supporting feet height as shown in Fig B.

**Note:** mounting bracket and supporting feet shall be adjusted per customer ideal height. Use leveler to ensure the balance of steel bracket.

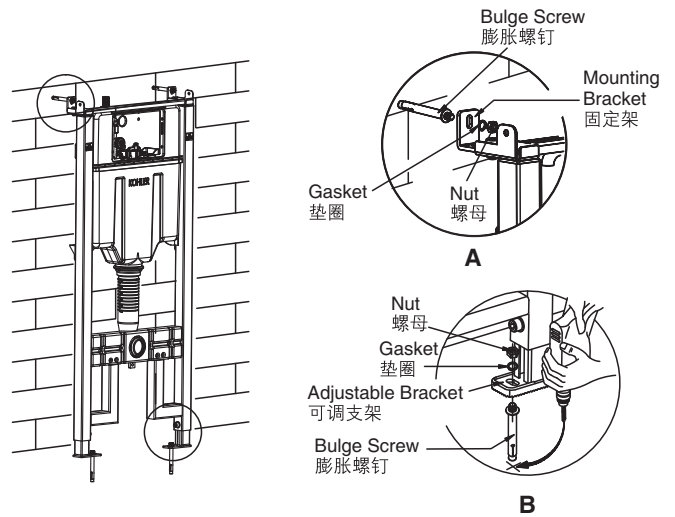
2. 如图A用六角匙拧松螺丝后可调节固定架伸长或缩短。  
如图B用六角匙拧松螺丝后可调节可调支脚伸长或缩短。

注：固定架与可调支脚可根据客户的理想高度进行调节，调节时请用水平尺确保铁架保持平衡。



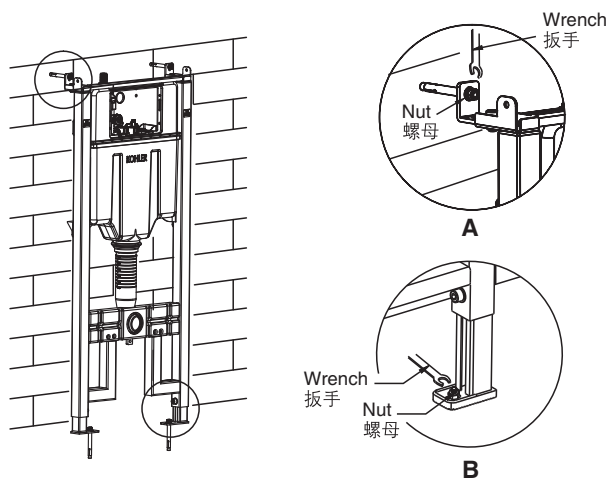
3. Drill four holes with diameter of 10mm and depth of 80mm with churn drilling as shown.
- A. Fill the bulge nail into the instruction hole on the wall, fix the fixing frame to the bulge nail, adjust the gasket and tighten the nut.
- B. Fill the bulge nail into the instruction hole, fix the adjustable bracket to the bulge nail, adjust the gasket and tighten the nut.

3. 如图A、B用冲击钻钻四个 $\varnothing 10\text{mm}$ 深80mm的小孔。
- A. 将膨胀胶钉塞进墙体安装孔上，再把固定架装在膨胀胶钉上，调整好位置后套上垫圈，拧紧螺母。
- B. 将膨胀胶钉塞进安装孔中，再把可调支架装在膨胀胶钉上，调整好位置后套上垫圈，拧紧螺母。



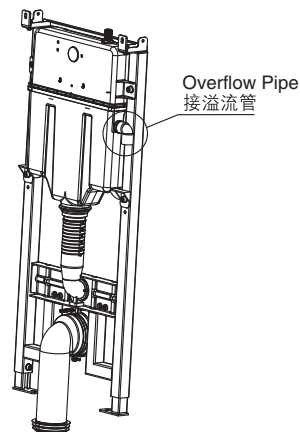
4. Tighten the nut with the wrench as shown in illustration A.
- Tighten the nut with the wrench as shown in illustration B.

4. 如图A用扳手拧紧螺母。
- 如图B用扳手拧紧螺母。



Connect with overflow pipe on the side when installing K-20009K-PNE/K-20011K-PNE.

K-20009K-PNE/K-20011K-PNE施工时侧边接溢流管。

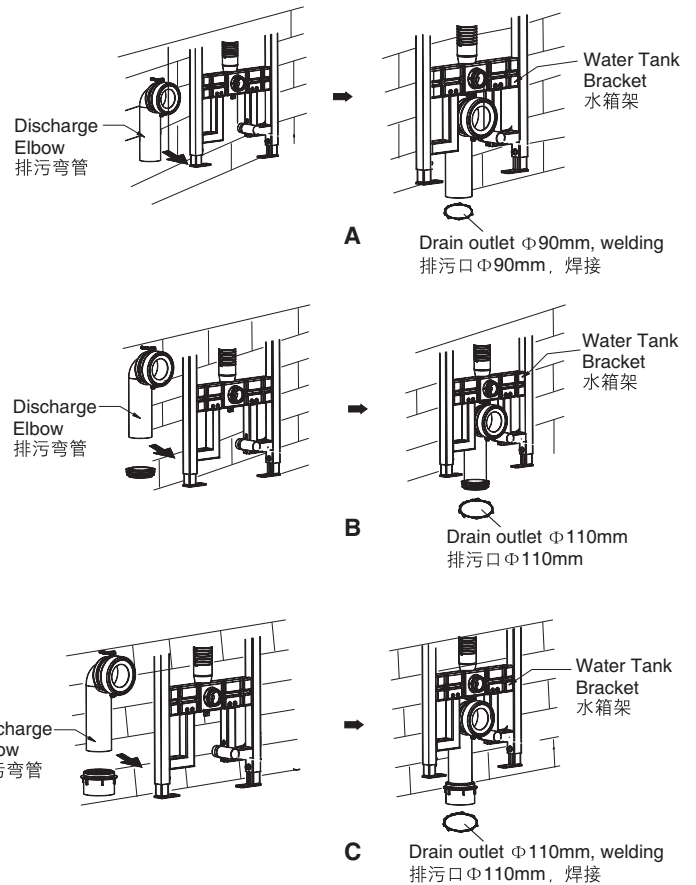


## B. Floor Discharge Installation Method

### B. 地排安装方法

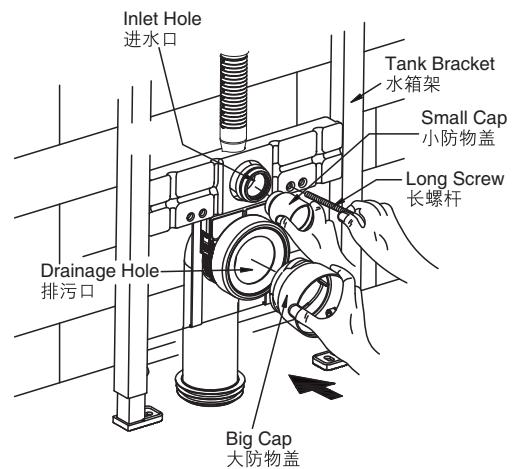
1. Three discharge pipe installation methods based on actual situation: A, B, C, adjust position by screw driver. Snap discharge pipe lower end into discharge port.

1. 首先根据实际情况有三种排污弯管安装方法：A，B，C，然后用螺丝刀旋调节螺丝调整位置。最后再把排污弯管的下端装进排污口。



2. Tighten the long screw into the holes of the tank bracket and cover the drainage hole with the big cap, cover the inlet hole with the small cap.

2. 如图将长螺杆旋入水箱架的螺丝孔上，再将大防物盖装在排污口上，小防物盖装在进水口上。

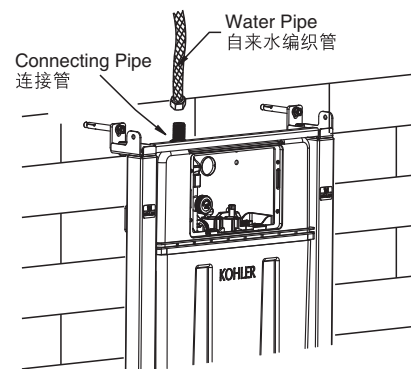


3. Connect tap water braided tube on the top of water tank for water supply as shown.

Note: 1. Ensure water tank internal valve is OFF.  
2. Suggestion: connect a temporary rubber or plastic hose on valve, flush water supply pipeline. Ensure water is clean, no residual sand stone or fouling inside pipeline.

3. 如图所示将自来水编织管装在水箱顶部连接管上供水。

注: 1. 确保水箱内部进水角阀为关闭状态。  
2. 建议在连接供水时，在角阀上连接一个临时橡皮或塑料软管，冲洗供水管道，确保管路中的水干净，管道内无沙石、垢污等。



4. According to different faceplates, there are different installations of access panel as below.

4. 根据不同面板，检修口有如下安装方式：

1) K-20341T-PNE/K-75890T-PNE Access Panel Installation Methods:

There are three ways to install access panel:

Method one: Press from front

Method two: Remote plate installation: fix four plates with screws

Method three: Remote installation of mask

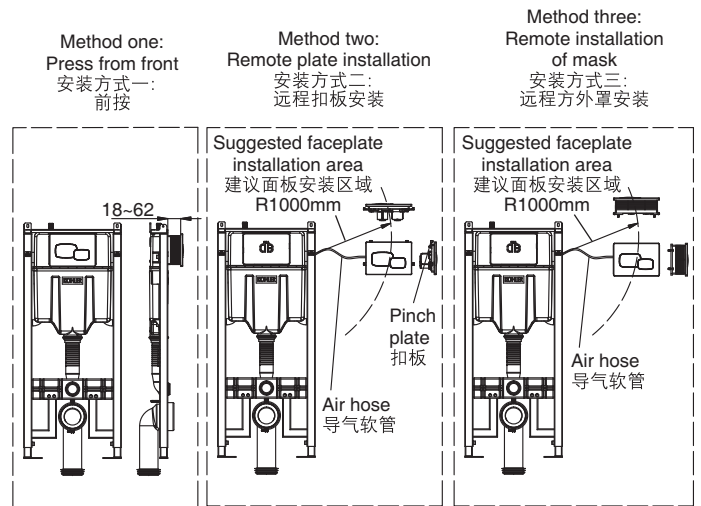
1) K-20341T-PNE/K-75890T-PNE检修口安装方法：

首先根据面板安装的实际情况有三种安装方式：

安装方式一：前按

安装方式二：远程扣板安装：四个扣板通过螺丝固定

安装方式三：远程方外罩安装

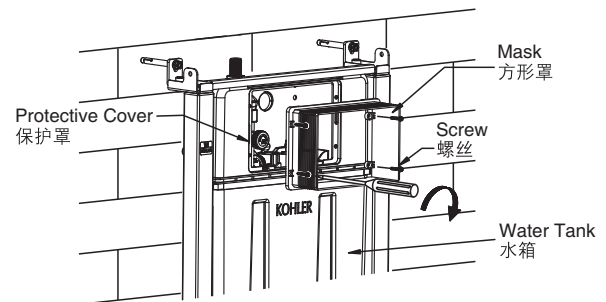


A. Method one: Install mask when pressing from front

a) Install the mask in the block screen of the tank, and tighten the screw to fix the mask to the tank.

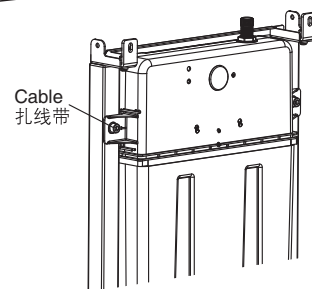
A. 面板安装方式一：前按时，方外罩安装

a) 如图将方形罩装在水箱的挡盖里，再拧紧螺丝使方形罩固定在水箱上。



b) Cut apart the cable of the air hose and pull it out from the mask.

b) 将导气软管的扎线带剪开，导气软管从方外罩引出。



B. Methods two and three: During remote installation, fix the cover onto the tank and pull the air hose to the panel. Reserve access panel at front to ensure removal and installation of cover.

B. 面板安装方式二和三，远程安装时，将遮板装到水箱，导气软管引到面板安装的位置。水箱遮板前方预留检修口，确保遮板能从检修口取出和安装。

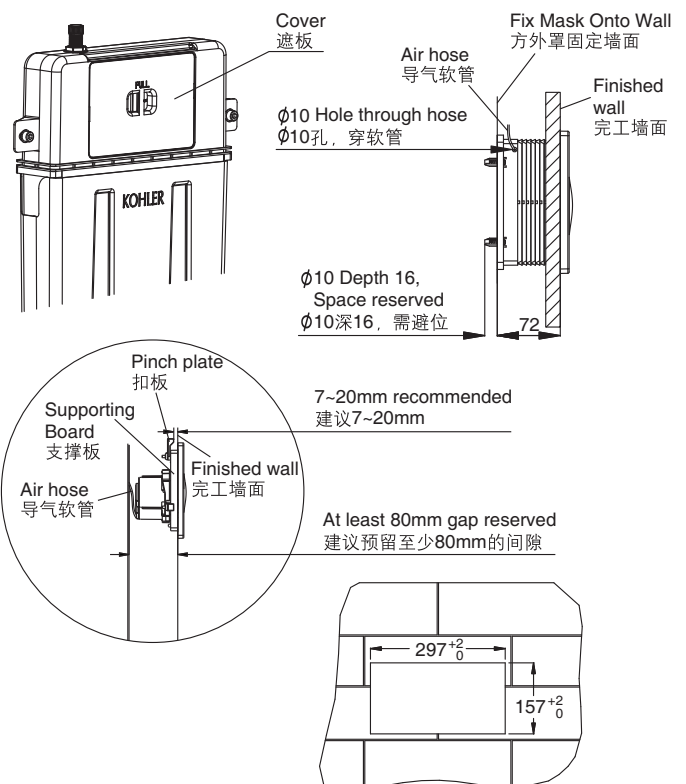
Method two: During remote plate installation, 7~20mm thickness is recommended for the wall of the pinch plate and at least 80mm gap is reserved.

Recommended installation hole size of  $297^{+2}_0 \times 157^{+2}_0$  mm to remote plate installation.

Method three: During remote 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.

面板安装方式二，远程扣板安装，扣板处假墙厚度建议7~20mm，预留最小间隙80mm。扣板安装的建议安装孔尺寸 $297^{+2}_0 \times 157^{+2}_0$  mm。

面板安装方式三，远程方外罩安装，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。



## 2) K-23055T-PNE access panel installation and installation hole size

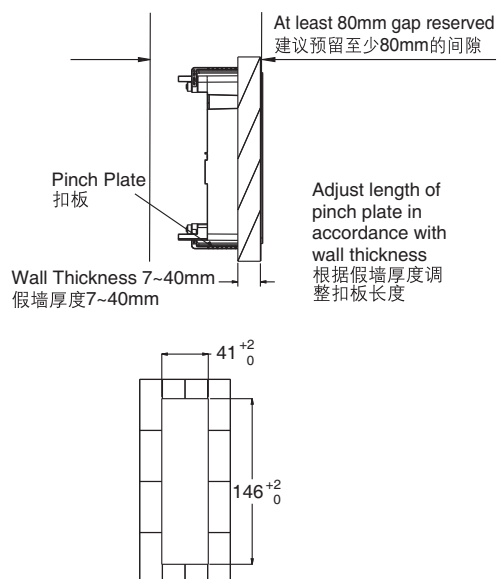
### 2) K-23055T-PNE面板检修口及安装口安装方式

There is only remote installation with K-23055T-PNE, During remote installation, fix the cover onto the tank and pull the air hose to the panel. Reserve access panel at front to ensure removal and installation of cover.

本面板仅有远程扣板安装，远程安装时，将遮板装到水箱，导气软管引到面板安装位置。水箱遮板前方预留检修口，确保遮板能从检修口取出和安装。

Recommended installation hole size of  $146^{+2}_0 \times 41^{+2}_0$  mm.

此面板的安装口开口尺寸 $146^{+2}_0 \times 41^{+2}_0$  mm见右图。



## 3) K-23056T/K-23056TW access panel installation

### 3) K-23056T/K-23056TW面板检修口安装方式

a) There is only press from front installation with K-23056T/K-23056TW.

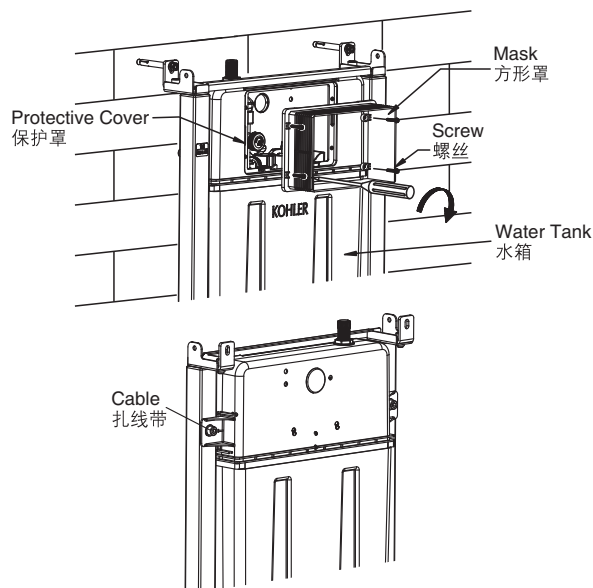
a) 面板K-23056T/K-23056TW仅有前按安装方式。

b) Install the mask in the block screen of the tank, and tighten the screw to fix the mask to the tank.

b) 如图将方形罩装在水箱的挡盖里，再拧紧螺丝使方形罩紧固在水箱上。

c) Cut apart the cable of the air hose and pull it out from the mask.

c) 将导气软管的扎线带剪开，导气软管从方外罩引出。

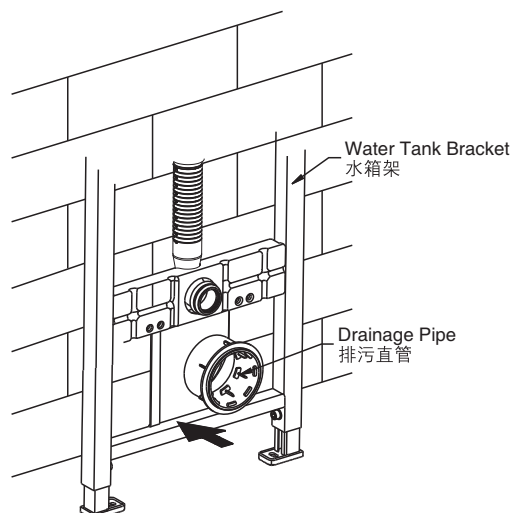


## C. Installation of P-trap

### C. 横排安装方法

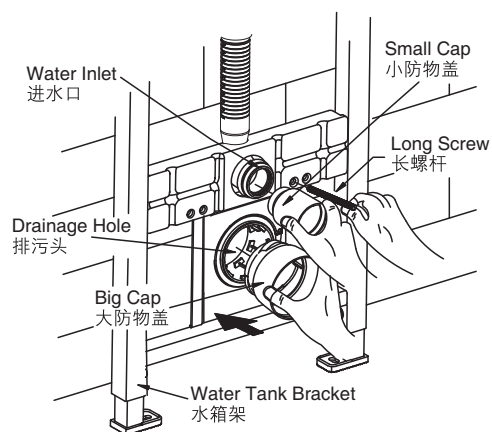
1. Insert drainage pipe with inner diameter  $\Phi 110$ mm into drain elbow and weld.

1. 将排污直管装入内径 $\Phi 110$ mm的排污管道，焊接。



2. Tighten the long screw into the holes of the tank bracket and cover the drainage hole with the big cap, cover the inlet hole with the small cap.

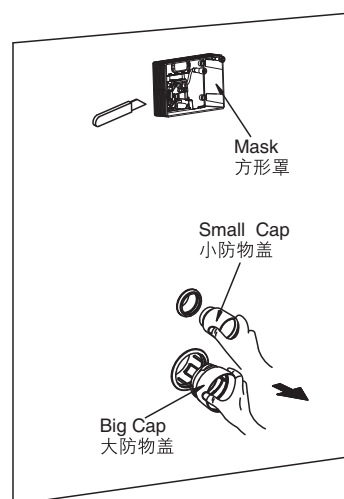
2. 如图将长螺杆旋入水箱架的螺丝孔中，再将大防物盖装在排污头上，小防物盖装在进水口上。



3. When finishing the brickwork of the wall, take out the big and small caps, and eliminate unwanted mask with a sharp knife, if there is mask.

**Note:** Reserve access panel at front of the tank in remote installation.

3. 如图砌完墙后。将大、小防物盖取出，然后根据需要，有方外罩时用水口刀把方形罩多余的长度锯掉。  
注：远程安装时，水箱的前方预留检修口。

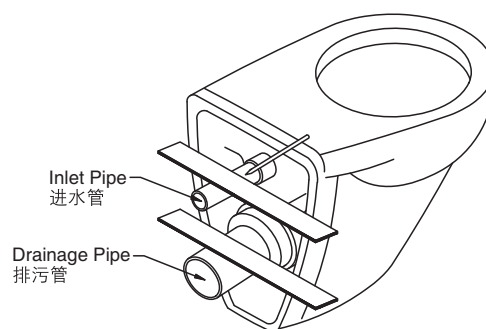


## D. Installation of Toilet

### D. 座便器安装方法

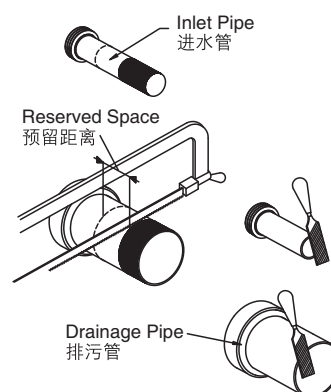
1. Install the inlet pipe to the lavatory as shown, and mark on the pipes at the back side of the tank with a ruler and a pencil, and reserve appropriate space according to the distance from the back of the tank to the inlet hole on the wall.

1. 按图将排污管、进水管装在座便器上，用直尺放在座便器后面的排污管、进水管用铅笔作标记。再根据座便器后面到墙壁排污头的实际情况作预留距离。



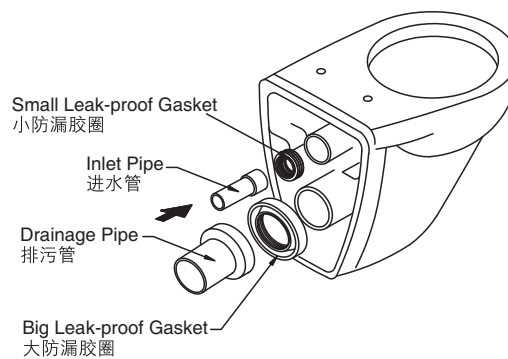
2. Eliminate unwanted part of the inlet pipe according to the marks of reserved space, and rasp a smooth surface with files.

2. 如图在排污管、进水管已作标记的后端预留的位置上将多余部分锯掉。然后再用锉刀将锯掉的面锉平整并倒角。



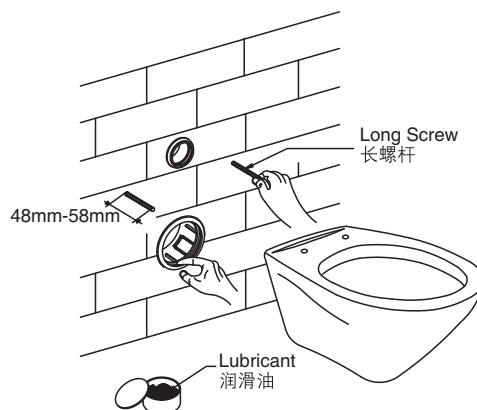
3. Install the big and small leak-proof gaskets on inlet pipe and outlet pipe ,then install it to corresponding pipes on the toilet tank.

3. 如图将座便器的排污管、进水管装上大、小防漏胶圈，然后装在座便器的相对应管道。



4. 48mm-58mm of the long screw shall be reserved outside the wall as shown in the illustration. if the long screw outside the wall is not long enough or much longer than that needed, it should be adjusted with screwdriver or by hand. Then apply lubricant to drainage pipe and limber pipe to ensure a smooth installation.

4. 如图长螺杆在墙壁上凸出来的尺寸应该保留48mm-58mm。假如长螺杆长度不够或过长就用手或螺丝刀适量调节。然后在排污头、排水孔上涂上润滑油，使排污管、排水管安装畅顺。



5. Install the toilet as shown in the illustration, and use a spirit level to ensure the lavatory to remain level.

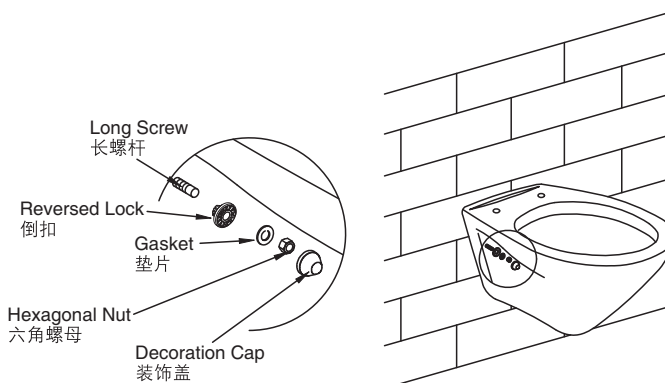
5. 如图将座便器装上，并用水平尺测量座便器是否平衡。



6. Install the reserved lock, gasket, hexagonal nut and decoration cap onto long screw according to the order shown in the illustration.

**Note:** Please refer to the installation instructions of toilet.

6. 如图首先将倒扣、垫片套在长螺杆上。然后拧紧六角螺母，最后盖上装饰盖即可。  
注：实际安装座便器时，依照对应座便器的安装方法。



## E. Faceplate Installation

### E. 面板安装方法

According to different faceplates, there are different faceplate installations as below:

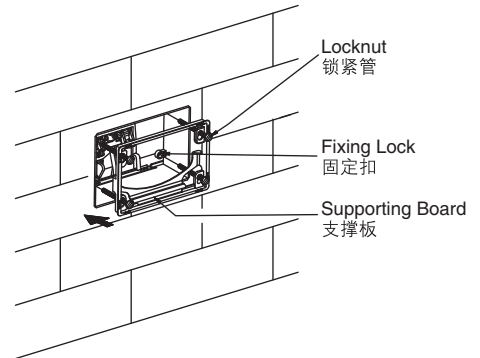
根据不同面板，面板有如下安装方式：

#### 1. K-20341T-PNE/K-75890T-PNE installation

##### 1. K-20341T-PNE/K-75890T-PNE面板安装方式

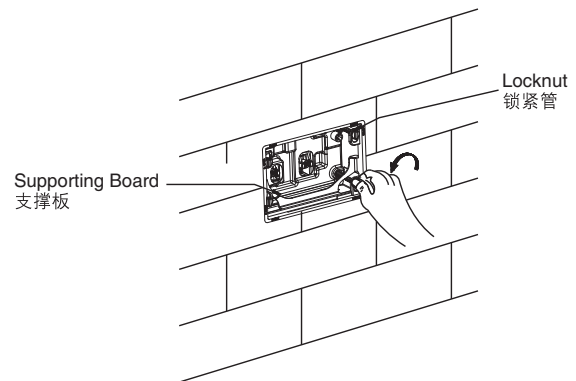
- 1) When tighten four locknuts on supporting board, adjust to "OPEN" mark as shown.

- 1) 如图将支撑板装上时，把四颗锁紧管调整在标识“OPEN”字样装上。



- 2) Tighten four screws to "LOCK" mark after installing supporting board as shown.

- 2) 如图将支撑板装上后，把四颗锁紧管旋转到“LOCK”字样即可。

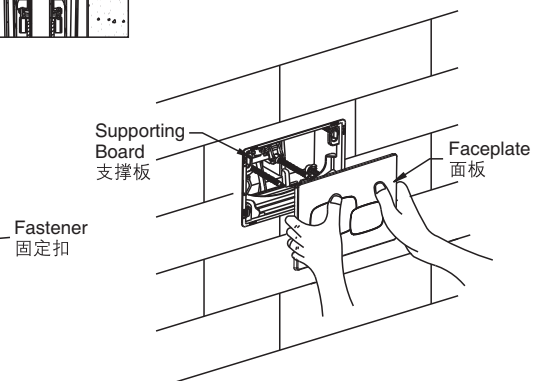
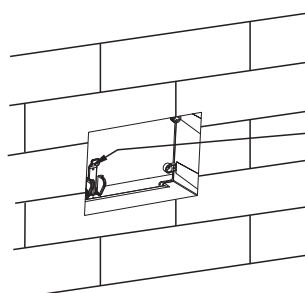
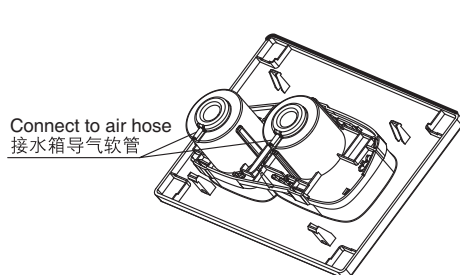
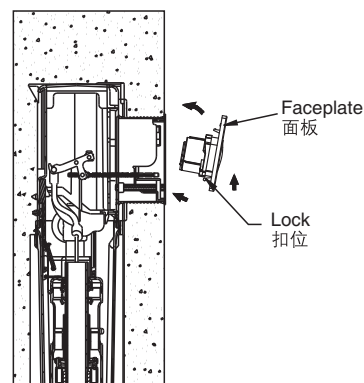


- 3) Install the full flush air hose and half flush air hose to the cover. Put the lock on the cover directly on the reversed lock on supporting board, then push the cover and lock it. The installation shall begin from bottom to top.

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

- 3) 如图将水箱的大排导气软管和小排导气软管装入面板，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。

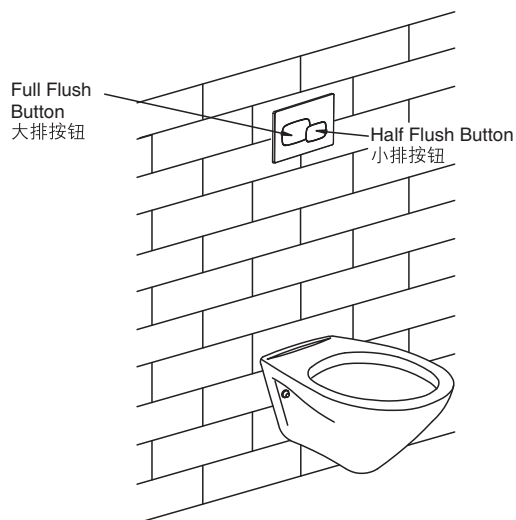
注：根据实际情况将导气软管的多余部分切除，并固定在水箱固定扣上。



4) It is ready to use when connected to water supply after installation.

**Note:** Reserve access panel at front of the tank in remote installation.

4) 安装完毕，通水使用。  
注：远程安装时，水箱的前方预留检修口。

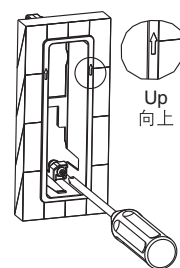


## 2. K-23055T-PNE installation

### 2. K-23055T-PNE面板安装方式

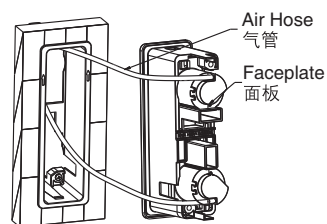
1) Suggested faceplate fixed frame installation direction.

1) 建议面板固定框安装方向。



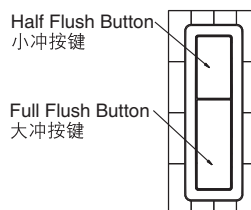
2) Connect air hose to faceplate from water tank.

2) 将从水箱引出的气管连接到面板。



3) Insert faceplate into faceplate fixed frame with half flush upward. Installation is completed.

3) 小按键朝上，将面板插入面板固定框，安装完毕。



4) It is ready to use when connected to water supply after installation.

Reserve access panel at front of the tank in remote installation.

4) 安装完毕，通水使用。  
注：远程安装时，水箱的前方预留检修口。

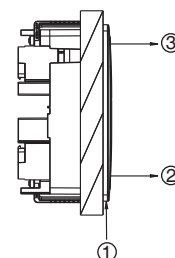
5) How to remove.

5) 如何拆卸。

① Push Up  
向上推

② Pull Out  
向外拉

③ Pull Out  
向外拉



### 3. K-23056T/K-23056TW installation

#### 3. K-23056T/K-23056TW面板安装方式

##### 1) Transformer Installation

Fix the transformer onto the wall, as illustrated, the output connector of transformer(with 2 core female connector) through the tube(suggestion: tube inner dia.  $\Phi 16 \sim \Phi 20$ ) into tank. Connect the input terminal of transformer(black) with power supply 220V/110V AC. Customer can use the PVC pipe for wiring.



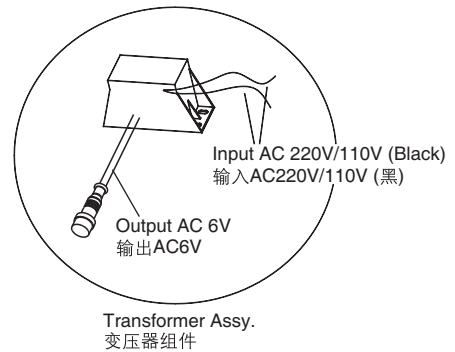
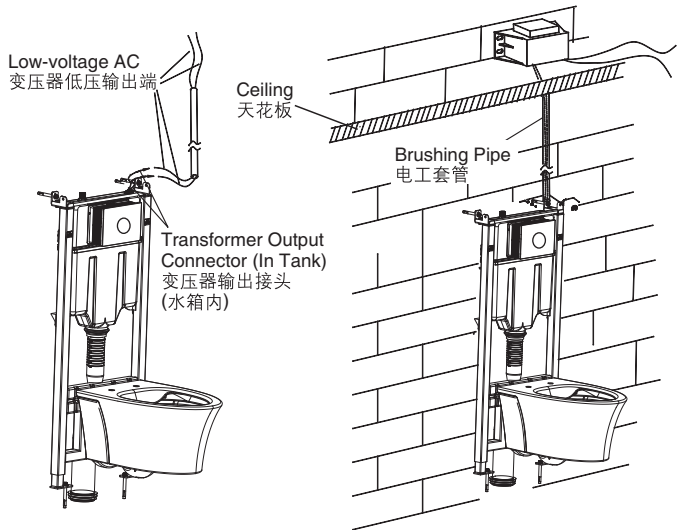
**Warning:** Don't mistake the input and output terminal, or it may cause damage to the product. Insulation measures must be taken at the connection. Otherwise, short-circuit current may occur and damage the transformer.

##### 1) 变压器安装方法

将变压器固定在墙上，按照图所示走线，将变压器输出端(带2芯母端子)穿过电工套管(建议内径:  $\Phi 16 \sim \Phi 20$ )到水箱内。电工套管如图所示固定后，变压器的高压输入端(黑线)接AC220V/110V交流电。



**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。

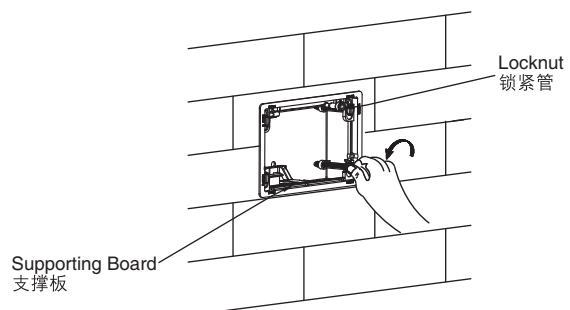
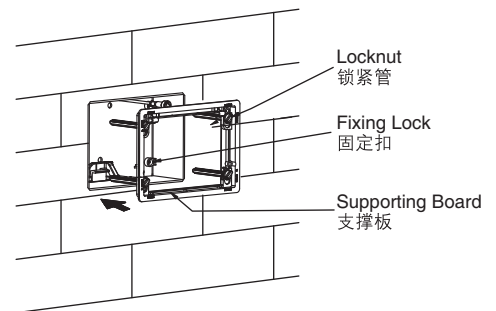


##### 2) Faceplate Installation

- When tighten four locknuts on support board, adjust to "OPEN" mark as shown.
- Tighten four screws to "LOCK" mark after installing support board as shown.

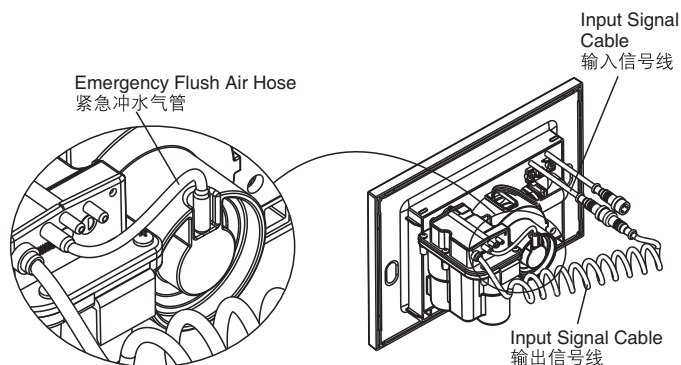
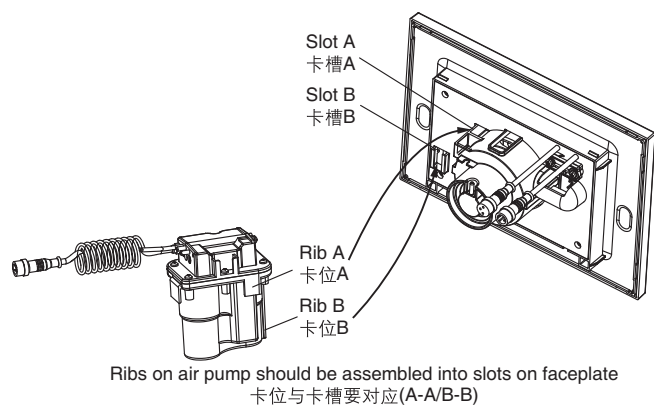
##### 2) 面板安装方法

- 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。
- 如图将定位板装上后，把四个锁紧管旋到"LOCK"字样即可。



C. Install air pump to faceplate, connect emergency flush air hose to outlet pipe in faceplate. Connect output signal cable and input signal cable together, and tighten nut.

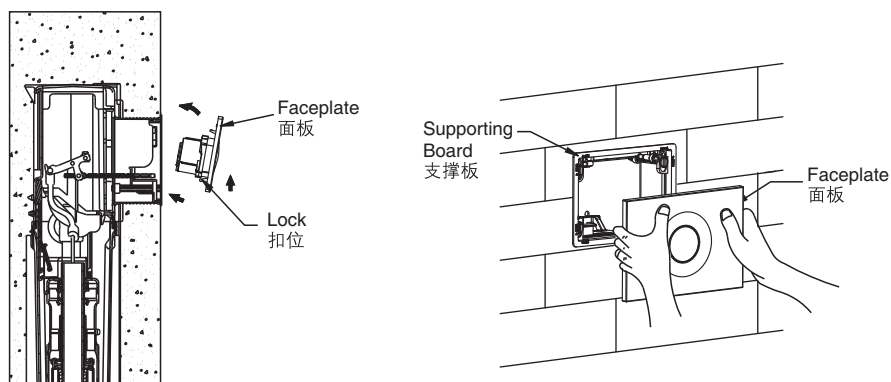
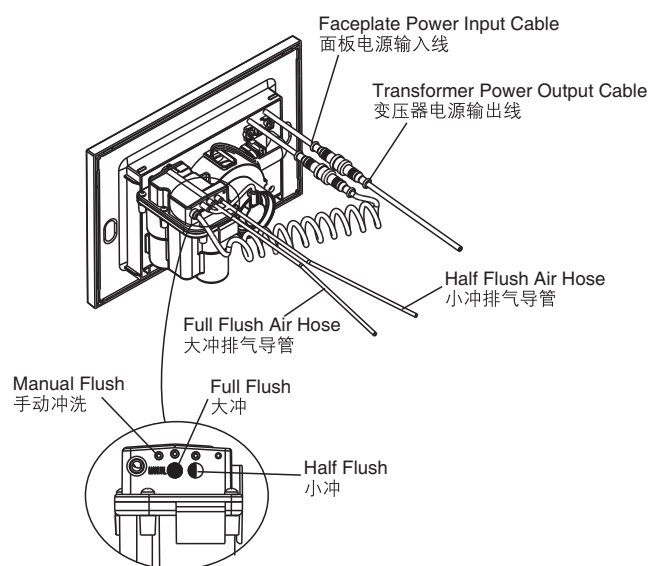
C. 安装气泵到面板，连接紧急冲水气管到面板上的出气口。连接信号输出线和信号输入线在一起，并拧紧螺母。



D. Connect big flush air hose and half flush hose to outlet joint in air pump. Connect power output cable of transformer and power input cable of faceplate together, and tighten nut. 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.

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

D. 连接大冲排气导管和小冲排气导管到气泵上的出气管。把变压器的电源输出线与面板电源输入线连接在一起，并拧紧螺母。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。  
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。



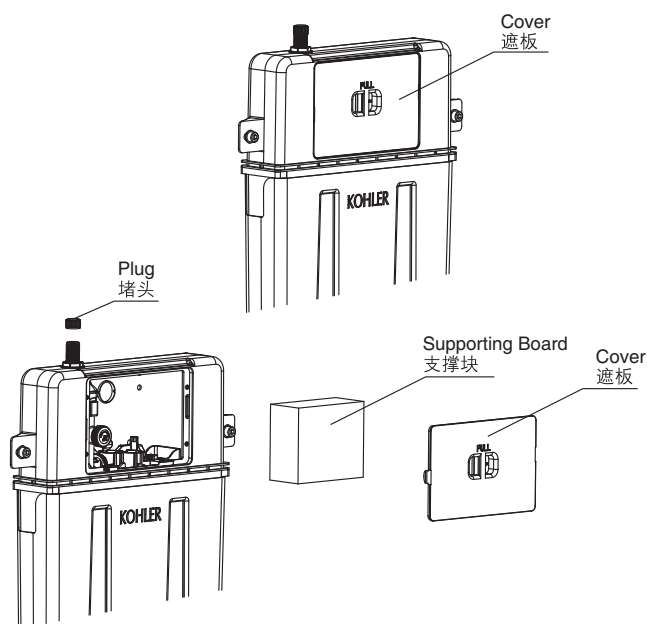
## Installation For In-wall Tank Without Frame 无框架入墙式隐藏水箱座便器的安装

### A. Installation of In-wall Tank

#### A. 隐藏水箱的安装

1. Remove in-wall tank from packing box. Remove cover board inside water tank first as shown. Then remove support block and plug above bracket assembly.

1. 从包装箱中取出隐藏水箱，如图首先把水箱里的遮板取下，再取出支架组件上方的支撑块和堵头。



2. Make sure of h according to dimensions of bowl and then locate the installation hole of fixing bracket. Mark on the wall for appropriate position for fixing bracket, and drill four holes with diameter of 10mm and depth of 80mm with churn drilling as shown in illustration, and fill in the holes with bulge screw and tighten the screw to set the fixing bracket.

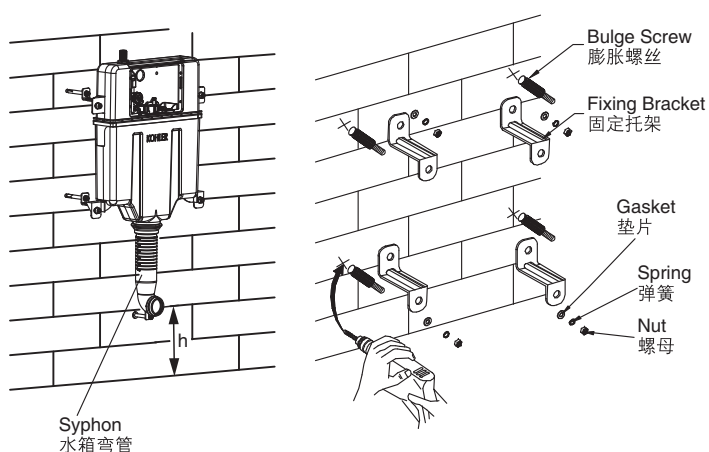
**Note:** 1. Ensure the fixing bracket to remain level.

2. Cut the syphon 0~70mm short if necessary.

2. 如图首先根据座便器的尺寸确定高度h，进而确定固定托架的安装孔。在墙壁上把固定托架的安装孔作记号后，用冲击钻钻四个Ø10mm深 80mm的小孔，然后装上膨胀螺丝，再把固定托架装在膨胀螺栓上拧紧螺母。

注：1. 固定托架要保持平衡。

2. 水箱弯管可根据需要切短0~70mm。

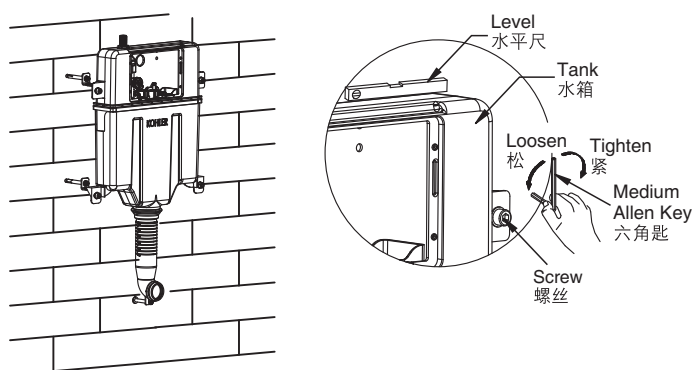


3. Put the tank onto the fixing bracket as shown in the right figure and adjust the tank to level. Then tighten screws with hex-head key.

**Note:** it is a must to keep the tank level.

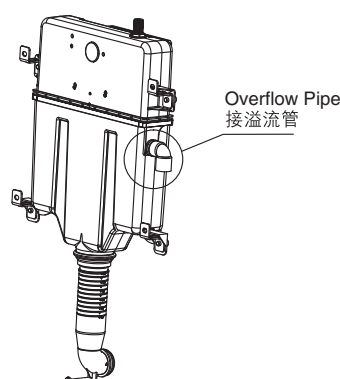
3. 如图把水箱放在固定托架上，用水平尺调整水箱平衡，再用六角匙将螺丝拧紧。

注：水箱一定要保持平衡。



4. Connect with overflow pipe on the side when installing K-78076K-PNE/K-78078K-PNE.

4. K-78076K-PNE/K-78078K-PNE施工时侧边接溢流管。

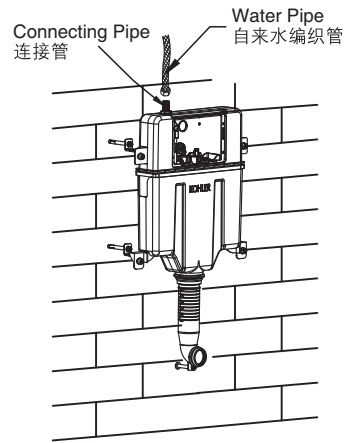


5. Connect tap water braided tube on the top of water tank for water supply as shown.

Note: 1. Ensure water tank internal valve is OFF.  
2. Suggestion: connect a temporary rubber or plastic hose on valve, flush water supply pipeline. Ensure water is clean, no residual sand stone or fouling inside pipeline.

5. 如图所示将自来水编织管装在水箱顶部连接管上供水。

注: 1. 确保水箱内部进水角阀为关闭状态。  
2. 建议在连接供水时, 在角阀上连接一个临时橡皮或塑料软管, 冲洗供水管道, 确保管路中的水干净, 管道内无沙石、垢污等。



6. According to different faceplates, there are different installations of access panel as below.

6. 根据不同面板, 检修口有如下安装方式:

#### 1) K-20341T-PNE/K-75890T-PNE Access Panel

Installation Methods:

There are three ways to install access panel:

Method one: Press from front

Method two: Remote plate installation: fix four plates with screws

Method three: Remote installation of mask

#### 1) K-20341T-PNE/K-75890T-PNE 检修口安装方法:

首先根据面板安装的实际情况有三种安装方式:

安装方式一: 前按

安装方式二: 远程扣板安装: 四个扣板通过螺丝固定

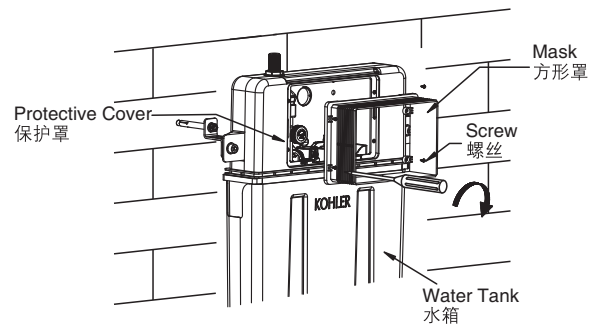
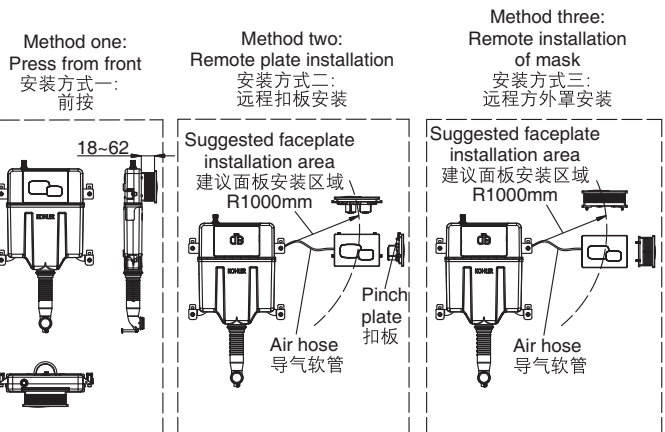
安装方式三: 远程方外罩安装

A. Method one: Install mask when pressing from front

- a) Install the mask in the block screen of the tank, and tighten the screw to fix the mask to the tank.

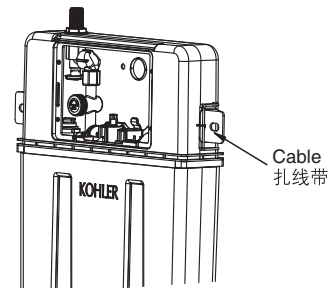
A. 面板安装方式一: 前按时, 方外罩安装

- a) 如图将方形罩装在水箱的挡盖里, 再拧紧螺丝使方形罩紧固在水箱上。



- b) Cut apart the cable of the air hose and pull it out from the mask.

- b) 将导气软管的扎线带剪开, 导气软管从方外罩引出。

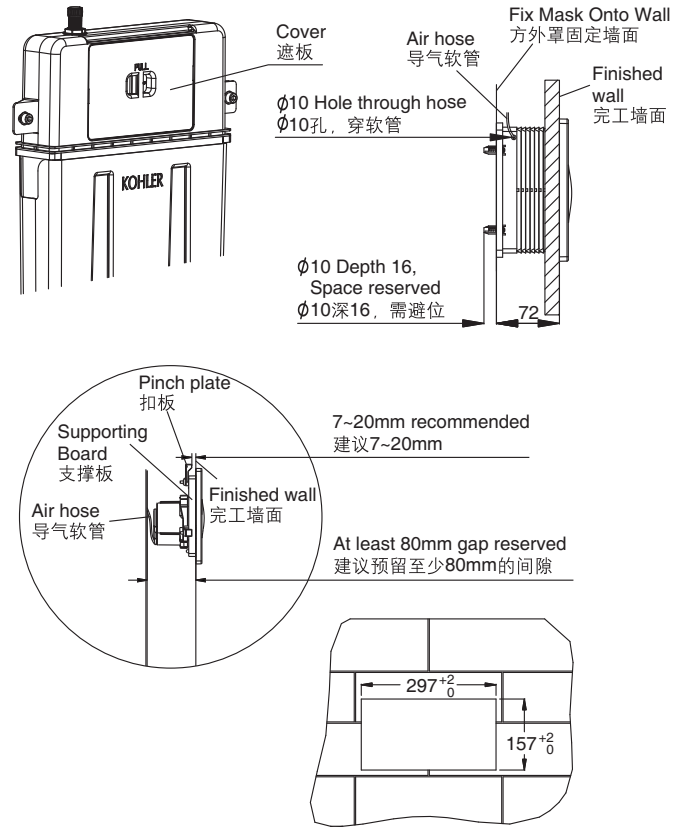


B. Methods two and three: During remote installation, fix the cover onto the tank and pull the air hose to the panel. Reserve access panel at front to ensure removal and installation of cover.

B. 面板安装方式二和三，远程安装时，将遮板安装到水箱，导气软管引到面板安装的位置。水箱遮板前方预留检修口，确保遮板能从检修口取出和安装。

Method two: During remote plate installation, 7~20mm thickness is recommended for the wall of the pinch plate and at least 80mm gap is reserved. Recommended installation hole size of  $297^{+2}_0 \times 157^{+2}_0$  mm to remote plate installation. Method three: During remote 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.

面板安装方式二，远程扣板安装，扣板处假墙厚度建议7~20mm，预留最小间隙80mm。扣板安装的建议安装孔尺寸 $297^{+2}_0 \times 157^{+2}_0$  mm。  
面板安装方式三，远程方外罩安装，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。



## 2) K-23055T-PNE access panel installation and installation hole size

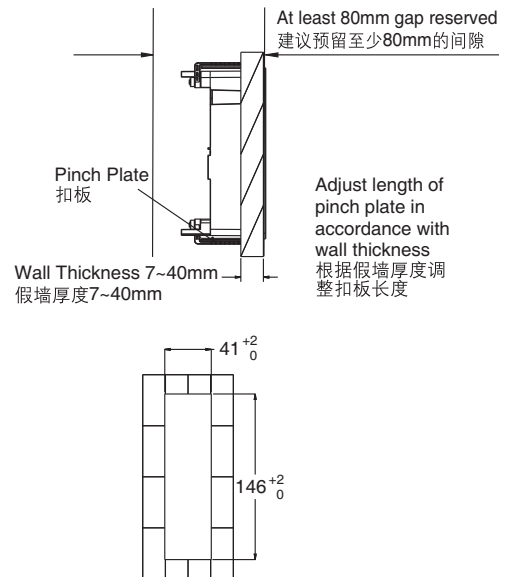
### 2) K-23055T-PNE面板检修口及安装口安装方式

There is only remote installation with K-23055T-PNE, During remote installation, fix the cover onto the tank and pull the air hose to the panel. Reserve access panel at front to ensure removal and installation of cover.

本面板仅有远程扣板安装，远程安装时，将遮板装到水箱，导气软管引到面板安装位置。水箱遮板前方预留检修口，确保遮板能从检修口取出和安装。

Recommended installation hole size of  $146^{+2}_0 \times 41^{+2}_0$  mm.

此面板的安装口开口尺寸 $146^{+2}_0 \times 41^{+2}_0$  mm见右图。



## 3) K-23056T/K-23056TW access panel installation

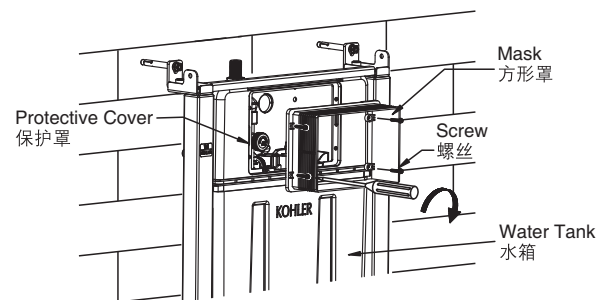
### 3) K-23056T/K-23056TW面板检修口安装方式

a) There is only press from front installation with K-23056T/K-23056TW.

a) 面板K-23056T/K-23056TW仅有前按安装方式。

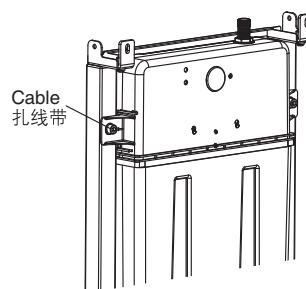
b) Install the mask in the block screen of the tank, and tighten the screw to fix the mask to the tank.

b) 如图将方形罩装在水箱的挡盖里，再拧紧螺丝使方形罩紧固在水箱上。



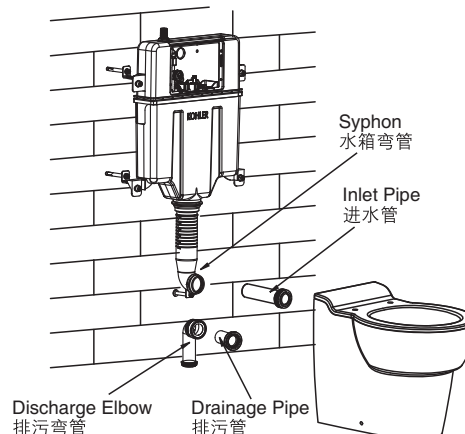
c) Cut apart the cable of the air hose and pull it out from the mask.

c) 将导气软管的扎线带剪开，导气软管从方外罩引出。



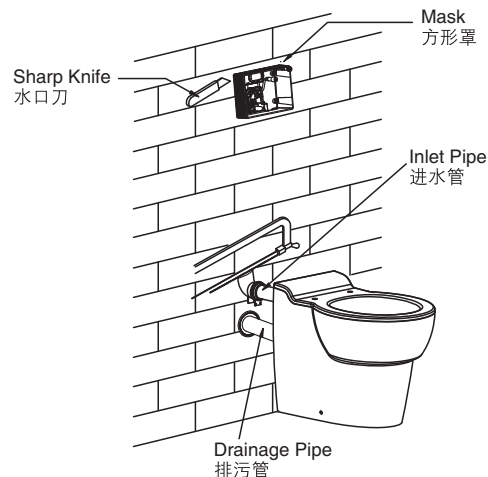
9. Insert the inlet pipe and drainage pipe into the bowl, and then adjust the syphon and drainage pipe to a proper position to be fixed into the bowl. Make sure of the positions of syphon and discharge elbow and then remove the bowl.

9. 如图将进水管和排污管装入座便器，然后调整水箱弯管及排污弯管到合适位置后装入座便器，以确定水箱弯管及排污弯管的位置，拆下座便器。



10. When finishing the brickwork, eliminate unwanted part of the mask, the drainage pipe and the inlet pipe, if there is mask.

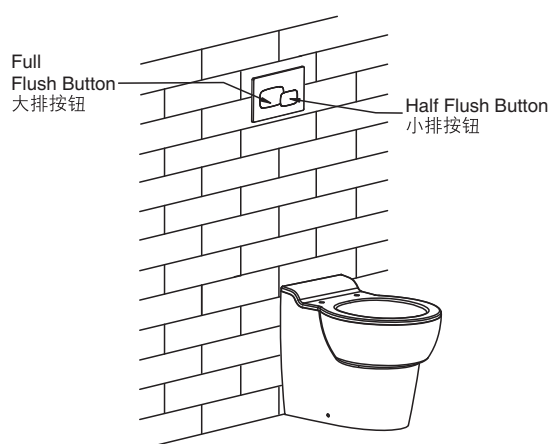
10. 如图砌完墙后，根据需要，有方外罩时，将方形罩及进水管和排污管多余的长度用水口刀锯掉。



11. Fix faceplate according to step E and then it is ready for use.

**Note:** Reserve access panel at front of the tank in remote installation.

11. 按照步骤E安装面板，安装完毕后可以使用。  
注：远程安装时，水箱的前方预留检修口。



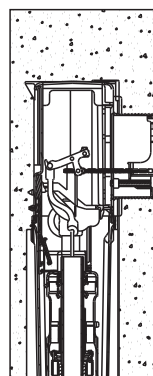
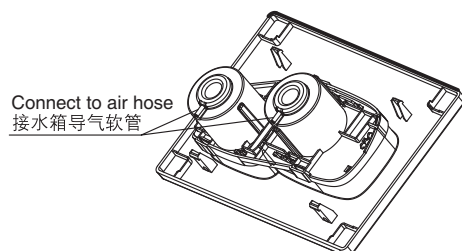
Finished Installation Illustration  
安装完毕示意图

## REMOVE AND MAINTENANCE OF THE OUTLET VALVE 排水阀拆卸与维护

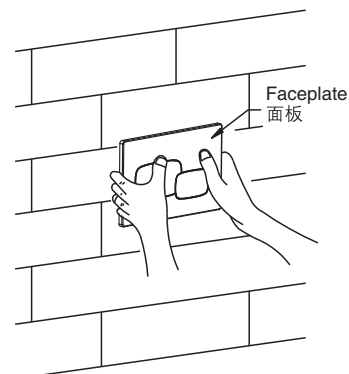
1. Remove the air hoses of the big flush and small flush.

Then remove the faceplate.

1. 拆下面板上安装的水箱大排导气软管和小排导气软管后，取下面板。

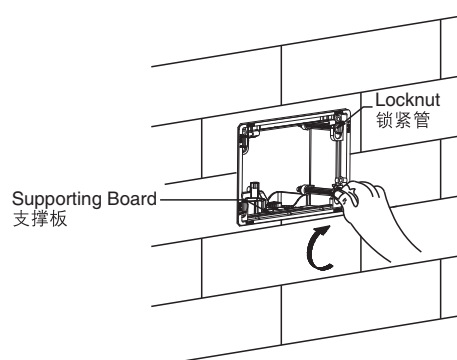


Faceplate  
面板



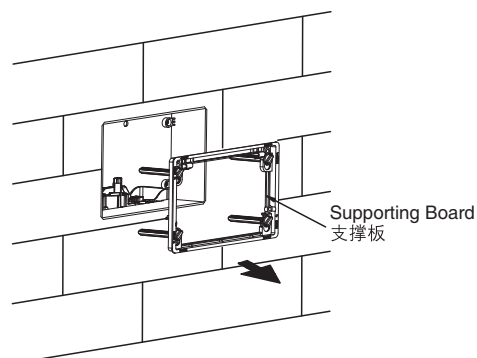
2. Pay special attention when dismantle supporting board 4 lock nuts, all bolts shall align with "OPEN" mark.

2. 如图将支撑板拆卸时注意四颗锁紧管要全部对准“OPEN”字样。



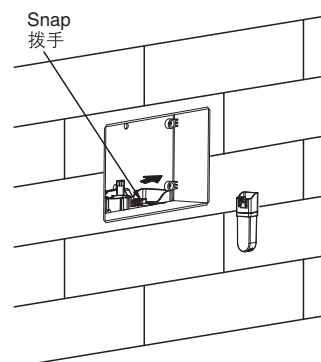
3. Dismantle supporting board as shown.

3. 如图拆出支撑板。



4. Push aside the snap of the toilet detergent box to take the box out.

4. 如图拨动洁厕剂盒的拨手，取出洁厕剂盒。

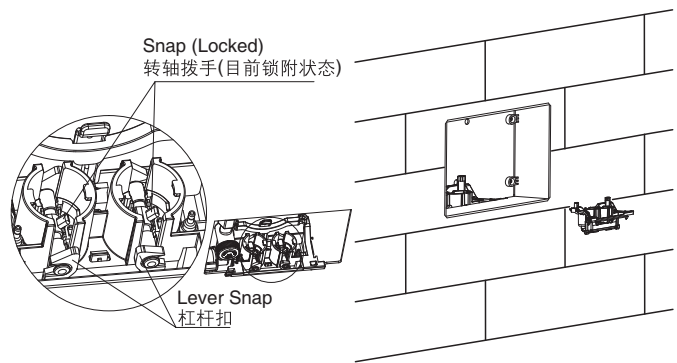


5. Push aside the pivot snaps of the big flush and small flush towards upper right to make the lever and pivot apart. Hold bracket top by hand and then lift up to unlock the bracket.

**Note:** Push aside the pivot snaps of the big flush and small flush towards lower left to fix back the bracket. Lock the snap.

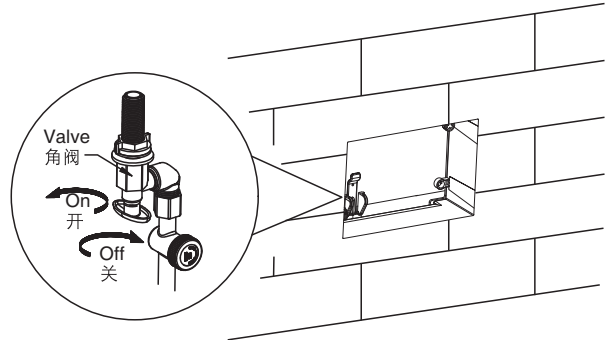
5. 右上方拨开大排和小排的转轴拨手，使杠杆和转轴分离。用手握住支架的上端，然后用力向上提拉把支架的锁紧拨开。

注：支架装回时，左下方拨动大排和小排的转轴，拨手至锁紧状态。



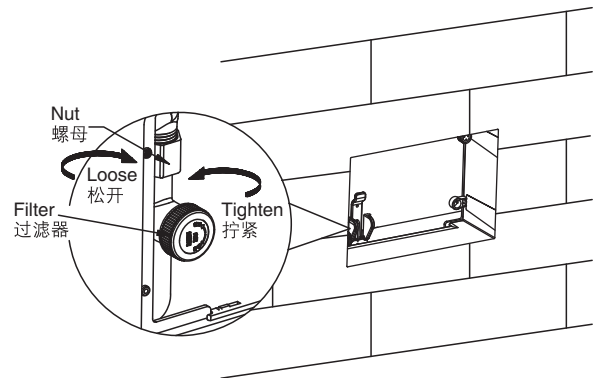
6. Open/close water supply  
Rotate valve switch to open/close water supply as shown.

6. 打开或关闭水源  
如图旋转角阀的开关可使水源打开或关闭。



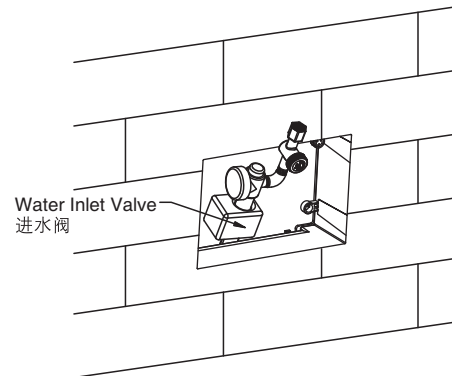
7. Loose filter nut as shown, then take water inlet valve out.

7. 如图把过滤器的螺母旋松，然后取出进水阀。



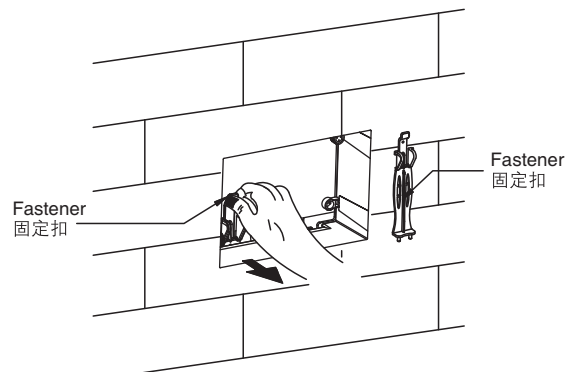
8. Loose filter nut as shown, then take water inlet valve out for cleaning or adjusting.

8. 如图将过滤器的螺母旋松后，取出进水阀清洁或调节。



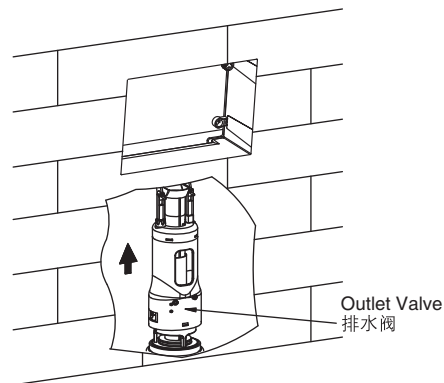
9. Hold fastener by hand as shown, pull the top of fastener along the direction of arrow. Then remove fastener.

9. 如图用手握住固定扣的上端向箭头方向拨动，然后取出固定扣。



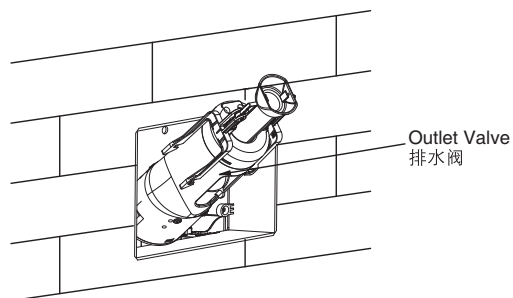
10. Pull discharge valve along the arrow direction as shown to remove discharge valve.

10. 如图将排水阀向箭头方向旋转，可使排水阀取出。



11. Remove discharge valve as shown and then take valve out for cleaning.

11. 如图将排水阀取出后可清洁。

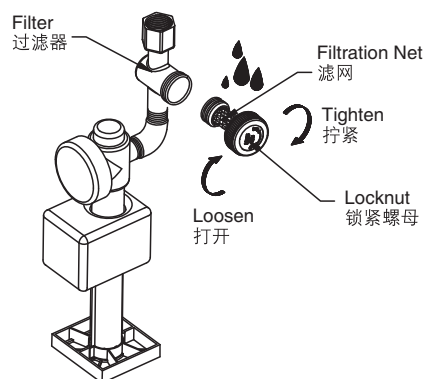


## A. Wash Filtration Net

Close corner valve first, then loosen and take out the tighten nut, and wash the waste on filtration net with clean water. then reset the tighten nut to the original position.

### A. 清洗过滤器

如图将过滤器的锁紧螺母旋松取出用清水清洗滤网泥沙，然后将锁紧螺母装回原位锁紧即可。

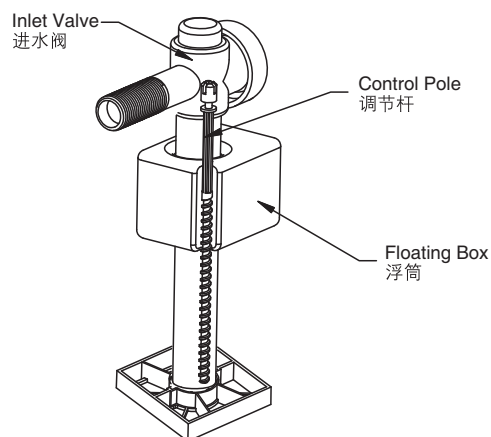


## B. Adjust Inlet Valve

Hoist and reduce the water level in the tank by adjusting the control pole. Turn the control pole counterclockwise to lower down the floating box and reduce the water level of the tank. turn the control pole clockwise to hoist the floating box and increase the water level in the tank.

### B. 进水阀的调校

如图调校调节杆可以使水箱水位升高或降低。当逆时针旋转调节杆时，浮筒下降，水箱水位就低。顺时针旋转调节杆使浮筒上升，水箱水位高。



## TROUBLE SHOOTING PROCEDURES      故障排除

Symptoms	Probable Causes	Recommended Action
No water fills in via inlet valve	The inlet valve is closed.	Open inlet valve.
	Floating box of inlet valve is blocked by other parts.	Readjust the position of other parts to avoid contacting the floating box when it is functioning.
	Floating box of inlet valve is block by waste.	Wash the floating box with clean water.
No drainage when pressing the heavy and slight drainage button	The air hose and faceplate are wrongly installed.	Reinstall the air hose.
	The pole and the reversed lock are not connected.	Reinstall the reversed lock onto the pole of the outlet valve.
Too high or too low water level	The floating box of the inlet valve is not properly adjusted.	Readjust the water level.
Leak of the toilet and squat	The floating box of the inlet valve is blocked by wastes, so the water is leaked from the overflow pipe.	Readjust the position of other parts to avoid contacting the floating box when it is functioning.
	The rubber gasket is blocked by wastes.	Take out the outlet valve and clean the wastes.
Toilet does not flush	A. No water supply. B. The water supply stop is closed.	A. Wait for restoration of water supply. B. Open the water supply stop.
Toilet does not flush completely	Filter screen is clogged.	Refer to wash filtration net.

现象	原因	排除方法
进水阀不进水	进水角阀没有打开。	把进水角阀打开。
	进水阀的浮筒被其它零件挡住。	调整其它零件切勿与浮筒工作时位置接触。
	进水阀的浮筒被杂物粘住。	用水清洗干净浮筒。
按下大、小排按钮时不排水	导气软管与面板安装错误。	重新安装导气软管。
	排水阀的杠杆扣与倒扣没接上。	重新安装倒扣在排水阀杠杆扣上。
水位太高或太低	进水阀的浮筒没有调整好。	重新调整水位。
座便器漏水	水箱进水时进水阀的浮筒有杂物挡住，止不住水。水从排水阀溢水管漏水。	调整其它零件切勿与浮筒工作时位置接触。
	封水片有杂物。	取出排水阀清洗封水片的杂物。
座便器不冲水	A. 停水。 B. 供水角阀关闭。	A. 等到恢复供水。 B. 打开供水角阀。
座便器冲不干净	过滤网阻塞。	查看“清洗过滤器”部分。