



SPACITY 思拓
INSTALLATION INSTRUCTIONS
安装说明书
FLOOR STANDING TOILET
釉面陶瓷落地坐便器
S-TRAP 305mm K-28020T-S/K-28020T-HC/K-28020T-NS
S-TRAP 400mm K-28021T-S/K-28021T-HC

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.**

安装之前

- 请小心详阅本指引。以便熟悉所需工具、材料及安装程序。请遵照适用的章节来安装你的坐便器，以避免由于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指引。
- 本指引所载之一切资料，均以印刷时所有之最新产品情况为基础，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。
- 本指引也包含了有关护理、清洁及保养等重要资料 - 请交予用户保存。

ORDERING INFORMATION

SPACITY SKIRTED 1PC Toilet	
305mm	K-28020T-S
SPACITY SKIRTED 1PC Toilet	
400mm	K-28021T-S
SPACITY SKIRTED 1PC Toilet	
305mm W/O ST	K-28020T-NS
SPACITY 1PC Toilet HC	
305mm	K-28020T-HC
SPACITY 1PC Toilet HC	
400mm	K-28021T-HC

Elongated Quiet-Close Toilet Seat.....K-20970T

C3 Toilet Seat With Bidet Functionality (Not Provided)

订购信息

思拓丽裙版五级旋风360连体坐便器	
305mm(带缓降盖板).....	K-28020T-S
思拓丽裙版五级旋风360连体坐便器	
400mm(带缓降盖板).....	K-28021T-S
思拓丽裙版五级旋风360连体坐便器	
305mm(不带盖板).....	K-28020T-NS
思拓丽裙版五级旋风360连体坐便器	
305mm(适配C3智能盖板组合版).....	K-28020T-HC
思拓丽裙版五级旋风360连体坐便器	
400mm(适配C3智能盖板组合版).....	K-28021T-HC

加长型90度快拆缓降盖板.....K-20970T

需另订购科勒C3清舒宝智能盖板(组合版)系列产品

NOTES

- Observe all local plumbing and building codes.
- Shut off the water supply.
- Seat post holes are on 140mm centers.
- Ensure that the new drain has the correct roughing-in dimension. This toilet has a 305/400mm roughing-in dimension. **See Roughing-in.**
- Closet flange must be 305/400mm on-center from wall.
- Carefully inspect the new fixture for any sign of damage.
- For new construction, refer to the dimensions in installation step for locating the shut-off valve.

注意

- 遵守当地所有给排水及建筑规定。
- 先关掉水源。
- 盖板孔中心间距140mm。
- 请确保污水管的坑距尺寸正确。本型号坑距为305/400mm(请参阅尺寸图)。
- 坐便器法兰盘中心必须距离墙壁305/400mm。
- 小心检验新的坐便器是否有损坏的迹象。
- 若为新安装工程，请参看安装步骤中的尺寸标示以定位止水阀。

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

NO.1 KOHLER STREET, ECONOMIC DEVELOPMENT ZONE OF FAKU COUNTY, SHENYANG LIAONING PROVINCE, PRC POST CODE: 110400
辽宁省沈阳市法库经济开发区科勒大街1号 邮编: 110400

1535881-T2-D

- Fixture dimensions are nominal and conform to tolerances established by ASME Standards (A112.19.2-2018).
- This product complies with Q/KCI-006-2018 《TOILETS》.
- This product complies with the requirements of GB25502-2024 《Minimum allowable values of water efficiency and water efficiency grades for water closets》. The water efficiency grade and water consumption of the toilets comply with the provisions of the following table.
- 部件尺寸为标定值，误差符合美国ASME标准(A112.19.2-2018)。
- 本产品符合Q/KCI-006-2018《坐便器》。
- 本产品符合GB25502-2024《坐便器水效限定值及水效等级》，坐便器的水效等级及冲洗用水量符合如下表的规定。

Water efficiency grade index of toilet 坐便器水效等级指标			
	Unit: L 单位为升		
Water efficiency grade of toilet 坐便器水效等级	Grade 1 1级	Grade 2 2级	Grade 3 3级
The average flushing water consumption of the toilet 坐便器平均冲洗用水量	≤ 3.8	3.8< • ≤ 4.6	4.6< • ≤ 5.4
The water consumption for full flushing of dual flush toilet 双冲式坐便器全冲冲洗用水量	≤ 4.8	4.8< • ≤ 5.8	5.8< • ≤ 6.8
The water consumption for half flushing of dual flush toilet 双冲式坐便器半冲冲洗用水量	≤ 3.3	3.3< • ≤ 4.0	4.0< • ≤ 4.7
Note: The average flushing water consumption of toilets is applicable to both single flush and dual flush toilets. 注：坐便器平均冲洗用水量适用于单冲式坐便器和双冲式坐便器。			



WARNING: Risk of personal injury or product damage: Handle vitreous china products very carefully. Vitreous china can break and chip if you overtighten bolts and nuts.



警告：提防身体受伤或产品破裂。请小心处理釉面陶瓷产品。不可把螺母和螺栓上得过紧，以免产品破损或崩裂。



WARNING: Risk of external leakage. The fill valve nut has been factory-tightened to design specifications. If re-tightening is required, wrench tighten one turn past finger tight .



警告：有向外渗漏之危险。注水阀螺母在出厂时已上紧以符合设计规格，如需再上紧，可用手上紧后再以扳钳上紧一圈。

TOOLS AND MATERIALS REQUIRED (Not supplied)

- 254mm (10") adjustable wrench
- 305mm (12") pipe wrench
- Metal file (file cut)
- Tape measure
- Tubing cutter
- Level
- Hacksaw
- Putty knife
- Screwdriver
- Toilet gasket (wax seal)
- Toilet T-bolts (2), 8mm (5/16") diameter
- Toilet supply shut-off valve, G1/2 recommended

NOTICE: If the existing toilet does not have a supply shut-off valve below the tank, install one before installing the new toilet.

When the supply shut-off valve is located on the left side of the toilet, the inlet connecting flexible hose need is supplied; When the supply shut-off valve is located on the right side of the toilet, it is necessary to determine the length of the inlet connecting flexible hose supplied with the goods before the formal installation. If it is not long enough, it is necessary to self-purchase the hose with the appropriate length.

The stop valve and wax ring are not supplied.

所需工具及材料（不随货供应）

- 254mm 活动扳钳
- 305mm 喉管扳钳
- 锉刀
- 卷尺
- 切管刀
- 水平尺
- 钢锯
- 涂油灰刀
- 螺丝刀
- 坐便器垫圈（蜡封）
- 直径8mm的T型螺栓（2枚）
- 坐便器供水管止水阀，以G1/2为准

注意：如果现有坐便器的水箱下方没有止水阀，须在安装新坐便器前装妥止水阀。

当供水管止水阀位置在坐便器左侧时，请使用产品包装中的60cm软管连接安装；当供水管止水阀位置在坐便器右侧时，需要在正式安装前确定60cm软管长度是否合适，如果不够长，需要自行采购合适长度的软管，见图10。

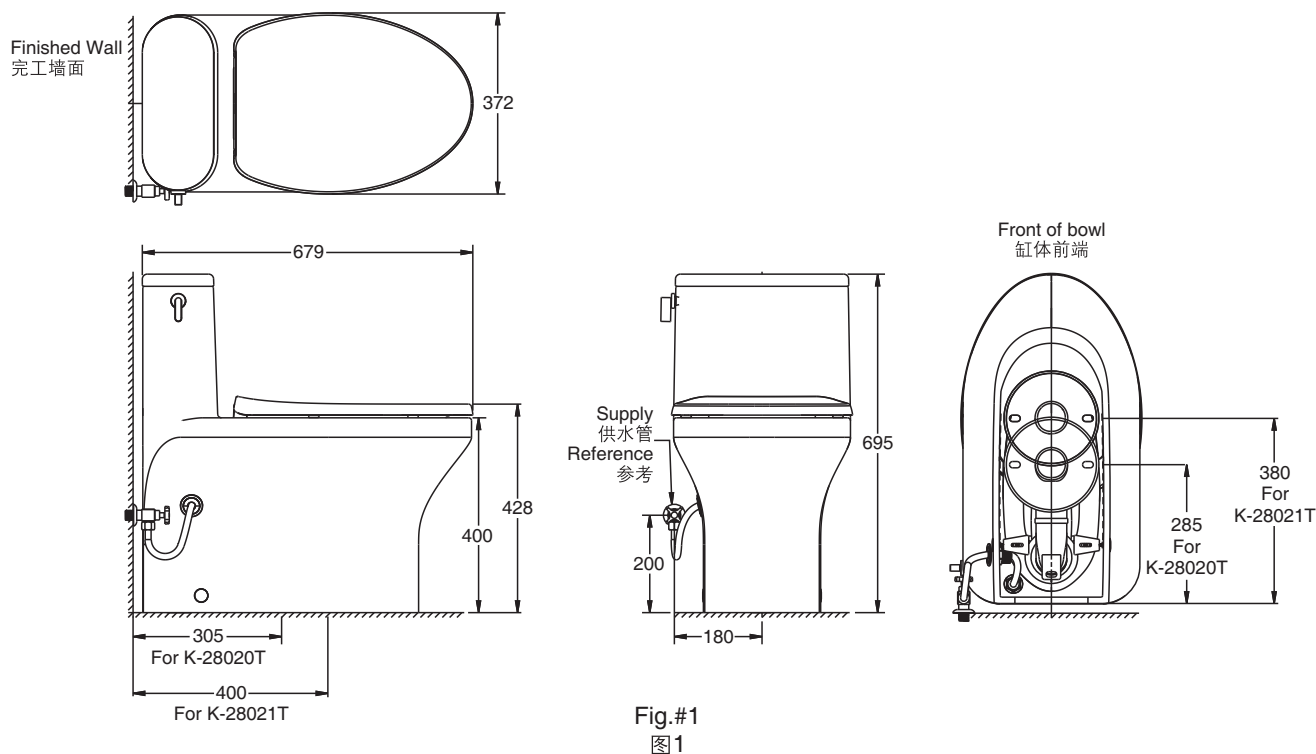
角阀和黄油法兰需另外购买。

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。

INSTALLATION

安装

TO REMOVE EXISTING TOILET

拆除旧坐便器

Turn off the water supply. Flush the toilet, and use a sponge to remove the remaining water from the tank and bowl. Disconnect the supply shut-off valve (if present), and remove the old tank and bowl.

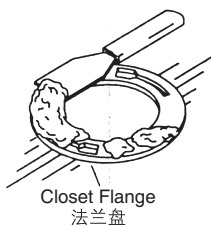
关掉供水源，给坐便器冲水，用海绵吸去坐便器内的剩余水份，除下供水管止水阀(如果有)，移开旧水箱和坐便器。

Remove the old gasket from the floor and the closet flange with a putty knife. Remove the old T-bolts and discard them.

用涂油灰刀拆除地上的旧密封垫圈及坐便器法兰盘，拆除及扔掉旧的T型螺栓。

NOTICE: if the new toilet is not installed immediately, temporarily stuff a rag into the closet flange.

注意：如果不能即时安装新坐便器，请用碎布暂将法兰盘堵住。



NOTICE: Do not use white cement or high lime content cements to install this toilet. The expansion of cement due to a rise in temperature may make the toilet crack or cause damage. Kohler is not responsible for any damage caused by installation with the use of cement.

注意：安装本坐便器时切勿使用白水泥或高石灰含量之水泥，因水泥的热膨胀可能使坐便器的脚部挤破或损坏。科勒对所有因水泥安装而引致的坐便器破裂恕不负责。

TO INSTALL SUPPLY SHUT-OFF VALVE

Install the supply shut-off valve so it is 200mm above the finished floor line, and 180mm to the left or right of the closet flange centerline.

The centerline of the supply shut-off valve outlet should extend 67mm from the finished wall. Install the supply shut-off valve perpendicular to the finished wall.

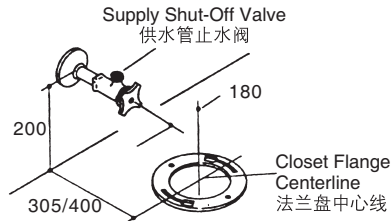


Fig.#3
图3

安装供水管止水阀

安装厕所供水管止水阀，使之离地线200mm，也离法兰盘中心线左或右180mm。

供水管止水出口管应凸出完工墙67mm；安装止水阀应与完工墙面垂直。

TO INSTALL BOWL

Position the template and align with drain hole.

Mark down the position of foot and 5 holes.

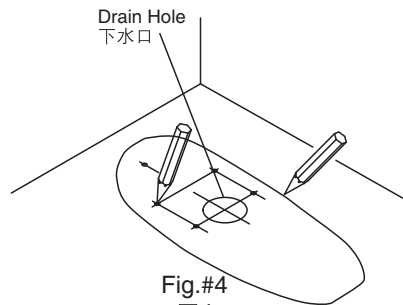


Fig.#4
图4

Drill holes on ground with the drill of 10mm, then insert anchor to holes.

For wooden floor, use the 4mm drill bit.

CAUTION: Please make sure there is no water pipe or spool under the 5 holes to be drilled.

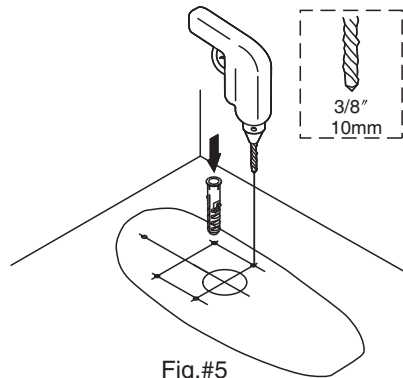


Fig.#5
图5

安装坐便器

将安装模版放置在地面上，并对齐下水口。

划出脚部轮廓线及五个孔的位置。

用10mm的钻头在地面上钻孔，然后插入螺栓套管。

如果是木地板，则用4mm的钻头钻孔。

警告：钻孔前请确保5个孔位下面无水管或者线管。

Install brackets.

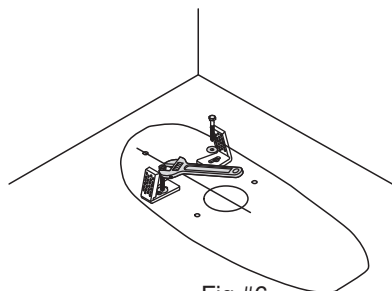


Fig.#6
图6

安装支架。

Firmly press the toilet gasket onto the toilet outlet of plastic trap.

NOTE 1: Wax ring type toilet gasket should not be installed at temperatures less than 21°C.

NOTE 2: If you are using a toilet gasket with an integral plastic sleeve, make sure the gasket is positioned with the sleeve facing away from the toilet.

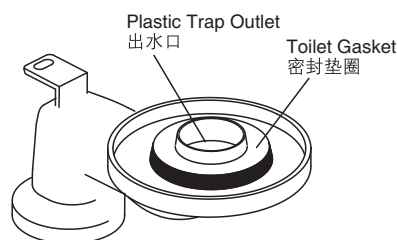


Fig.#7
图7

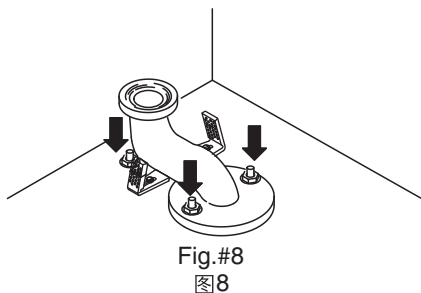
将密封垫圈紧套于弯管出水口。

注意1：如使用蜡封式密封垫圈，室温不应低于摄氏度21°C。

注意2：如所使用的密封垫圈附有内式塑料套，则此垫应朝外放置。

Install plastic to ground and mounted with 3 set of bolts (not supplied) firmly.

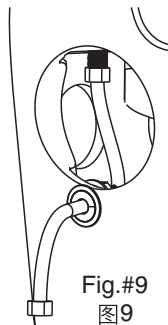
NOTE: Must use the toilet installation gasket ring (not supplied) to seal the area where the waste pipe contacts the construction section to avoid leakage.



安装弯管于地面上，并用3组螺栓(不随货供应)上紧。

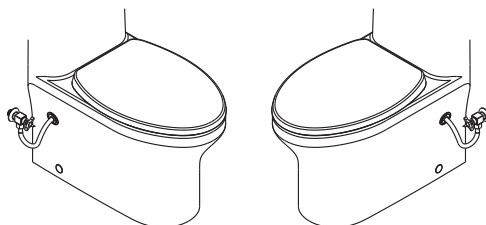
注意：必须用坐便器安装密封圈(不随货供应)来密封排污管和安装面排污口的连接，防止漏水。

One side of the hose is screwed on the inlet valve, and pull the other side out of the ceramic.



将软管一边拧紧在进水阀上，并将另一半引出陶瓷到外面。

NOTE: When the supply shut-off valve is located on the right side of the toilet, it is necessary to determine the length of the inlet connecting hose supplied with the goods before the formal installation. If it is not long enough, it is necessary to self-purchase the hose with the appropriate length.



The supply shut-off valve is located on the left side of the toilet
供水管止水阀位置在坐便器左侧

The supply shut-off valve is located on the right side of the toilet
供水管止水阀位置在坐便器右侧

注意：当供水管止水阀位置在坐便器右侧时，需要在正式安装前确定好随货供应的进水连接软管的长度，如果不够长，需要自行采购合适长度的软管。

Fig.#10
图10

Hose and inlet cover fixing show as below.

Pass the hose through the inlet cover, insert the inlet cover into the side hole of the toilet. See Fig.#11

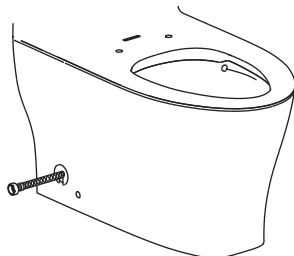


Fig.#11
图11

软管和装饰盖安装操作说明如下。

将软管穿过装饰盖，装饰盖塞进缸体侧面孔。见图11

Carefully align and lower the bowl. Apply weight to the bowl rim to let the outlet insert into plastic trap.

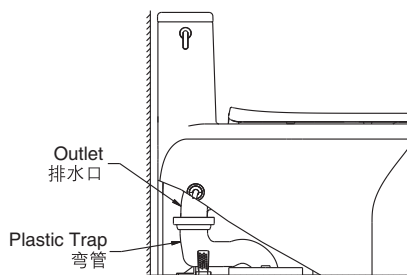


Fig.#12
图12

小心对准并将坐便器向下放置。同时将坐便器边缘向下压，以使排水口插入弯管中。为了要达到最佳的效果，请在安装时确定坐便器是否水平。

Connect to water supply, ensure nommal water supply, no any leak. Flexible hose (not provided) are recommended to connect the supply line to the fill valve.

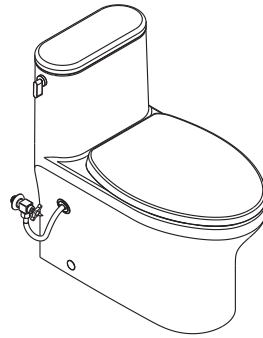


Fig.#13
图13

连接到供水端，确保正常供水，不漏水。
建议使用软管(不随货供应)来连接供水管与坐便器进水阀。

Carefully thread the screws into the brackets, until toilet is secure. Alternately tighten left and right sides to prevent pulling the toilet off center. Install cap to cover screw.
Do not overtighten.

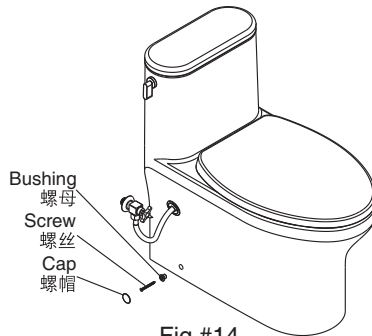


Fig.#14
图14

小心的将螺丝旋入支架中直到坐便器完全固定。左右交替旋紧以免坐便器偏离中心。安装螺帽。

请勿过度旋紧。

Apply caulk around base. Fixing toilet seat, and turn on the angle valve switch, it will work.

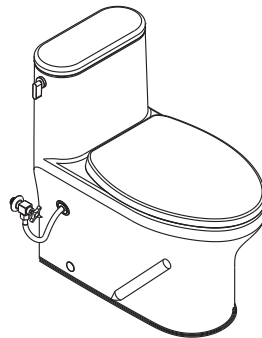


Fig.#15
图15

在坐便器底座周围打上硅胶。
装上盖板，打开供水角阀开关，产品就可以正常使用。

Please use the tank lid and the seats with the hardware kits included in this packaging box to install the tank lid and the seats.
Please use the supplied hardware pack for seat if match with C3 toilet bidet seat. Periodically check for several days following the installation.

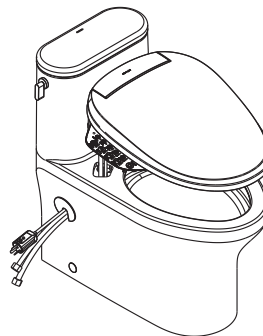


Fig.#16
图16

请使用包装箱内附带的水箱盖、盖板、盖板安装组件包进行安装。

如果匹配C3清舒宝智能盖板请使用附带的盖板安装组件进行安装。安装后定期检查漏水情况。

PLACEMENT NOTES FOR WATER
SUPPLY PIPE

补水管放置操作说明

After flushing, if you find that the water seal in the tank becomes smaller*, please check whether the water supply pipe connector inside is loosen or slipped. You can put it back to the position according to the figure or refer to the installation manual for related operations.

*Less than 100*85 mm

如发现冲水后缸体内的水封变小*, 请检查水箱内补水管接口是否松动或滑落, 并可按图示归位或参照安装说明书进行相关操作。

*水封面积小于100*85 mm

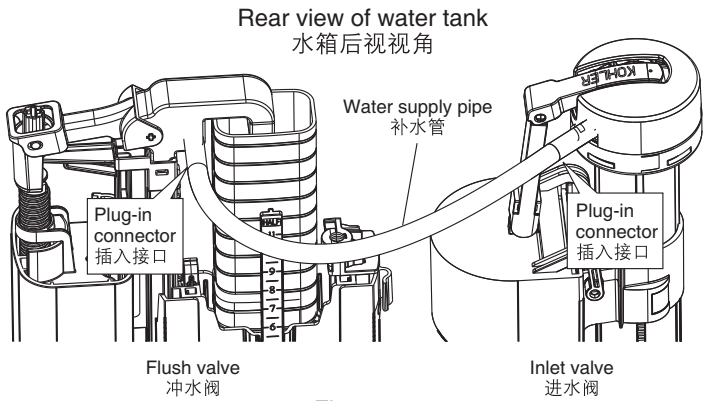


Fig.#17
图17

TROUBLESHOOTING CHART

SYMPTOMS	CORRECTIVE ACTION
1. Poor Flush	A. Adjust the tank water level to match the waterline. B. Fully open the water supply shut-off valve. C. Clear obstructions from the trapway, jet, or bowl rim holes. D. Clear obstructions from the waste line.
2. The fill valve turns on/off by itself without the toilet being flushed, or it runs allowing water to enter the tank.	A. Clear the debris around the float assembly of fill valve and check if the float can float up. If it still fills in after manually lifting the lever up, please shut off the valve on the wall and replace fill valve. B. Clean or replace the seal if it is worn, dirty, or misaligned with the flush valve seat, or if the flush valve seat is damaged. Replace the flush valve seal or flush valve. C. Clean the fill valve seat/seat washer of debris, or replace the piston/seat washer assembly. D. Remove the tank and tighten the flush valve nut if flush valve gasket is leaking. Do not overtighten. If leakage continues, replace the gasket. E. Adjust the tank water level if it is too high.
3. Tank takes excessive time to fill or doesn't fill.	A. Fully open the water supply shut-off valve. B. Clean the valve inlet, valve head, or supply line. Flush the lines.
4. There is excessive noise when the tank is filling.	A. Partially close the water supply shut-off valve if the water pressure to the toilet is too high. Check the toilet performance following any such adjustment. B. Remove dirt or obstructions from the valve head. Flush the lines.
IMPORTANT: Use only genuine Kohler parts as shown to avoid property damage.	

故障处理表

现象	处理措施
1. 冲水效果不佳。	A. 调节水箱水位至水位线。 B. 完全开启供水管止水阀。 C. 清除存水弯，喷头和缸体冲水孔内的堵塞物。 D. 清除污水管内的堵塞物。
2. 未注水时注水阀自行开/关，或注水阀运转不停，水箱注水不停。	A. 清除注水阀浮筒上的脏污，检查浮筒是否正常上浮，手动将浮筒连杆往上抬，如果还是不停注水，需要关闭墙上的角阀并更换注水阀。 B. 如果垫圈磨损，变脏或未对准冲水阀座，或者冲水阀破损时，更换冲水阀密封圈或冲水阀。 C. 清除注水阀座以及垫圈阀座中的脏物，或更换活塞/阀座垫圈组件。 D. 如果冲水阀垫圈漏水，则拆下冲水阀座，清洗阀座和垫圈后，重新安装。如仍发生漏水现象，则更换垫圈。 E. 如果水箱水位太高，则相应作出调整。
3. 水箱注水需时过长或不注水。	A. 完全开启供水管止水阀。 B. 清洁注水阀进水口，阀帽或供水管。冲洗供水管。
4. 水箱注水时噪音过大。	A. 如果坐便器内水压过高，则关小供水管止水阀。做过此类调节后，检查坐便器的使用状况。 B. 清除阀帽内的脏物或堵塞物。冲洗供水管。
重要：仅可使用图中所示的科勒公司原装配件以防产品损坏。	

IMPORTANT CONSUMER INFORMATION 用户须知

CONSUMER RESPONSIBILITIES

If you live in a hard water area, make certain that the holes in the toilet rim are kept clean to ensure proper bowl flushing. Toilet bowl cleaners should be used at least once a week. Use a long-handled brush to clean the rim holes, and to clean as far into the trap as possible to prevent mineral deposits from forming.

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

如果你居住地方的水质是硬性，你必须保持冲水孔清洁，令坐便器冲水正常。每星期应最少使用坐便器清洁剂清洁一次，用长把手的刷子清洁冲水孔，并尽量伸入排污管洗刷，防止矿物质积聚。

大多数马桶清洁剂对坐便器表面是无害的。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：在安装本坐便器时切勿使用任何水泥。因为水泥的热膨胀可能使坐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坐便器破裂恕不负责。



警告：提防损坏产品。
请不要向便器内冲入新闻纸、纸尿裤、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。