

See "Troubleshooting" (Page 48) before asking for repairs.

For advice on repairs and handling,
first contact your dealer.

Dealer:

Address:

Tel:

TOTO Asia Oceania Pte. Ltd.

Telephone: 65-6744-6955

FAX : 65-6841-0819

Address : 10 Eunos Road 8 #12-07 Singapore Post Centre Singapore 408600

Website : asia.toto.com

TOTO KOREA LTD.

전화번호 : (02)-3141-8236

FAX 번호 : (02)-3141-8240

주소 : 서울시 마포구 상수동 351-16번지 로이코빌딩 3층

홈페이지 : <http://www.totokr.co.kr>

TOTO LTD.

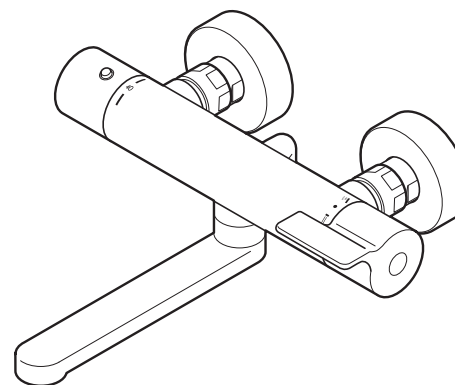
TOTO web site <http://www.toto.com/index.htm>

TOTO

壁式恒温式水嘴 (浴室用)

型号

TBV03427B / TBV03429B
TBV03431B



- ◆此次感谢您选购壁式恒温式水嘴 (浴室用) 产品。请务必仔细阅读本使用说明书后正确地进行使用。
- ◆请务必确认在保修卡中是否有填写安装公司名称和安装日期等。
- ◆请妥善保管本使用说明书, 以便在必要时可随时取阅。

使用说明书 附保证书

使用前

安全注意事项	1~6
各部分名称	7

使用前

使用方法

使用前	8~11
使用方法	12~13

使用方法

保养

日常保养	14~16
定期保养	17~18
定期更换零件的须知	19

保养

以下情况时

常见问题	20~22
售后服务	23

以下情况时



保证书	25
合格证	26
咨询和报修	见封底

保证书





安全注意事项 (为了安全起见, 请务必遵守)

使用前, 请仔细阅读本「安全上的注意事项」的内容, 并正确地使用。



- 阅读后, 请务必妥善保管在使用者随时可取阅之处。
- 为了正确地使用本产品, 确保使用者或他人免受危害或财产损失, 本说明书内使用了各种标识。
各标志与含义如下:






标志	含义
 警告	此标志表示无视此标志的内容, 进行误操作的话, 可能导致人员死亡或重伤。
 注意	此标志表示无视此标志的内容, 进行误操作的话, 可能造成人员伤害或物质财产损失。

■ 需遵守的内容通过以下标志加以区分、说明。

	 表示不可行,“禁止”之意。左图表示“禁止拆解”。
	 表示必须“强制”实行的内容。左图表示“必须实行”。

根据产品型号, 图片与实物可能稍有差异。

 警告	
 禁止	供热水温度不得超过90℃, 建议供热水温度为60℃. 供热水管请勿使用蒸汽。 否则可能造成产品使用寿命缩短, 易破损、烫伤, 以及由于漏水造成家庭财产污损。
	请勿擅自进行诸如安装非本产品结构零件以外部件, 或拆除零件等改装。
	否则, 可能因产品性能受损导致烫伤、受伤, 或因漏水而引起家具浸湿等财产损失。

 警告	
 禁止	请勿让小孩单独使用。 否则可能会造成烫伤和受伤。
 禁止拆解	除了本说明书内所记载的项目以外, 禁止拆解。 否则可能因产品性能受损导致烫伤、受伤, 或因漏水而引起家具浸湿等财产损失。
 禁止碰触	请勿直接触摸本体左侧和热水侧安装架。 供热水侧处于高温状态可能会造成烫伤。
	使用高温热水时, 请勿直接触摸喷水龙头及其本体。 喷水龙头及其本体处于高温状态可能会造成烫伤。
 必须实行	请确认温度调节把手的位置后开始吐水。 否则可能会喷出高温热水而导致烫伤。
	使用高温热水后, 请务必将温度调节把手的刻度返回到“40”以下的位置。 否则在下次使用时, 可能会突然喷出高温热水而导致烫伤。

 **警告**

使用高温热水后,请短暂放冷水。

否则在下次使用时,可能会因产品内残留的高温热水而造成烫伤。

慢慢地转动温度调节把手。

快速转动温度调节把手,温度会急剧上升,可能会造成烫伤。

请定期(一年两次以上)检查给排水管周围有无漏水或松动现象。

否则,可能因老化或磨损等原因导致烫伤·受伤、因漏水导致浸湿财产、致使财物受损。

为了确保安全,请务必定期更换单向阀。

(请参见第19页之内容。)

如果单向阀不能发挥正常功能,水可能会逆流。另外,可能会发生漏水等意外事故。

清洁过滤网时,请务必确实地关闭进水角阀或配管部的总开关后进行清洁工作。另外,必须确认本体左侧以及供热水侧的安装架部分已经处于不热的状态。

(请参见第15页之内容。)

否则可能会喷出高温热水造成烫伤以及因发生漏水而造成弄湿家具等损坏财产。



必须实行

 **警告**

冷水水压必须高于热水水压或等同于热水水压。

否则会因无法正常地调节温度而导致烫伤。
即使给热水水压加压时也必须低于冷水水压或同等的冷水水压。

万一发生冻结现象时,请务必确认温度调节把手的刻度"40"和吐水温度是否相一致。

发生冻结后,设定温度可能会偏移而造成烫伤。

使用热水前,请务必用手确认温度是否合适。

否则可能会喷出高温热水而导致烫伤。另外,转换成喷水龙头(喷水)或淋浴喷头(花洒出水),或者进行花洒出水状态的转换时,温度可能会上升,故请加以注意。

使用前,请务必通过转换把手确认位于喷水龙头侧或淋浴喷头侧。
※淋浴专用型号除外。

否则可能会因突然喷出热水而造成烫伤。



必须实行

 **注意**
**禁止**

不要施加强力或冲击。

否则可能会造成破损, 以及因发生漏水而造成的家具浸湿等财产损失。

请勿忽视产品各部分的松动现象。

否则会因零部件损坏, 或表面镀层出现裂纹而导致受伤。

请勿对电镀层表面施加强力或冲击。

否则会因零部件损坏, 或表面镀层出现裂纹而导致受伤。如出现以上现象, 请立即委托修理。

请勿使用中性洗涤剂以外的洗涤剂。

(请参见第16页之内容。)

否则可能会造成产品变色或损坏。

请勿使化妆品等附着于水嘴表面。

如果将卸妆剂、发胶、洗发液、染发剂等附着于树脂零件上放置不管, 则可能会造成产品变色或损坏。

如意外附着于产品时, 请立即用水洗干净。

 **注意**
**必须实行**

使用把手时, 请充分注意。

如果将把手掉下, 可能会导致受伤或变形。

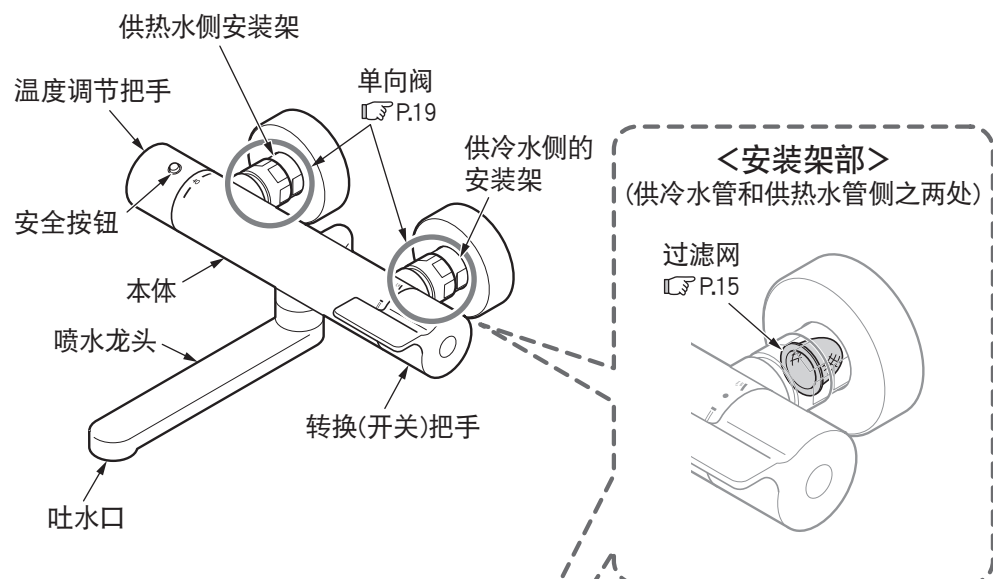
请慢慢地操作把。

关闭过快时, 水管会发出「咚」的撞击声音, 使水管收到冲击进而可能导致漏水而造成的家具浸湿等财产损失。

长期不使用时, 请务必关闭供水管道总阀。

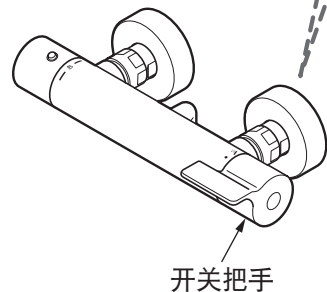
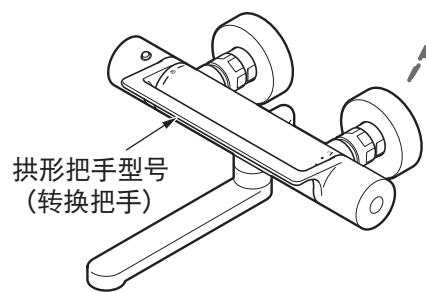
以免发生漏水等意外事故。

各部分名称



拱形把手型号

淋浴专用型号

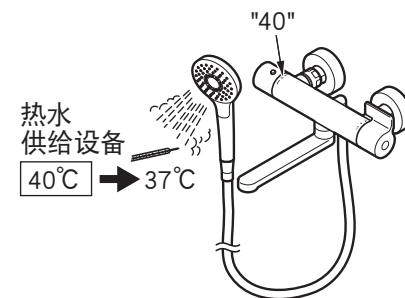


使用前

附恒温器墙壁用混合水龙头的结构

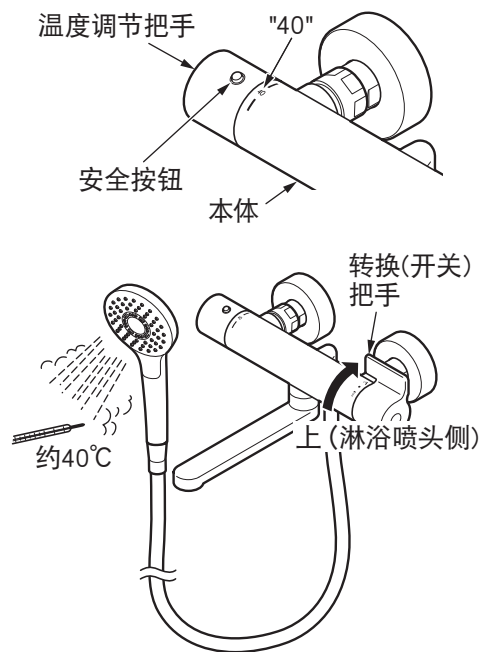
附恒温器混合水龙头为可将热水和冷水混合并调整吐水温度。因此，吐水温度低于通过燃气热水供给设备或电热水器等设定的温度。

(例)
即使热水供给设备的设定温度为40℃以及附恒温器混合水龙头的刻度为"40", 吐水温度仍会下降到37℃。温度的下降根据水压等的使用条件不同而有差异。



出厂时虽然温度调节把手已经设定好, 但是根据使用条件(供冷水和供热水压力以及供冷水和供热水温度)不同, 可能会有不能确保显示吐水温度的情况。请按如下要领进行确认。

吐水温度的确认



1 温度调节把手的安全按钮对准本体刻度的"40"。

2 将转换(开关)把手向上侧旋至到底。

从淋浴喷头出水。

3 确认吐水温度。

吐水温度约为40°C时,即可使用。温度低时,升高热水供给设备的设定温度,直至喷出40°C的热水为止。

热水供给设备的设定温度不要超过60°C,以免烫伤。

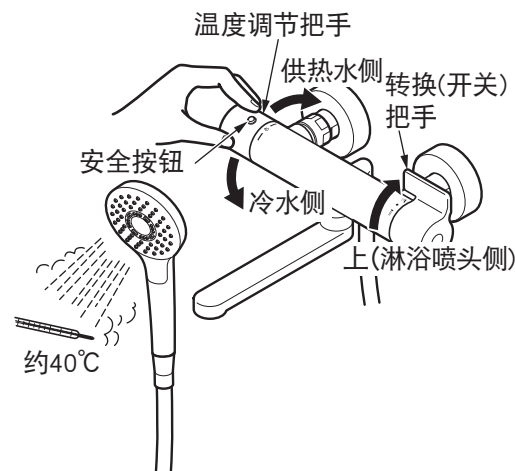
如果热水供给设备的设定温度高于50°C,温度还是低时,需要重新调整把手。

需要设定温度调节把手时

关于把手的重新调整,请询问经销商。自己调整时,请参照第10页所述的有关内容。

温度调节把手的设定

吐水温度与显示温度不一致时,才可执行把手的重新调整。



1 将转换(开关)把手向上侧旋至到底。

从淋浴喷头出水。

2 与刻度无关,将温度调节把手旋到喷出合适温度的热水之位置。

温度调节把手旋到超过刻度"40"附近,就会被锁定。需要40°C以上的热水时,边按下安全按钮边转动把手即可。

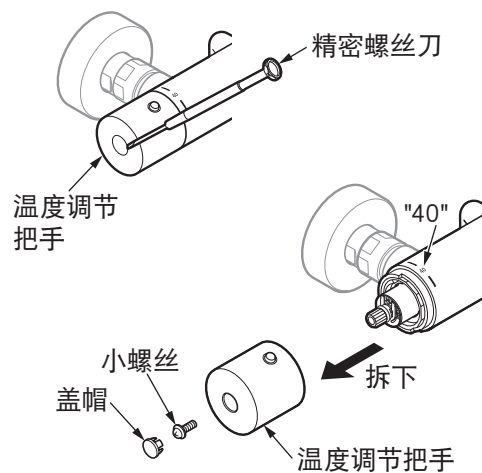
3 拆下温度调节把手。

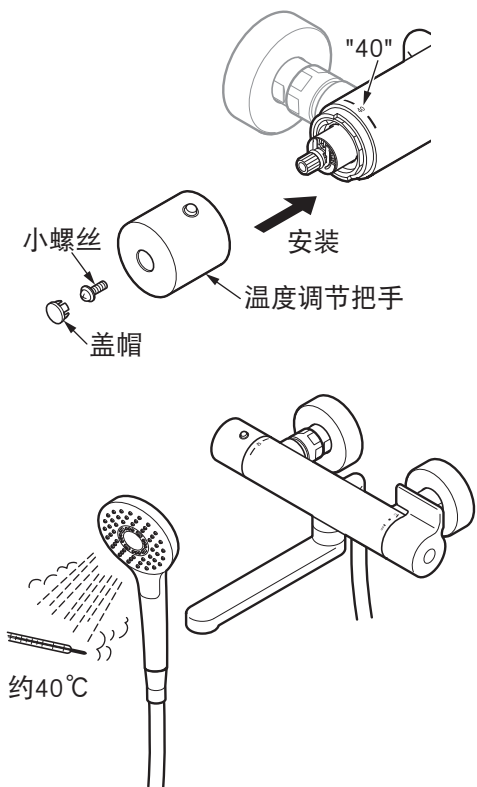
请注意避免使温度调节把手转动,拆下保护盖和小螺丝,以拔出把手。

注意

边注意不要刮伤镀层表面,边用精密螺丝刀等尖端细的工具拆下保护盖。

使用把手时,请充分注意。如果将把手掉下,可能会导致受伤或变形。

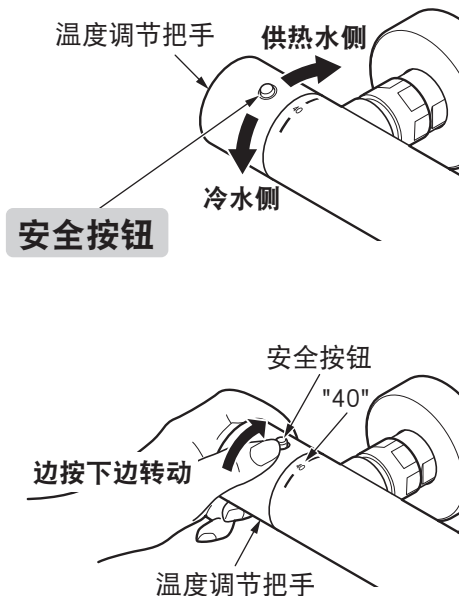




- 4 安装温度调节把手。**
 对准刻度"40"的文字和规定位置后插入温度调节把手，用小螺丝固定并安装保护盖。
- 5 固定结束后，确认是否喷出合适的水(约40°C)。**

使用方法

温度调节方法



转动温度调节把手。

以刻度"40"为目标，将把手旋到您所需的温度刻度。

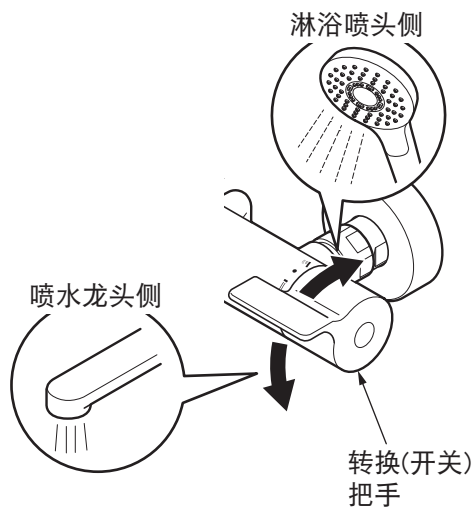
需要高温热水时

边按下安全按钮边转动把手。

温度调节把手旋到超过刻度"40"附近，就会被锁定。需要40°C以上的热水时，边按下安全按钮边转动把手即可。

按下安全按钮而使用高温热水后，请务必将把手旋回到刻度"40"以下的位置。

吐水 (冷·热水)



淋浴

向上侧转动转换(开关)把手。

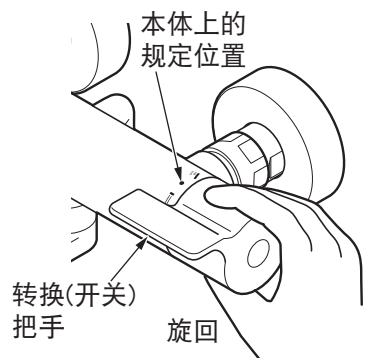
开始吐水。完全打开则流水量最大。

喷水龙头

向下侧转动转换(开关)把手。

水流出。另外，向下侧旋至到底为流量最大。

停止吐水 (冷·热水)



将转换(开关)把手旋回到本体上的规定位置。

停止吐水。

请慢慢地操作把手。否则可能会出现水锤现象。

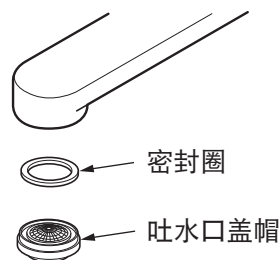
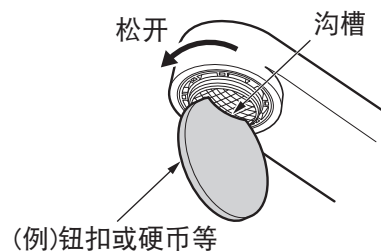
注意

「水锤现象」是指关闭过快发出「咚」的噪声，并非产品问题。因可能导致供水管损伤或漏水，所以必须慢慢地关闭手柄，以免出现水锤现象。

日常保养

为了有效地发挥产品功能以及让您舒适、卫生地使用，建议作好日常保养。

吐水口的保养



1 取出吐水口的保护盖和密封圈。

将圆形板状的物品(钮扣或硬币等)插入吐水口保护盖上的沟槽内进行松开。

切勿使用一字形螺丝刀等的尖端细的工具。



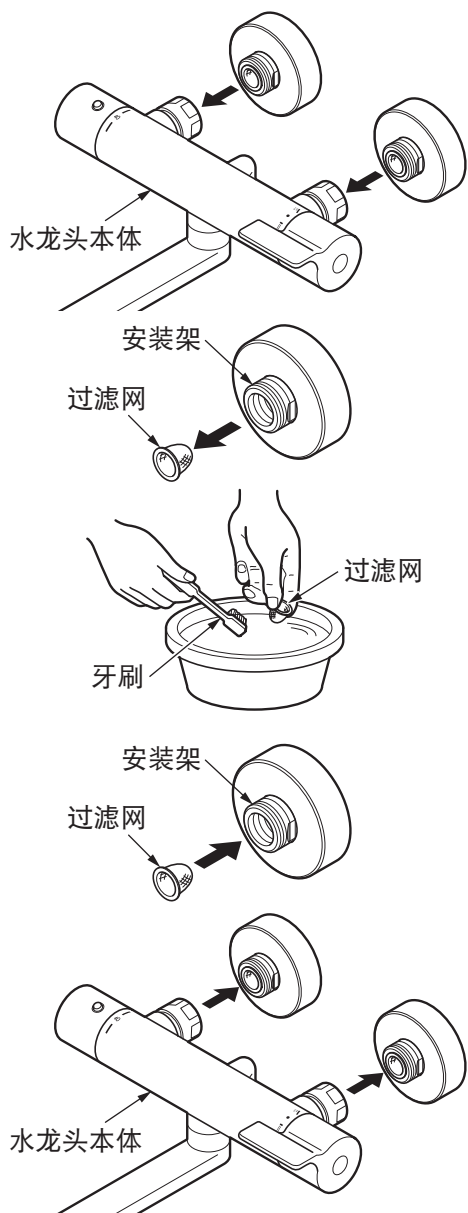
2 用牙刷等除去吐水口保护盖上堵塞的垃圾或污垢。

3 安装吐水口的保护盖和密封圈。

※拆卸时，请注意不要丢失零件。
※请注意吐水口保护盖的方向。



过滤网的保养



重
要

- 1 关闭总开关。
- 2 拆下水龙头本体。
- 3 拆下过滤网。
- 4 将过滤网洗干净。
- 5 安装过滤网。
- 6 安装水龙头本体。
- 7 打开总开关。

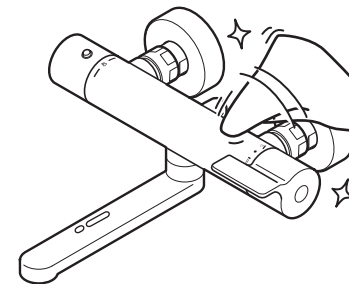
用软布擦拭保养

● 轻微污垢时

用冷水或温水将软布打湿后拧干，擦除污垢。

● 污垢严重时

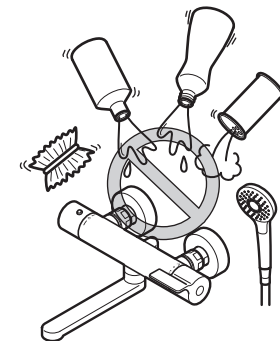
用适量稀释的浴室用中性洗涤剂沾湿软布，擦拭污垢，然后用清水擦净。



建议

请勿使用可能损坏产品表面的下列物品。

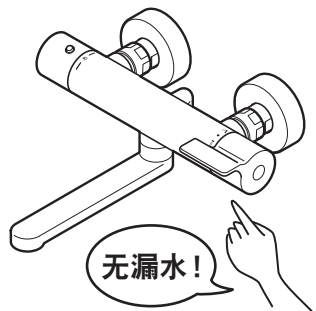
- 酸性清洗剂、含氯的漂白剂、碱性清洗剂
否则可能会造成产品表面变色或树脂零件损坏。
- 香蕉水、挥发油等溶剂
否则可能会造成橡胶或树脂零件损坏。
- 去污粉、研磨粉等含有粗颗粒物质的清洗剂
- 百洁布，密胺海绵，刷子等
否则涂敷层可能回剥落或水龙头表面损伤。



定期保养

为了能够安全、舒适地使用本产品，请务必定期更换下列零件。

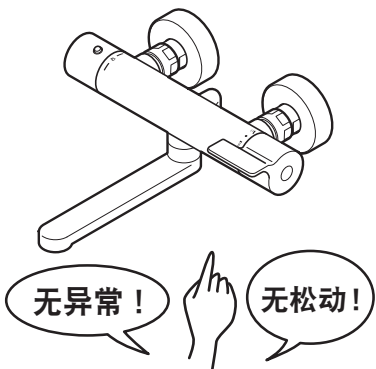
给排水管周围的漏水 (一年2次以上)



检查配管周围有无漏水。

因老化和磨损会导致零件损坏，进而导致受伤、或因漏水导致浸湿财产等事故的发生。
发生漏水时，必须关闭进水角阀或总开关（参见第20页）后，请委托经销商进行修理。

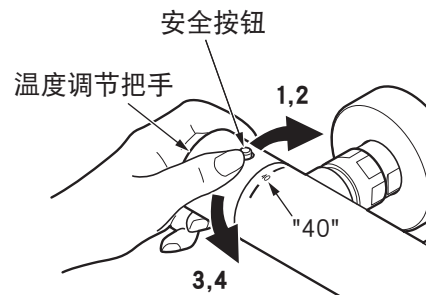
产品的松动 (一年两次以上)



与开始使用时相比，检查产品有无松动等异常部位。

如果在水管周围松动状态下继续使用时，会使供水管承受负载，并有导致漏水的可能。
另外，对松动等异常现象放任不管，会造成零部件损坏，或表面镀层出现裂纹而导致受伤。
请委托经销商或代理店进行修理。

温度调节把手的操作性 (每月1次以上)



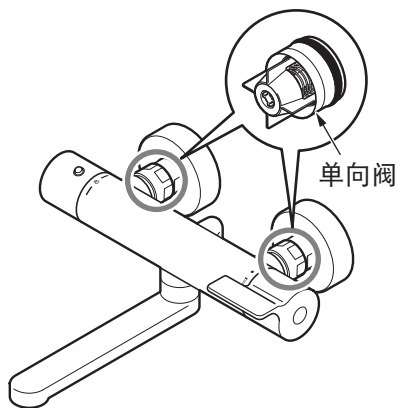
- 1 按下安全按钮数次，以确认动作是否顺利。
- 2 按下安全按钮的状态下转动温度调节把手。
- 3 在未按下安全按钮的状态下转动温度调节把手，以确认在超过刻度"40"附近会被锁定。

长期不使用安全按钮和温度调节把手后再使用时，可能会因水垢等附着温度调节把手上而降低温度调节功能。若动作不灵活，请委托经销商或代理店进行修理。

定期更换零件的须知

为了能够安全、舒适地使用本产品, 请务必定期更换下列零件。

单向阀的更换



更换时期的目标:每3~5年一次

如果单向阀不能发挥正常功能, 水可能会逆流。另外, 可能会发生漏水等意外事故。

更换单向阀时, 请委托经销商或代理店进行更换。

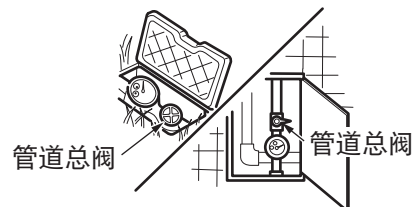
※将委托售后服务的内容(履历)记下来的话, 今后方便。

年月日	服务内容	负责人

常见问题

紧急时的止水方法

配管周围的漏水、不止水等紧急情况下, 请根据下图要领确实地关闭总开关。



不止水时, 请确实地关闭总开关。

- 下列情况并非故障。委托修理前, 请先检查以下项目。如果仍未解决时, 请委托经销商或代理店进行修理。详情请确认售后服务部分(第23页)。

温度不稳定·不出高温热水·热水温度低

委托修理前

现象	检查项目	处置方法	参照页数
温度不稳定 (开始吐水时不够热, 在中途温度发生变化)	在厨房和盥洗室等其它场所的水龙头温度调节有无问题。	其它场所的水龙头温度也不稳定时, 在热水供给设备上可能发生问题, 请咨询热水供给设备的厂家。 只有浴室用水龙头的温度不稳定时, 请确认下列项目。	— —
	即使持续放一会儿热水也仍不稳定吗?	热水供给设备与配管间的距离远时, 到热水流出来需要一段时间。另外, 停止热水一次, 配管内的热水就会变冷。因此, 请放一会儿热水, 使温度稳定下来后使用。	—
	是否同时使用厨房和盥洗室等其它场所的水龙头。	因住宅区内的配管水压变化, 可能会导致温度不稳定的情况。只有同时使用时造成温度不稳定的情况时, 请勿与其它场所的水龙头同时使用。	—

以下情况时

委托修理前			
现象	检查项目	处置方法	参照页数
温度不稳定 (开始吐水时不够热,在中途温度发生变化)	有无热水供给设备的施工或在附近执行自来水工程。	因热水供给设备或自来水工程而产生的垃圾堵塞过滤网时,可能会导致供冷水或供热水流量不够的原因。 请清洁过滤网。	15页
		供水压力或供热水性能可能会变化。 请重新进行温度调节把手的设定。	10~11页
不出高温热水	温度调节把手的显示和吐水温度是否一致。	供水温度根据季节不同而有差异,因此,热水供给设备的设定温度也可能不一定和显示温度同样。请确认吐水温度后进行温度调节把手的设定。	10~11页
	是否边按下温度调节把手上的安全按钮边转动把手。	温度调节把手旋到超过刻度"40"附近,就会被锁定。需要高温的热水时,边按下安全按钮边转动把手即可。	12页
热水温度低	转动温度调节把手也不会升高温度吗。	本水龙头为将来自热水供给设备的热水和冷水混合并调整吐水温度。 以刻度"40"为目标,旋到供热水侧,以调节热水温度。	12页
	温度调节把手的显示和吐水温度是否一致。	供水温度根据季节不同而有差异,因此,热水供给设备的设定温度也可能不一定和显示温度同样。请确认吐水温度后进行温度调节把手的设定。	10~11页
热水量少	吐水流量是否少于使热水供给设备开动所需的流量。	吐水流量少时,不能使热水供给设备点火,以便从水龙头无法确保稳定的热水量。	—

不止水、流量小、水龙头发出声音

委托修理前			
现象	检查项目	处置方法	参照页数
不止水	转换(开关)把手是否位于止水位置。 (是否完全关闭)	转换(开关)把手位于止水位置。	13页
流量小	吐水口和过滤网是否堵塞。	清洁吐水口和过滤网。	14~15页
	与热水供给设备搭配而使用时,能力转换式热水供给设备是否设定于合理能力位置。	将热水供给设备设定于合理能力位置。	—
	吐水口和过滤网是否冻结。	吐水口和过滤网部分上浇温水。	—
淋浴软管与本体间的连接部发生漏水	是否松开淋浴软管和本体连接的盖形螺母。	重新拧紧淋浴软管的盖形螺母。	—

售后服务



[委托修理前, 请确认「是故障吗?」之内容(第20页)。]

零件的更换

免费修理而更换下的部件、产品属东陶(中国)有限公司所有。

磨损·老化零件的更换

- 阀芯或密封圈磨损和老化, 可能会造成漏水。此时, 需要更换该零件。
- 请委托经销商或代理店更换磨损·老化零件。

委托修理时

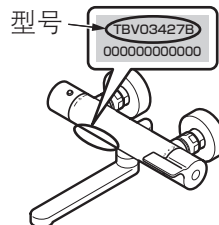
[委托修理地点]

经销商或代理店

[需联络的内容]

- ①地址、姓名、电话号码
- ②产品名称 ③型号
- ④安装日期
- ⑤故障内容、异常情况
(从哪里漏水等)
- ⑥希望到府上的维修日期

请通过贴在  部分的标签, 来确认产品型号。



MEMO

TOTO

●●●●●●●● 产品保修卡 ●●●●●●●●

※本保证书是对本书中已明记的时间，条件下进行免费修理的保证。
因此，此保证书不是作为限制客户在法律上权利的东西。
对保证期过后的修理等问题不明时，请查询东陶（中国）有限公司。
售后服务全国免费电话：8008209787（固定电话）4008209787（手机拨打）

客户	姓名	产品名称	壁式恒温式水嘴（浴室用）
	地址 邮编		型号
安装公司 / 经销商	邮编	保修期限	安装日期 / 自购买日起，陶瓷阀芯及本体为5年 其它部件为1年
	电话 -		
安装 / 购买日期	年 月 日		

执行标准：QB/T2806-2017

★致客户

- 当您拿到本保修卡时，请填写并确认安装日期、安装公司（或经销商）名称以及经办者盖章。因保修卡不再另行发行，请妥善保管，切勿遗失。另外，本保修卡只在中国国内有效（不包含港、澳、台地区）。
- 即使在保修期限内，下列情况也要有偿修理。
 - (1)超越本产品正常使用范围而导致的故障及损伤等（如将普通家庭用产品作为业务性产品使用）。
 - (2)因使用、管理不当而造成的故障及损伤等。
 - (3)未根据敝公司的安装说明书进行安装或由非专业人员拆卸等造成的故障及损伤等。
 - (4)因建筑结构的变形而造成的产品故障及损伤等。
 - (5)随着岁月、使用而造成涂料褪色或磨损等外观上的问题。
 - (6)因在金属易于腐蚀的环境（海岸附近、温泉地区等）下使用而造成的故障及损伤等。
 - (7)因老鼠等动物或昆虫啃啮、动物及昆虫的残骸留在产品内等而造成的故障及损伤等。
 - (8)由火灾、雷击、地震、火山爆发、洪水、海啸等天灾地害或破坏行为而造成的故障及损伤等。
 - (9)因使用异常电压、非符合的电源（电压、频率）以及受送电线、周围电器等产生的电磁波的影响而造成的故障及损伤等。
 - (10)因日常的维护保养不当导致的肮脏、镀层生锈等不良。
 - (11)安装后又拆移等原因造成的损伤。
 - (12)因水管淤积的沙土、垃圾以及附着的水垢而造成的故障及使用不良等。
 - (13)因供给不符合供水规定（有关自来水的国家基准）所规定的饮用水质的水而造成的故障及使用不良等。
 - (14)因冻结而造成的故障及使用不良等。
 - (15)未出示本保修单的情况。
 - (16)本保修单上未填写客户姓名、安装日期、经销商（或代理店）名称以及经办者盖章的情况。

·关于零件的更换
免费修理时换下的零件、产品属于东陶（中国）有限公司所有。
※本保修单是对本书中已记载的时间、条件下进行免费修理的保修。
因此，本保修单并不是作为限制客户在法律上权利的东西。
对保修期过后的修理等有不明确问题时，请查询东陶（中国）有限公司。
·修理完毕后交给客户的修理单上有修理内容的记载，故请妥善保管。

本保证书仅适用于中国国内。

经销商：东陶（中国）有限公司

合格证

本产品经检查判定合格

执行标准：QB/T 2806-2017

产品型号：见包装箱上的标签

产品名称：见包装箱上的标签

生产日期：见包装箱上的标签

组装工厂：TOTO AQUATECHNO LTD.

厂 址：日本,福冈县北九州市小仓南区朽网东5-1-1

东陶(中国)有限公司

全国售后服务电话：800-820-9787(固定电话)
400-820-9787(手机用户)

销售商：东陶(中国)有限公司

地 址：北京市朝阳区光华路1号 北京嘉里中心北楼1915室
网 址：www.toto.com.cn

委托修理前，请确认「是故障吗？」之项（第20页）。

需要询问修理和使用时，
请首先与购买的安装公司或经销商联系

安装公司·经销商

邮编

电话号码

—

经销商：东陶（中国）有限公司

全国售后服务电话：800-820-9787 (固定电话)

400-820-9787 (手机用户)

地址：北京市朝阳区光华路1号 北京嘉里中心北楼1915室

网址：www.toto.com.cn

TOTO株式会社

TOTO网页 <http://www.toto.com/index.htm>

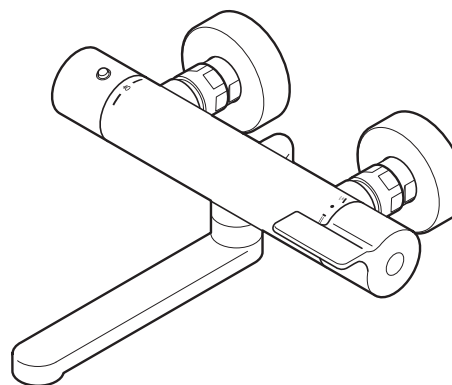
2019.8
000047

TOTO

Wall-mounted thermostatic faucet (for use in bathroom)

Part
number

TBV03427B / TBV03429B
TBV03431B



- ◆ Thank you for purchasing the wall-mounted thermostatic faucet (for use in bathroom). Please read this instruction manual carefully for appropriate use.
- ◆ Be sure to confirm that the name of dealer, the date of installation, and other necessary information has been entered in the Warranty.
- ◆ Keep this manual in a safe handy place for future reference.

Instruction Manual

Warranty Attached

Introduction

Safety Precautions 29-34

Names of Parts 35

Introduction

How to Use

Before use 36-39

How to Use 40-41

How to Use

Maintenance

Daily Care 42-44

Periodic Checks 45-46

Request for period parts replacement ... 47

Maintenance

What to Do?

Troubleshooting 48-50

After-Sale Services 51

What to Do?

Warranty 54



Information Back cover

Warranty





Safety Precautions (Be sure to follow all precautions for safety sake.)

Read the section on "Safety Precautions" thoroughly to ensure proper use.



- Read this manual carefully and keep it where it is easily available.
- This manual uses various indications to promote safe use of the product and prevent danger to you and others, as well as damage to property. The indications and meanings are as follows.






Symbol	Meaning
 WARNING	This indication means that if the content in the column of this indication is ignored or handled wrongly, death or serious injury may occur.
 CAUTION	This indication means that if the content in the column of this indication is ignored or handled wrongly, injury or property damage may occur.

- The contents you must observe are classified into the following symbols; their meanings are explained.

	 Indicates things that you must not do as "Prohibited". The left figure indicates that "Disassembly is Prohibited".
	 Indicates things that you must do without fail as "Mandatory". The left figure indicates to "Execute it without fail".

There are slight differences in shape between drawings and some parts according to the part number.

 WARNING	
 Prohibited	Do not use the water hotter than 85°C. If the water hotter than 85°C is used, the water may scald you and the life of the faucet may shorten causing it to break and leak water that may wet household articles and cause damage to your property.
	Do not modify the product using parts other than those that constitute this product or by mounting other parts or dismantling original parts. Otherwise, the product may not perform to expectations and leak water that may wet household articles and cause damage to your property.

 WARNING	
 Prohibited	Do not let children use the product unattended. They may get burned or injured.
 Disassembly Prohibited	Do not disassemble the product beyond what is described in this manual. Tampering may break the product, result in burns or injuries, and cause property damage due to water leak.
 Do Not Touch	Do not directly touch the left side of the product or the hot-water side mounting legs. The hot water supply side is hot and you may get burned. When you use hot water, do not directly touch the spout or the faucet body. The spout and faucet body are hot and you may get burned.
 Mandatory	Check the position of the temperature control handle before turning on the water. Hot water may come out and you may get burned. After using hot water, be sure to return the temperature control handle to "40" on the scale. When you use the faucet the next time, the hot water that remains in the faucet comes out and may scald you.

 **WARNING**

After using hot water, flow cold water for a while.

When you use the faucet the next time, the hot water that remains in the faucet comes out and may scald you.

The temperature control handle must be turned slowly.

If the temperature control handle is turned fast, the temperature rises suddenly and may scald you.

Periodically (More than twice a year) check around the piping for any water leaks and looseness.

Part(s) may break due to deterioration and wear and you may be scalded or injured, and water may leak, wet household articles and cause damage to your property.

To ensure safety, replace the check valve periodically.

(Refer to page 21.)

If the check valve does not work properly, water may flow back through the valve.

This may also lead to unexpected troubles such as water leaks.

Before cleaning the filter, be sure to close the water shutoff valve or the main valve on the piping securely. Also, make sure that the left side of the product and the hot-water side mounting legs are not hot.

(Refer to page 17.)

High-temperature hot water may run and scald you and property may be damaged if water leaks.



Mandatory

 **WARNING**

Set the cold water supply pressure higher than the hot water supply pressure or set them to the same pressure.

If the hot water supply pressure is set higher than the cold water supply pressure, the temperature cannot be adjusted to appropriate temperature and you may be scalded.

If you raise the hot water supply pressure, keep it the same or lower than the water supply pressure.

If it freezes, check if the temperature indicated on the scale "40" is same as the water discharge temperature.

If it freezes, the set temperature deviates and you may get burned.

Before using hot water, be sure to confirm that it is an appropriate.

Unexpectedly hot water may come out and scald you.

Also, be careful that the water temperature may rise when you change the hot water from the spout to the shower and when you change the shower discharge mode.

Using the changeover handle, check before use whether water comes out from the spout or the shower.

***This is unnecessary with shower-only.**

If mistaken, water may splash over you or scald you.



Mandatory

 **CAUTION**

Do not subject the product to strong force or impact.

Otherwise, the product may break and leak water that may wet household articles and cause damage to your property.

Do not leave the abnormality-like looseness as it is.

If the abnormality-like looseness is left as it is, the part(s) may break and plated surfaces may crack whereby injuring you.

Do not strike or operate plated part(s) with undue force.

The plated surface may crack whereby injuring you. If the plated surface cracks, immediately ask for repairs.

Do not use cleaning agents other than neutral detergent.

(Refer to page 18.)

If you use cleaning agents other than neutral detergent, the faucet may discolor or break.

Do not let cosmetics, etc. adhere to the faucet.

If cleansing agents, hairdressing, shampoos, hair dyes, etc. are left adhering to plastic parts, the product may discolor or break. If adhered, immediately wash away with water.



Prohibited

 **CAUTION**

Pay due attention when handling the handle.

If you drop it, you may get injured or the handle may be deformed.

Operate the handle slowly.

If you close the water discharge port, a loud “banging” noise is heard as the piping is impacted by water hammering. In some cases, water may leak whereby wetting household articles and causing damage to your property.

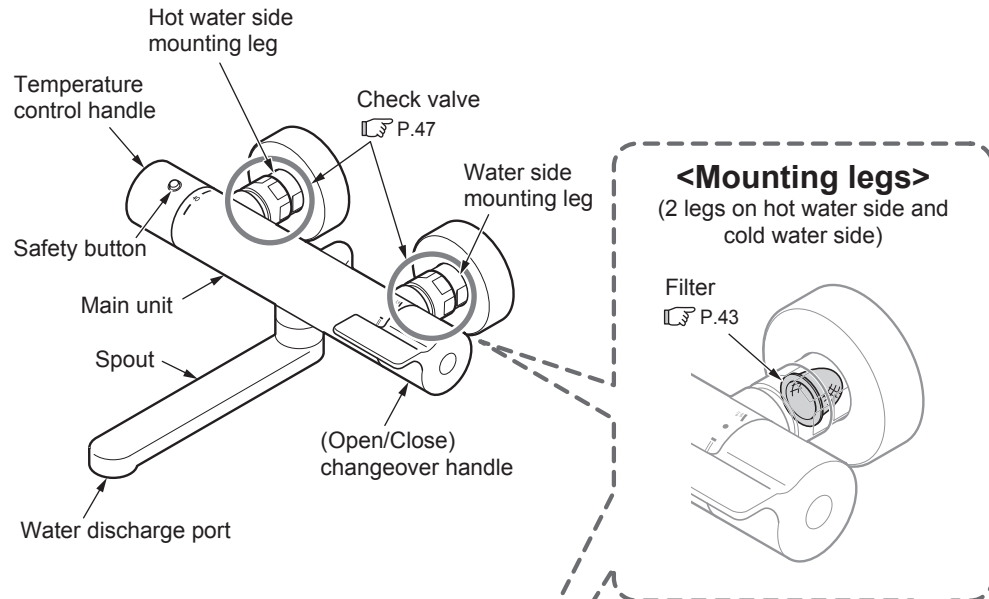
If the product will not be used for a long period of time, close the main valve of the piping.

Unexpected accidents like water leaks may be caused.



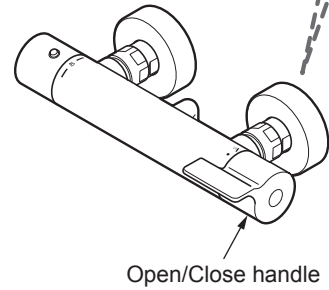
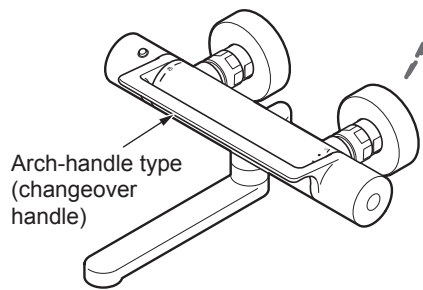
Mandatory

Names of Parts



Arch-handle type

Shower-exclusive type



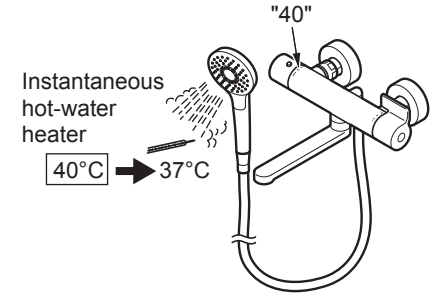
Before use

Structure of thermostat-controlled hot/cold water faucet

The thermostat-controlled hot/cold water faucet mixes hot water and cold water to control the temperature of the discharged water.

Therefore, the discharge temperature is lower than the temperature that is set in the hot water supply equipment.

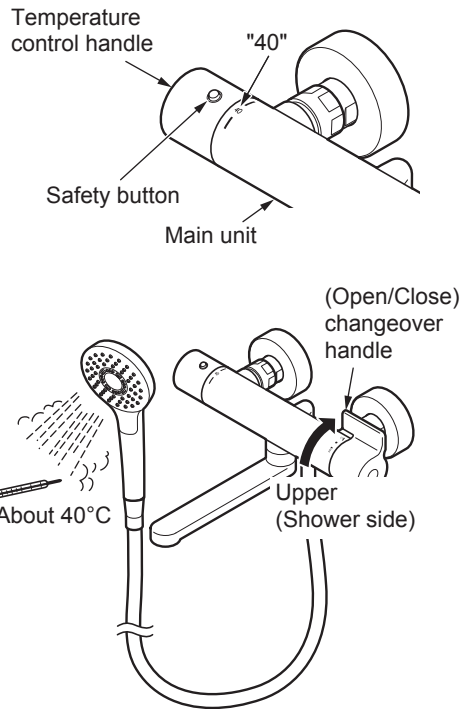
(Ex.)
Even if the temperature of the hot water supplier is set to 40°C and the number on the water faucet is "40", water is discharged at 37°C, as the water supply temperature differs according to the conditions of use such as water pressure, etc.



The temperature control handle is set at the factory, but the water discharge temperature may not be as displayed due to the conditions of use (cold/hot water supply pressure and temperature). Check the temperature as follows.

How to Use

Check the discharged water temperature



1 Set the safety button of the temperature control handle at "40" on the scale of the main unit.

2 Turn the (open/close) changeover handle up to the upper limit.

Water comes out from the shower.

3 Check the water discharge temperature.

If the water discharge temperature is about 40°C, use the product as it is.

If the temperature is low, raise the set temperature of the hot water supplier until 40°C hot water comes out.

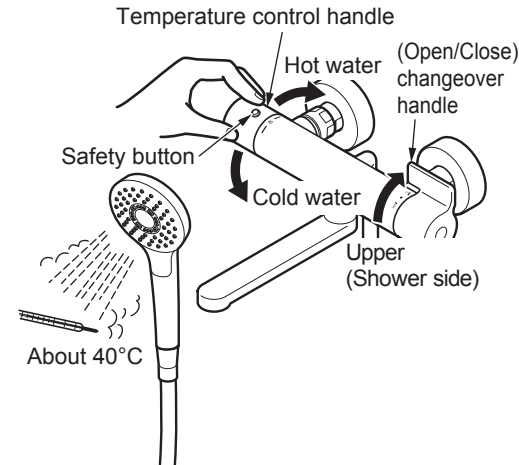
To prevent scalding, set the hot water supply temperature of the hot water supplier to a temperature not exceeding 60°C. Even if the temperature of the hot water supplier at higher than 50°C, the handle setting is necessary if the temperature is low.

Case when the setting of the temperature control handle is needed

As for the handle setting, please consult the installer.
To set the handle by yourself, please refer to page 38.

Setting of temperature control handle

Perform this procedure if the water discharge temperature is not the same as the indication.



1 Turn the (open/close) changeover handle up to the upper limit.

Water comes out from the shower.

2 Turn the temperature control handle to the position where hot water of appropriate temperature (about 40°C) comes out regardless of the number on the scale.

Since the temperature control handle locks just above "40" on the scale, turn the handle while the safety button is pressed if you want to let a hot water of the temperature higher than this come out.

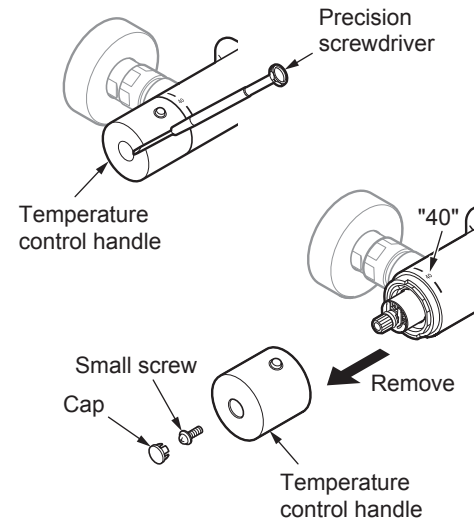
3 Remove the temperature control handle.

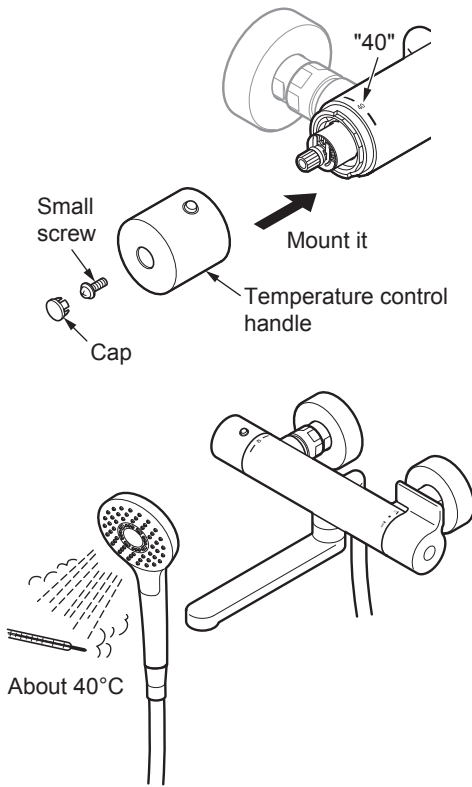
While paying attention so that the temperature control handle does not turn, remove the cap and small screw and pull out the handle.

CAUTION

Using a thin-tipped screwdriver like a precision screwdriver, remove the cap while paying attention not to damage the plated surface.

Pay due attention when handling the handle. If you let it drop, you may get injured or the handle may be deformed.

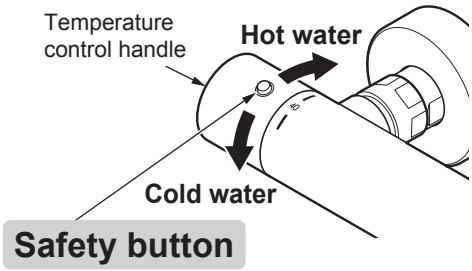




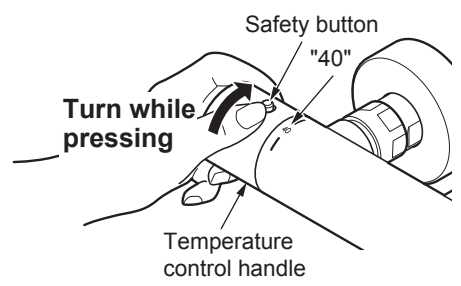
- 4 Mount the temperature control handle.**
Set it to the number "40" on the scale and insert the temperature control handle, anchor it with the small screw and mount the cap.
- 5 After anchoring, check to see whether hot water of appropriated temperature (about 40°C) comes out.**

How to Use

How to adjust the temperature



Safety button



Turn while pressing

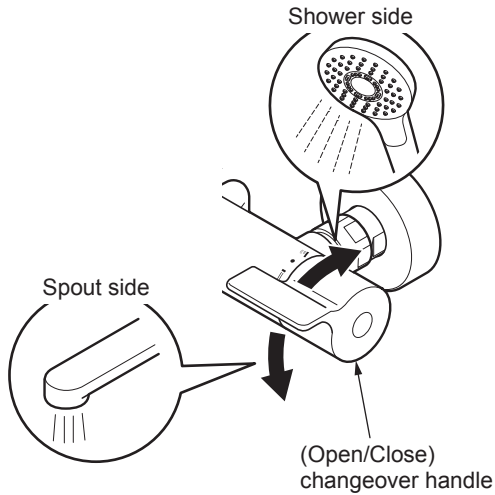
Turn the temperature control handle.
Consider the number "40" on the scale the standard value, and set the desired temperature to the point.

How to discharge hot water

Turn the handle while pressing the safety button.
The safety button locks just above "40" on the scale. If you want to discharge hot water of a higher temperature than this, turn the handle while pressing the safety button.

If you use high-temperature water by pressing the safety button, be sure to return the handle to lower than "40" on the scale.

To use cold/hot water



Shower

Turn the (open/close) changeover handle up to the upper limit.

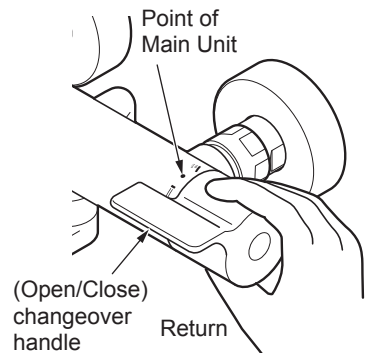
Water comes out. At the highest position, the flowrate becomes the maximum.

Spout

Turn the (open/close) changeover handle downward.

Water comes out. At the lowest position, the flowrate becomes the maximum.

To stop cold/hot water



Return the lever of the (open/close) changeover handle to the point position of the main unit.

Water stops coming out.

Operate the handle slowly. In some cases, you may incur water hammering.

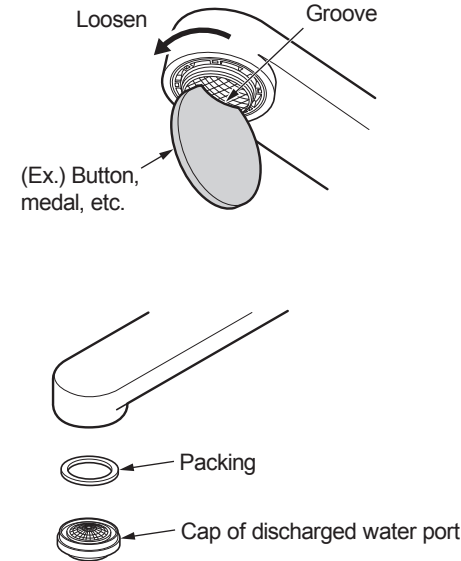
CAUTION

“Water hammering” is a phenomenon that causes a loud “banging” sound. It is not due to trouble with the faucet, but when the water is stopped suddenly. However, this phenomenon may cause damage to piping and leak water. Therefore, lower the lever handle slowly to avoid water hammering.

Daily Care

For the best performance, esthetics and sanitary use, please clean the product daily.

Care for the water discharge port



1 Remove the cap and packing of the spout.

Apply a round plate-like object (button, medal, etc..) to the groove of the spout and loosen it.

Do not use a thin-tipped object like a flat-blade screwdriver or the like.

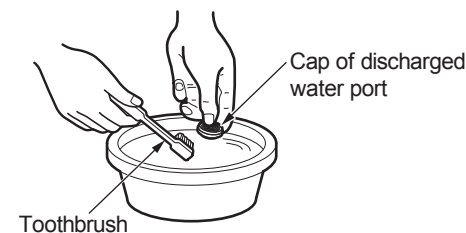


2 Using a tooth brush, etc., remove dust and dirt accumulated in the cap of the water discharge port.

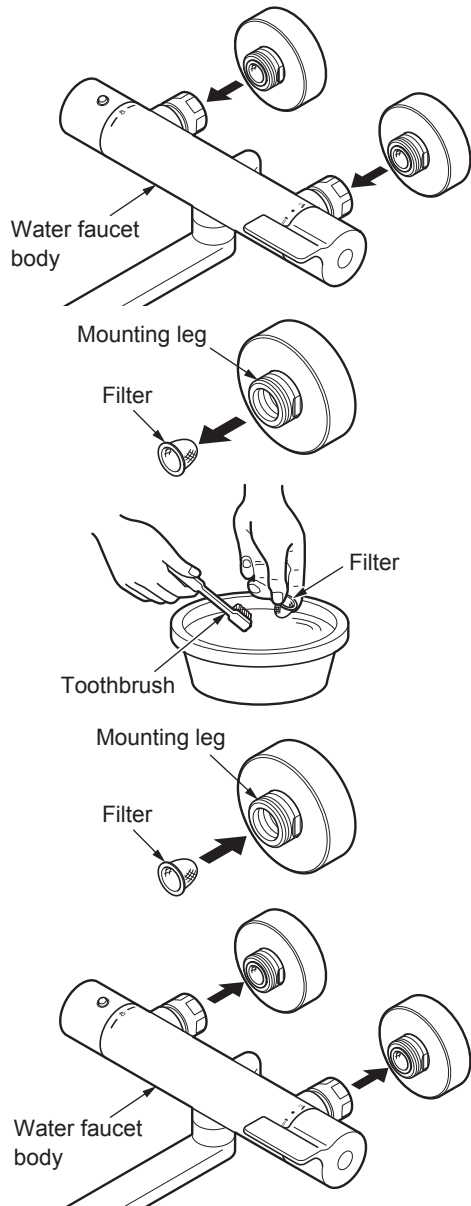
3 Mount the spout cap and packing.

*Pay due attention not to lose parts during disassembly work.

*Pay attention to the direction of the cap of the water discharge port.



Care for filter



- 1** Close the main valve. **IMPORTANT**
- 2** Dismount the water faucet body.
- 3** Remove the filter.
- 4** Wash the filter.
- 5** Mount the filter.
- 6** Mount the water faucet body.
- 7** Open the main valve.

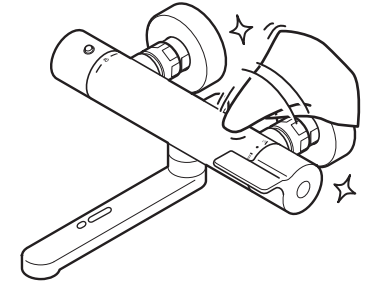
Wiping with a cloth

● Slightly dirty

Soak a piece of cloth in cold or lukewarm water, wring well and wipe away dirt completely.

● Stubborn dirty

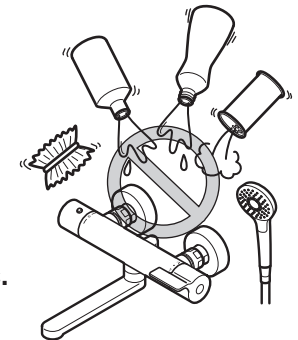
Wipe off dirt with a piece of cloth impregnated with appropriately diluted neutral bathroom cleaner, then rinse the product with water and wipe it dry.



Notes

Do not use the materials that may break the faucet.

- **Acidic detergents, chlorine bleaches and alkali detergents**
The faucet surface may discolor or the plastic part(s) may break.
- **Solvents such as thinner, benzine, etc.**
Rubber and plastic part(s) may break.
- **Detergents that contain coarse particles such as cleansers, polishing powders, etc.**
- **Nylon scrubbers, scrubbers, Melamine sponge, brushes, etc.**
Otherwise, the coating may peel and the surface of the faucet be damaged.



Periodic Checks

For safe and comfortable use, the parts shown below must be replaced at regular intervals.

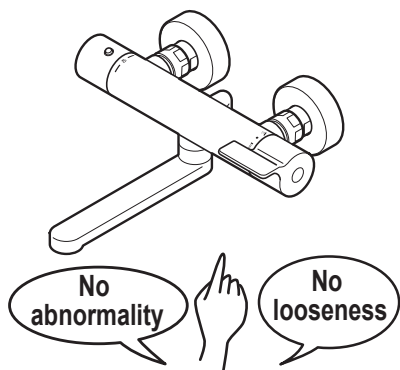
Water leak around piping (More than twice a year)



Check around piping for any water leaks.

Part(s) may break due to deterioration or wear, and you may be injured, and water may leak, wet household articles and cause damage to your property. If water leaks, close the water shutoff valve or the main valve without fail (see Page 48), and ask the installer or the dealer for repair.

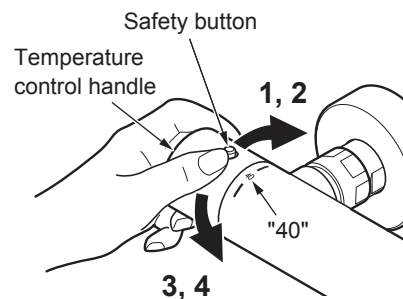
Looseness of the product (More than twice a year)



Check for any parts that seem abnormal such as being loose as compared to when you first began using the product.

If you continue to use the product with loose piping, load is applied to the pipe(s) and may result in water leakage. If you leave any abnormality like looseness unfixed, part(s) may break or plated surfaces may crack whereby injuring you. Ask the installer or the dealer for repair.

Operability of temperature control handle (more frequent than once a month)



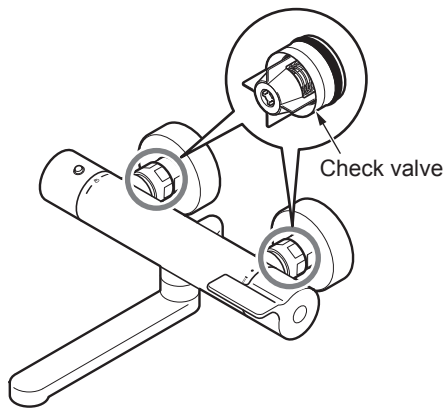
- 1 Press the safety button several times to make sure that it moves smoothly.
- 2 Turn the temperature control handle while pressing the safety button.
- 3 Turn the temperature control handle without pressing the safety button and make sure that it locks around the number "40" on the scale.

If the safety button and temperature control handle are left unused for a long period of time, water scale may adhere and disable the temperature control function. If the product does not operate smoothly, ask the installer or the dealer for repair.

Request for period parts replacement

For safe and comfortable use, the parts shown below must be replaced at regular intervals.

Replacement of check valve



Standard period of replacement: Every 3 to 5 years

If the check valve does not work properly, the water may flow back through the valve. This may also lead to unexpected troubles such as water leaks.

Ask the installer or the dealer to replace the check valve.

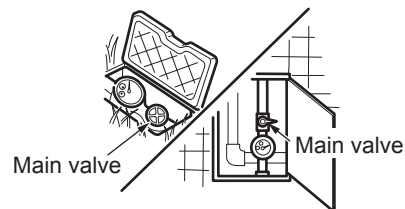
*It is a smart idea to keep a record of after-sale services.

Date	Contents of service	Person in charge

Troubleshooting

How to stop water in an emergency

In an emergency such as when water leaks from piping or the water does not stop, close the main valve securely as explained in the procedure shown in the figure below.



If the water does not stop, close the main valve.

- The following cases are not due to trouble. Check the following points before asking for repair. If the trouble persists, ask the installer or the dealer for repair. For details, please contact After-sale Services (Page 51).

Temperature does not stabilize / Hot water does not come out / The temperature of hot water is low

Before asking for repairs			
Phenomena	Check Point	Remedy	Ref. Page
Temperature is not stable (water is lukewarm in the beginning or the temperature changes during use).	Does the temperature control of the water faucet work well in other places such as the kitchen, toilet room, etc. ?	If the temperature is not stable in other places, the cause may exist in the hot water supplier. Contact the manufacturer of the hot water supplier.	-
	Does the temperature stabilize if you let hot water run for a while?	If the temperature is not stable only in the bathroom water faucet, please check the following.	-
	Does the temperature stabilize if you let hot water run for a while?	If the distance between the hot water supplier and the faucet is long, it takes time until hot water comes out. Once you stop the hot water, the hot water in the pipes cools. Therefore, let the hot water run for a while until the temperature is stable.	-
Are water faucets in other places such as kitchen and toilet room being used at the same time?	The temperature may become unstable due to changes in the water pressure in the pipes. If the temperature becomes unstable only when using other faucets simultaneously, do not use the water faucet at the same time as other faucets in the house.	-	-

Before asking for repairs

Phenomena	Check Point	Remedy	Ref. Page
Temperature is not stable (water is lukewarm in the beginning or the temperature changes during use).	Is hot water supplier being serviced or is water-service work being carried out nearby?	Dust or garbage produced during hot water supplier servicing or plumbing work may clog the filter and the flow rate of cold and hot water supplies may be insufficient. Clean the filter.	Page 43
		Water supply pressure and hot water supply performance may have changed. Set the temperature control handle.	Page 38-39
Hot water does not come out.	Is the indication of the temperature control handle the same as the discharged water temperature?	The temperature may not be the same as that which is indicated because of seasonal changes in the water supply temperature or the set temperature of the hot water supplier. Confirm the discharged water temperature and set the temperature from the temperature control handle.	Page 38-39
	Did you turn the temperature control handle while pressing the safety button of the temperature control handle?	The temperature control handle has a safety button and the handle locks just after the number "40" on the scale. When you want to let hot water come out, turn the handle while pressing the safety button.	Page 40
Water temperature is low.	Doesn't the temperature rise even when you turn the temperature control handle?	This water faucet mixes the hot water from the hot water supplier and cold water to control the temperature of the discharged water. Since the number "40" on the scale of the temperature control handle is the standard value, turn the handle to the hot water side to control the hot water temperature.	Page 40
	Is the indication of the temperature control handle the same as the discharged water temperature?	The temperature may not be the same as that which is indicated because of seasonal changes in the water supply temperature or the set temperature of the hot water supplier. Confirm the discharged water temperature and set the temperature from the temperature control handle.	Page 38-39
Hot water volume is less.	Isn't the water discharged at the flow rate which is less than that which is necessary to operate the hot water supplier?	If the water is discharged at a slow flow rate, ignition does not occur in the hot water supplier and no hot water comes out from the water faucet. Check the minimum operating flow rate in the instruction manual of the hot water supplier. Make sure that the water flows at a higher rate than that.	-

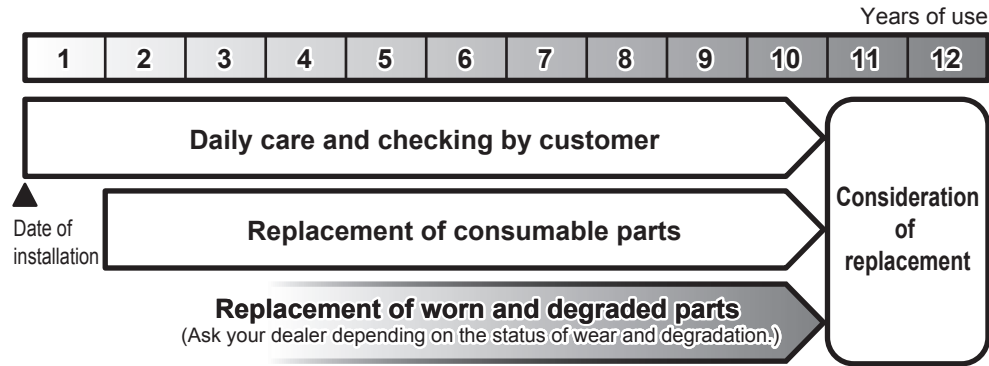
Water does not stop / The flow rate is too slow / Sound is heard coming from water faucet

Before asking for repairs			
Phenomena	Check Point	Remedy	Ref. Page
Water does not stop.	Is the (open/close) changeover handle set to the water stop position? (Is it fully closed?)	Set the (open/close) handle to the water stop position.	Page 43
The flow rate is too slow.	Are the water discharge port and filter clogged?	Clean the water discharge port and the filter.	Page 42-43
	In the case of use in combination with a gas hot water supplier, is the hot water supplier of capacity changeover type set to the appropriate capacity?	Set the appropriate capacity.	-
	Are the water discharge port and filter frozen?	Pour lukewarm water over the water discharge port and filter.	-
Water leaks at the connection between the shower hose and the main unit body.	Is the cap nut that connects the shower hose and unit body loose?	Retighten the cap nut of the shower hose.	-

What to Do?

What to Do?

After-Sale Services



[Before asking for repairs, please check “Troubleshooting” (Page 48).]

Replacement of part(s)

Parts and products that are dismantled for repairs belong to TOTO.

Replacement of parts subject to wear and deterioration

- If the valve and packing wear or deteriorate, water may leak. Replacement of applicable parts is necessary.
- Ask **the place of purchase** to replace worn or deteriorated parts.

When asking for repairs

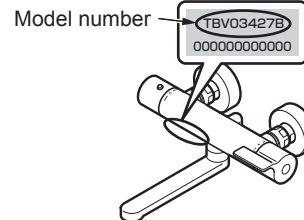
[Where to ask for repair]

Your dealer or seller

[Information we want to know]

- (1) Address, name and telephone number
- (2) Name of product (3) Model number
- (4) Date of installation
- (5) Details of trouble and status of abnormality
(From where water leaks, etc.)
- (6) Desired date of visit

Confirm the model number on the label that is affixed to ○ part.



MEMO

What to Do?

TOTO

WARRANTY

TOTO will repair this product free of charge according to the warranty period and conditions described herein. If trouble occurs during the following period from the date of installation, users are requested to contact any of the offices listed in the back cover for repair, showing this WARRANTY.

Customer	Name:	Name of Product Wall-mounted thermostatic faucet (for use in bathroom)
	Address:	
Dealer	Address:	Period of Warranty The warranty is effective for a period of one (1) year from the date of purchase.
Seller	Tel: -	
Date of Installation/ Date of purchase		

★To customers

· When receiving this warranty, please make sure that the date of installation, the name of installer (or seller) and that the seal of the installer are included.

Since TOTO will not reissue this warranty, please keep it in a safe and retrievable place.

· Repairs are subject to billing even within the warranty period in the following cases.

- (1) Trouble caused by use of the product outside of the scope of the application specified above.
- (2) Trouble attributable to incorrect use or improper maintenance.
- (3) Trouble attributable to installation contrary to instructions in the installation manual or disassembly by persons other than technicians.
- (4) Trouble attributable to deformation of the building structure.
- (5) Trouble in appearance arising out of seasonal changes such as discoloration or wear during use.
- (6) Trouble attributable to corrosive environments for metal (coastal areas, hot springs, etc.).
- (7) Trouble attributable to insects or animals, as well as carcasses thereof animals inside the product.
- (8) Trouble caused by catastrophic phenomena of nature such as fire, lightning, earthquakes, volcanic eruptions, flooding or tsunamis, as well as destructive behavior.
- (9) Trouble attributable to abnormal voltage in electric products, use of unspecified power supplies (voltage/frequency) or electromagnetic waves generated from external sources such as power transmission lines and nearby electrical equipment.
- (10) Trouble caused by worn-out parts (batteries, etc.).
- (11) Trouble caused by wear or deterioration of parts (filter, etc.) under daily care, or O-rings and packing of drain plugs.
- (12) Trouble attributable to the intrusion of sand or dust into piping, or adherence of water scale.
- (13) Trouble attributable to supplied water that does not conform to the quality standards of drinking water specified by national standards relating to water service (Water Service Act).
- (14) Trouble attributable to freezing.
- (15) If this warranty is not presented when asking for repairs.
- (16) If this warranty does not contain the name of the customer, the date of installation, the name of the dealer (or seller) or the seal of the installer.

*This warranty assures repair free of charge within the period and under the conditions specified herein. Accordingly, this warranty does not restrict the legal rights of the customer.

If anything about repairs after the expiration of the warranty period is unclear, please contact any of the offices listed in the back cover.

· Retain the repair slip that will be handed to the customer after the completion of repairs, as it describes the repairs in details.

This product warranty card is applicable to countries except China.