

Knee Operated Basin

Installation Guide



Important

All installations and services must be carried out by a licenced plumber in accordance with the plumbing code of Australia AS/NZS 3500.2
And installed to the appropriate standards in conjunction with local state or territory requirements

All MAS Knee Operated Basins are manufactured to exceed industry standards and performance made from 304 grade stainless steel under strict controlled conditions

Knee Operated Variants Available

KO1 Time flow valve (15seconds +/-) with temperature mixing valve (hot / cold)

KO1XX Time flow valve (15 seconds +/-) without TMV (cold water only)

The operating valve is set to run for 15 seconds (+5/-5) To suit AS4674-2004 clause 4.4

KO2 Non time flow valve with temperature mixing valve (hot / cold)

KO2XX Non time flow valve without TMV (cold water only)

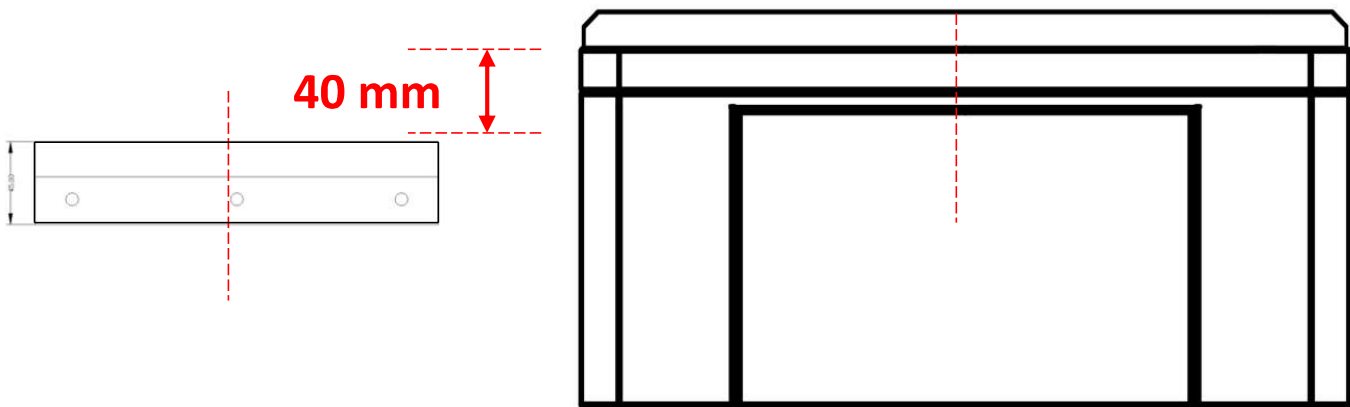
Any discrepancies or damages in supply must be reported to MAS within seven (7) days of invoice by phone or email
No claims will be considered unless reported within specified time
Phone : 07 3890 8011 Email : sales@masales.com.au



Installation

Minimum operating water pressure 150 kpa. Maximum water pressure 500 kpa
Recommended pressure is 350 kpa. If the pressure is greater than 500 kpa a pressure reduction valve must be fitted

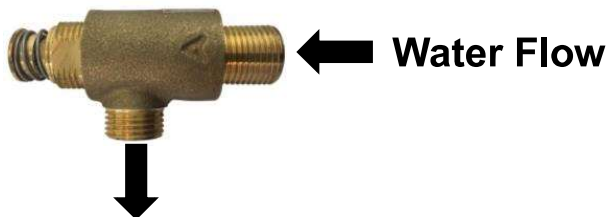
- Install the Offset fixing bracket central to basin
- Fit the bracket to the wall then slide the basin over the offset edge to lock it in
- Top edge of basin will finish 40mm above the top edge of the fixing bracket
- Once the fixing bracket is installed the basin body must also be fixed to the wall with 4 screws



- Use appropriate screws for the situation and wall material
- Bracket – 3 x 7 mm diameter holes
- Basin body – 4 x 7 mm diameter holes

Installation

The direction of water flow is marked on the unit itself and on the Valve. The valve only works in one direction and any incorrect installation will cause damage to the valve.



The incoming line for water supply must be flushed and cleared before connection to either the operating valve or temp valve. Debris in the water can cause malfunction

Pre Filter

19mm mesh pre filter/filters are supplied and **must be fitted** with the mini taps for the water supply to prevent debris entering the units



- Fit mini cistern taps, Pre filters and MF adaptors to the incoming water supply
- If TMV model (KO1 or KO2) install connection from Mini taps - MF adaptors to the Hot and Cold inlets on the TMV *This connecting pipe work is not supplied because of variations in inlet pipe positions and is to be supplied by the installer.*
- If standard XX model connect cold water supply hose from the MF adaptor on the mini tap to the valve inlet
- Install the provided spout to the basin, then to the hose marked “spout only” checking direction of flow
- Install the supplied plug & waste and fit trap
- Connect the water supply and check that all connections are watertight. Activate the valve several times to stabilize the timing.

Troubleshooting

If it is a new works the pipework can collect silt and block or restrict the flow. In severe cases the head will need to be unscrewed from the valve and flushed with clean water. If a temp valve is installed check filters on the inlets.

When a temp valve is installed it will only work if both the hot and cold water supply are connected and both turned on fully **The hot/cold ratio can not exceed 2:1 as per manufacturer's instructions**

If no temp valve is installed check filter on the main line

Caring for your Stainless Steel product

Your MAS K.O Basin is made from quality type 304 stainless steel. With proper care and maintenance your basin will give you many years of service.

Following these simple tips and cleaning routines will ensure the long life of your MAS stainless steel product.

Weekly Care

Preventative maintenance is important to maintain the finish of your stainless steel. To thoroughly clean your stainless, use a non-abrasive stainless steel cleaner (available from your local supermarket or hardware) and follow the directions on the product being sure to cover the entire surface completely, rinse thoroughly and dry with a soft cloth.

Stains and Rust

By its very nature stainless steel is resistant to rust. A build up of iron particles from external sources, heavy use or water supply commonly causes rust on the surface of the stainless steel. The quality of your water supply can also often cause stains to appear on your stainless. Both rust spots and staining can be removed with a thorough clean (see Weekly cleaning).

Scratches

Scratches are inevitable with all stainless steel products. With regular use the scratches will blend together and form a uniform finish. The appearance of these scratches can be reduced by the use of a fine 3M Scotch Brite pad; wipe along the grain of the entire area and rinse thoroughly (rubbing across the grain will dull the finish and introduce more scratches).

What to avoid

Avoid Chlorides are very aggressive to stainless steel. These are commonly found in detergents, soaps, bleaches and drain cleaners. Thoroughly rinse your sink after using one of these products to avoid surface pitting.

Avoid steel wool to clean your stainless steel. It will leave behind steel fragments that will cause rust spots.



Warranty Conditions

For full warranty please visit masales.com.au

MAS[®] is a registered trademark of Mark Anderson Sales Pty Ltd

The information contained on this sheet is to be read in conjunction with any other warranty, installation or care information provided to you by Mark Anderson Sales located at Building 4 84 Ingleston Road Wakerley QLD 4154.

Our goods are supplied with guarantees that cannot be excluded under Australian Consumer Law.

Conditions

All stainless-steel products manufactured by MAS for commercial applications are covered by a 12-month manufacturer's warranty from date of installation or 24-months from date of invoice whichever occurs first. If a product is on-sold by another party other than MAS the seller has no authority to offer additional warranties on behalf of MAS or any other MAS products.

All supplied products must be installed by a qualified and licensed contractor in accordance with the plumbing code of Australia and installed to the appropriate standards in conjunction with local state or territory requirements.

Components such as valves, pressure limiting valves, temperature mixing valves and flexible hoses supplied with an MAS assembled product are covered by the suppliers (manufacturer) warranty. Any extension of warranty terms offered by third parties will be the responsibility of those companies

Claims made under warranty conditions must be made within a reasonable period of the discovery of a defect.

Visual imperfections or defects that are ignored at the time of install will be excluded from all warranty conditions and all warranty responsibilities will be forfeited.

MAS will repair or replace at our discretion any product part which is proven to be defective through faulty materials or workmanship within the warranty period. Repair or replacement of a product under the terms of this warranty does not give rise to an extension of original warranty period.

Where a product is installed outside the boundaries of a metropolitan area, the cost of any transport or travelling shall be the responsibility of the claimant.

Liability outside of statutory requirements is limited to the purchase price paid for the product or to the repair or replacement of the product. Any other loss directly or indirectly due to malfunction of the product is excluded from the warranty.

Standard Exclusions

- Normal wear and tear
- Accidental or malicious damage
- Third party product causing failure
- Incorrect or not fit for purpose installation
- Any unauthorized alteration, modification or substitution
- Failure due to excessive or insufficient water supply
- Failure from foreign matter from installation or water supply
- Any and all consequential loss or damage, directly or indirectly caused by malfunction
- Acts of God

