

Each carton contains a COMO bowl, with a plastic bag holding the following items :

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| 1 : One Waste Outlet fitting with seal and integral grate, | 5 : One Plated Deck Plug and Nut, |
| 2 : One 'Y' Junction with Nut and "O" Ring, | 6 : Four Securing Clips, |
| 3 : By-Pass flexible pipe with "V" Seal and Nut, | 7 : One Waste Outlet Plug |
| 4: One Plated By-Pass Deck Connector and Nut, | |

COMO Bowls are supplied with the waste outlet components loose. Taps and a "P" or "S" type trap appropriate for the installation layout are also required to allow the installer to perfectly adapt the complete unit to the site requirements. These are available from your local plumbing supplier.

STAGE 1 : POSITION OF BOWL FOR INSTALLATION

- (1) Select the required position for the bowl in the bench-top.
- (2) Mark the bench-top for cutting.
- (3) COMO 23L is 480 mm square at the edge. The hole in the bench should be between 455 mm and 460 mm square, COMO 36L is 540 mm square at the edge. The hole in the bench should be between 515 mm and 525 mm square.
- (4) Make sure there is sufficient clearance between the edge of the hole and any vertical surfaces for the bowl rim to fit, and leave room around the bowl for tapware and pipes.
- (5) While in the carton, the bowl is protected by a packing holder. This may be used as a rough guide to placement. Make sure actual positions are checked using the bowl, or by measurement.
- (6) Cut the hole with a saw or cutter suitable for the material. Clean the area around the cut hole and remove any rough edges and loose chipped material.

STAGE 2 : ASSEMBLY

- (1) It is recommended that a little silicone sealant be applied evenly to the underside of the flange of the waste outlet. The sealant should be suitable for constant contact with water.
- (2) Fit the rubber seal ring to the waste outlet fitting.
- (3) Fit the waste outlet down through the hole in the stainless steel bowl.
- (4) Fit and fully tighten the waste outlet nut on the waste outlet fitting to ensure a waterproof seal at the waste outlet flange. Ensure water will drain. Clean excess silicone sealant from surrounding surfaces.
- (5) Making sure that the BS 136 "O" ring is securely placed on the upper end of the "Y" junction, attach the junction to the waste outlet and tighten the nut. The larger tail of the junction must point towards the deck hole selected as the bypass.
- (6) Place the "V" seal on the end of the flexible pipe with the nut. Fit this end into the larger tail of the junction and tighten the nut on to the junction.
- (7) Fit the plated bypass deck connector through the selected hole in the bowl deck and secure with the nut. Fit the plated deck plug into the remaining hole and secure also.
- (8) Pull the free end of the flexible pipe to meet the bypass deck connector and slide up over tail of connector to make fully secure. The flexible pipe can be shaped to fit into most required settings. Do NOT attempt to force the pipe into excessively sharp bends.

STAGE 3 : FINAL INSTALLATION

- (1) Fit one securing clip to each tab under the bowl, with the claw facing outwards, and the clip pivoted inwards to allow the bowl to fit into the hole in the bench-top.
- (2) Check the bowl to make sure that the rim makes contact with the bench all round. It may be necessary to press the rim up or down slightly in places to ensure a complete seating.
- (3) Apply a full bead of suitable sealant around the edge of the hole in the bench-top, and carefully lower the stainless steel bowl into the bench-top.
- (4) From the underside, pivot each securing clip claw outwards. Tighten adjusting screws so the claws bite into the bench-top underside. Weigh down the bowl to hold in place while the sealant cures.
- (5) Fit the selected "P" or "S" trap to the bottom of the waste outlet fitting. Complete connection to drain system in accordance with manufacturer's instructions and relevant authority requirements.
- (6) Ensure that water drains freely from the assembly with no leaks. Ensure the bowl will not be exposed to damage from other trade work. For example; tiling is often cleaned with acid which damages the Bowl surface.

NOTE**The COMO Bowl has a DN 50 Outlet.**

AS/NZS 3500.2:2003 table 6.1 specifies minimum drain sizes for fixtures and appliances.

In Australia, sinks in kitchens must have DN 50 (minimum) connections to drain.

Laundry troughs, wash-basins and bar sinks must have DN 40 (minimum) connections to drain.