

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

Mill

DEBUR AND
BREAK SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

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	NAME	SIGNATURE	DATE		
DRAWN	Stevan Balfour		22/3/16		
CHK'D					
APPV'D					
MFG	Rainware Pty Ltd				
Q.A				MATERIAL:	
				316 Stainless Steel	
				WEIGHT:	

TITLE:

Miami Alfresco
Bath Fill

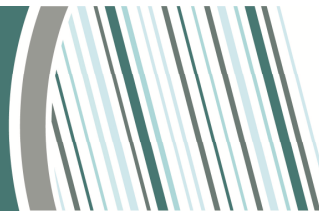
DWG NO.

4810

A4

SCALE: Not To Scale

SHEET 1 OF 1



Miami Alfresco Bath Fill Installation Instructions

4810, 4820 including Castaway Handshower

Attention Plumber:

Please leave these instructions for the owner once installed.

To ensure the optimum performance and customer satisfaction please adhere to the following:

1. **Flush out all pipe work prior to installation.**
2. **If the water pressure exceeds or is likely to exceed 500kpa due to pressure fluctuations at any time, an approved Pressure Limiting Valve must be fitted.**
3. **If the water temperature exceeds 60deg.C an approved Tempering Valve must be fitted.**
Failure to comply with the above will void all warranties.

Rainware use Ewing's Industries 40mm Ningbo mixer cartridges.

They are available for replacement through most plumbing stores and Rainware Pty Ltd.

Technical Data

Rainware products are designed to be suitable for:

- **Equal Pressure Systems**
- **Minimum Water Pressure for satisfactory operation: 100kpa**
- **Recommended operating pressure: 100 - 500kpa**
- **Maximum test water pressure: 500kpa**
- **Maximum water temperature 80deg C.**
- **Not recommended for use with domestic gravity- feed hot water systems.**
- **Australia Standards AS 3500.1 or relevant Local Authority requirements.**
- **10 year outdoor warranty.**

Installation information

1. Select a position for your Bath Fill beside bath so outlet will fill successfully (check technical drawings if roughing in/pre-plumbing before product is delivered) & avoid close proximity to power points.
2. Run plumbing underground using 1/2" poly or copper tube, bring plumbing pipes out of the ground approximately 2" (50mm) in the centre of the position of the stand. If stand position is beside a wall please position pipe work 200mm away from the wall to allow for the shower to be cleaned. (The stand has a 150mm square base) The Hot water should be tempered to max.55 deg (Council Regulations) as the stands **do not** have a fitted tempering device.
3. Concrete or pave a level area approximately 400mm or bigger for the stand to be secured to. (Note: Pavers should be bedded in cement to add weight and stability)
Pipes should have lagging or protection from concrete (some plumbers use a short piece of 100mm DWV or Sewer pipe to protect the pipes).
Flush pipes with water to remove any dirt or pipe filings, these will affect performance of your stand.

Note: Inline stop cocks or isolating valves should be installed before the stand to assist in repair if ever required, this is not compulsory however recommended.

4. Cut the pipes to the desired length staggering the Hot & Cold pipes to make it easier to connect to flexi-connectors. Using compression fittings (1/2" C x MI Union) for copper or Tita fittings (1/2"P x MI Connector) for poly connect pipe work to the 1/2" FI Flexi-connectors hanging out of the base of the stand.
Note: Hot & cold are marked with Red Tape (Hot) and Blue Tape (Cold)
5. When tightening to flexi-connectors no thread tape is required. Hand tighten then nip (1/2 turn) with spanner. Hoses will push inside stand when in upright position. Turn stand on to check for leaks!

6. Position stand in your preferred direction, mark & drill holes using a 10mm Masonry drill. To take out looseness or unevenness in stand, use silicone between stand base and concrete or paving. Tap in dynabolts supplied with a hammer gently and tighten with Allen key provided.

If you have purchased a Bath fill with Castaway handshower, please connect flexible hose with hex end to elbow on the back of the stand (a Dual check back flow prevention valve is factory fitted into elbow) and the conical end of hose to the handpiece enabling the handpiece to sit in the black claw bracket. Test for leaks. Flexible hose is not designed to be over stretched or for use without the elbow, doing so may damage the hose and void warranty.

7. Clean your new Bath Fill stand with a Hillmark Steelkleen stainless steel wipe. These wipes are designed to remove finger prints and water marks, and prevent brown staining. Should light scratching occur, use a Scotch Brite green pot scourers and rub up & down the stand in the direction of the grain (not across the grain). Please be aware we use structural stainless steel and sometimes there are flaws or scratches in the tube. We do our best to try to remove these before manufacture.

8. For easy maintenance of your Bath Fill, wipe over regularly with Hillmark Steelkleen spray (purchased through most supermarkets).

If a brown staining occurs:

We use 316 Stainless Steel which does not rust. If brown tea-staining does occur, use a Scotch Brite and liquid dishwashing detergent as per instruction no.7 then rinse with clean water. With tapware & rose, closely determine the direction of the grain & apply detergent with Scotchbrite **gently with the grain** until all tea stain is removed.

Regular applications of Steelkleen helps prevent staining & keeps your stand looking good.

9. Thankyou for purchasing a Rainware Bath Fill. Your stand is now ready to use.

Please note: Please check with an Electrician to the laws requiring the stand to be earthed. If stand is installed within 1200mm (4') of the pool water please connect earth wire supplied. A qualified electrician must do connection as per AS3000 Electrical Code.

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Handshower only