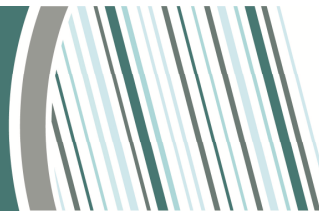


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:				FINISH: Mill		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
© Rainware Pty Ltd 2012								TITLE:			
Beach Solo 5003								DWG NO.			
DRAWN: Stevan Balfour				SIGNATURE:		DATE: 20/12/2012		MATERIAL: 316 Stainless Steel			
CHK'D:				SIGNATURE:		DATE:		WEIGHT:			
APP'VD:				SIGNATURE:		DATE:		SCALE: Not To Scale			
MFG: RAINWARE Pty Ltd				SIGNATURE:		DATE:		SHEET 1 OF 1			
QA:				SIGNATURE:		DATE:		A4			



Free Standing Beach Showers Installation Instructions

Attention Plumber:

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 350kpa due to pressure fluctuations at any time, an approved Pressure Limiting Valve must be fitted.**

Rainware use RBA Docol Timeflow valves.

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

Technical Data

Rainware products are designed to be suitable for:

- **Minimum Water Pressure for satisfactory operation: 100kpa**
- **Recommended operating pressure: 100 - 350kpa**
- **Maximum test water pressure: 400kpa**
- **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 on internal plumbing and Tubing**
- **2 year warranty on Time flow cartridges**

Installation procedure:

1. Select a position for your Pool Shower away from powerlines & power points. Shower Height is 2 mtrs.
2. Run plumbing underground using 1/2" poly or copper tube, bring plumbing pipe or pipes out of the ground approximately 2" (50mm) in the centre of the position of the shower. If shower position is beside a wall please position pipe work 200mm away from the wall to allow for the shower to be cleaned. (The shower has a 250mm square base). Showers are designed as cold only as there is no temperature control.
Note: Inline stop cocks or isolating valves should be installed before the shower to assist in repair if ever required, this is not compulsory however recommended.
3. Concrete or pave a level area approximately 400mm or bigger for the shower 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 100mm DWV / Sewer PVC pipe to protect the pipes. **Flush pipes with water to remove any dirt or pipe filings, these will affect performance of your shower.**
4. Cut the pipes to the desired length to make it easier to connect to flexi-connector. Using a compression fitting (1/2" C x MI Union) for copper or a Tita fitting (1/2"P x MI Connector) for poly, connect pipe work to the 1/2" FI Flexi-connector hanging out of the base of the shower.
5. When tightening to flexi-connectors no thread tape is required. **Hand tighten then nip (1/2 turn)** with spanner. Hoses will push inside shower when in upright position. Turn shower on to check for leaks!
6. Position shower in your preferred direction, mark & drill holes using a 12mm Masonry drill. To take out looseness or unevenness in shower, use silicone between shower base and concrete or paving. Tap in dynabolts supplied with a hammer gently and tighten with spanner.
7. Clean your new Commercial Shower with a Hillmark Steelkleen stainless steel wipe. The wipes are designed to remove finger prints and water marks, and prevent brown staining. Should light scratching occur, use a Scotch Brite green pot scourer and rub up & down the shower, 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 Commercial Shower, 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 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 shower looking good.

9. Thankyou for purchasing a Rainware Commercial Shower. Your shower is now ready to use.

Please note: If shower is installed within 1200mm (4') of the pool water please connect earth wire. A qualified electrician must do connection as per AS3000 Electrical Code.

Warning: If the shower is in direct sunlight this could cause the water held in the shower or garden hose connecting the shower to heat up and cause scalding. Please ensure before using the shower to let water run for a few moments to washout any overheated water.

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