

**MODEL RBA8519-201**

**RBA8519-201** 5 Star Coolum Commercial Showerhead and Shower Handle Kit



As improvements in the design and performance of RBA products are continuous, specifications may be subject to change without notice. The illustrations and descriptions herein are applicable to production as of the date of this Installation Instructions Sheet. Revised 04/24 © 2024 by RBA Group II/Model RBA8519-201/0424

This product is to be installed in accordance with the Plumbing Code of Australia (NCC Vol. 3) and AS/NZS3500 as well as any other applicable requirements subject to the jurisdiction under which the product may be installed. This includes maximum heated water temperatures to sanitary fixtures, accessible design dimensional requirements and, where required, a suitable backflow prevention device.

Note: This shower may not be suitable for use with gravity-fed water heaters, low pressure supply network, instantaneous water heaters, tempering valves, and thermostatic mixing valves. The shower handset incorporates a Neoperl non-return flow control. Care must be taken during assembly to ensure the flow controller is not damaged.

## Technical Requirements

Showerhead Body:	Chrome plated, low lead DZR brass
Handle Body:	Chrome plated, low lead DZR brass
Inlet Connection:	15mm BSP (1/2") female
Temperature:	10 - 70°C
Handle Rotation:	Quarter Turn
Flow Rate:	5.9L per minute
WELS Rating:	5 Star
SBA Thread:	G 5/8" BSP
Wall Depth:	12 - 22mm
Operating Pressure:	150 - 500kpa in accordance with AS/NZS3500 and the PCA

- Please leave this documentation with the owner of the fixture when finished.
- Please read the entirety of this booklet before commencing installation. Check your installation for compliance with relevant local standards.
- Recess bodies are to be Watermark certified to AS3688. Heated water installations for sanitary fixtures shall comply with the temperature requirements of the PCA and AS/NZS3500.
- All wall penetrations in wet areas are to be in accordance with NCC Vol.2: Wet Areas.

## Components Supplied

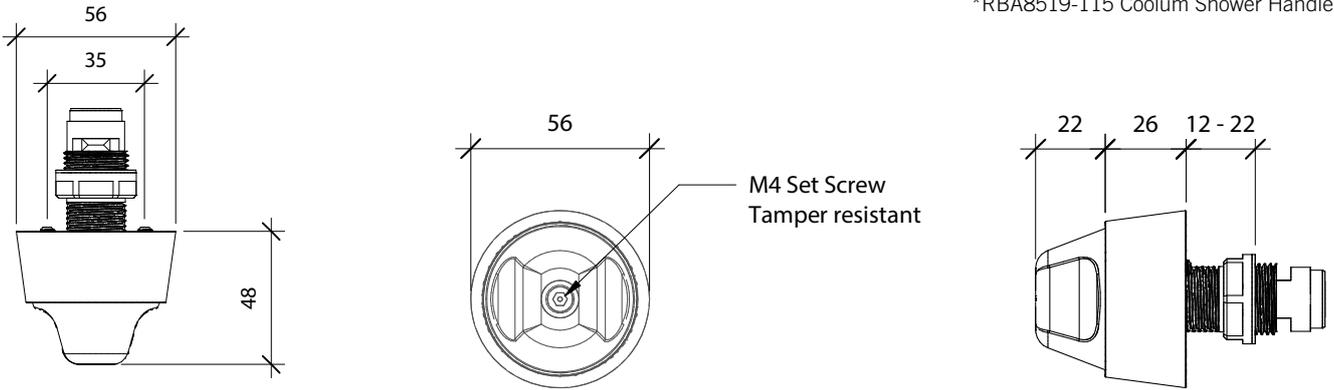
- Showerhead assembly
- Quarter-turn ceramic SBA
- Handle assembly
- 3 x colour indicators [red, yellow and blue]
- PTFE washer
- PTFE 3D washer
- 2.5mm security hex bit

## Components Supplied by Others

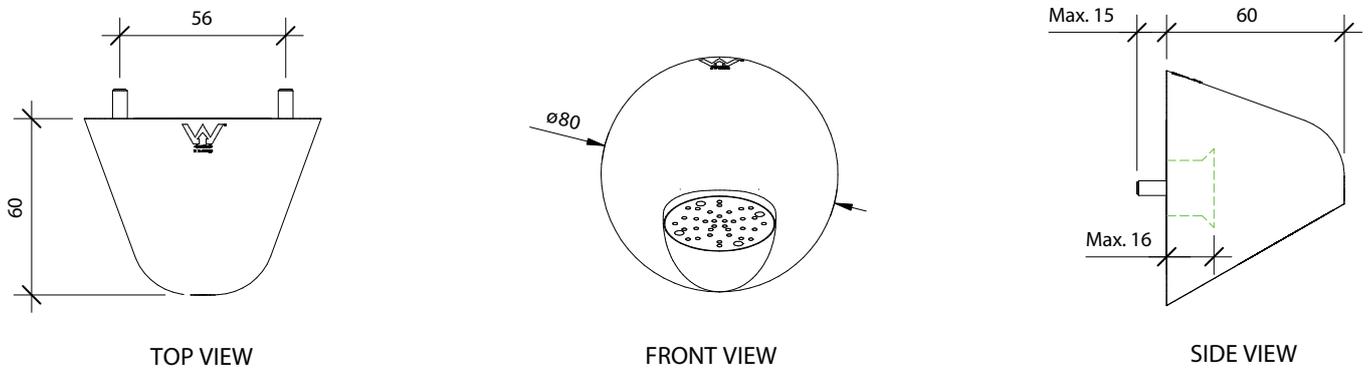
- Recess body

## Dimensions & Rough-In

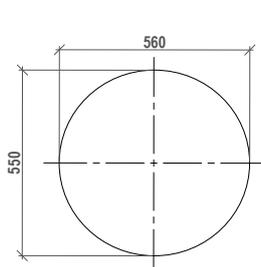
\*RBA8519-115 Coolum Shower Handle



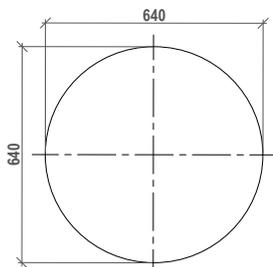
\*RBA8519-114 Coolum Showerhead



\*RBA8519-115 Coolum Shower Handle Spray Pattern

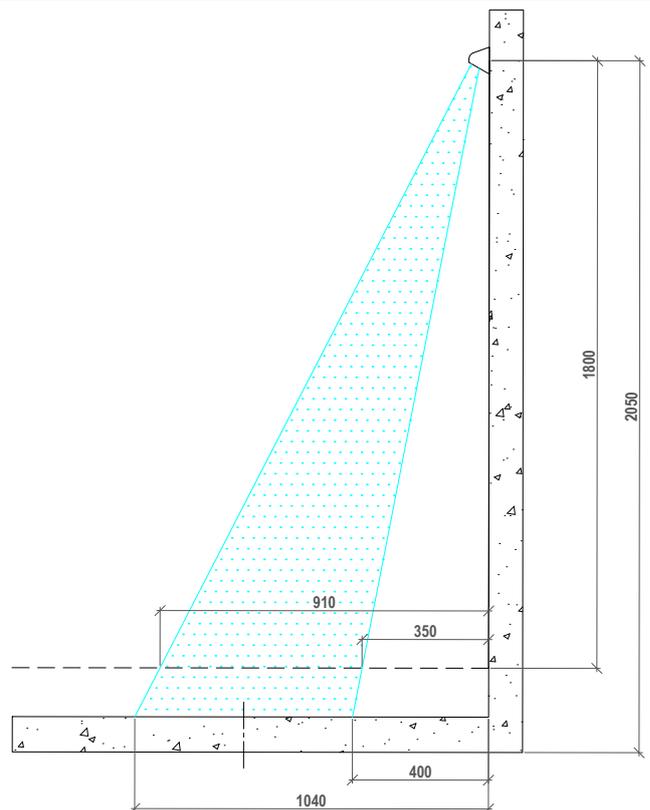


Alternate FFL Foot Print @1800



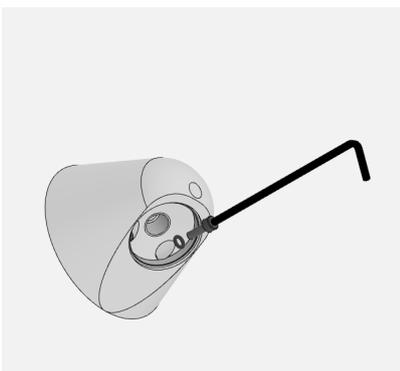
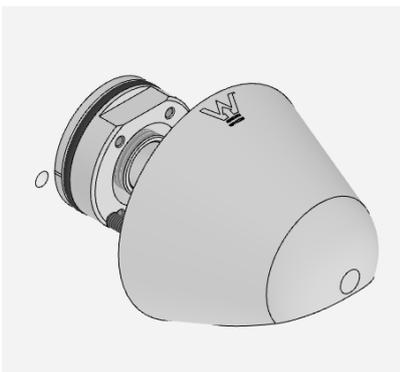
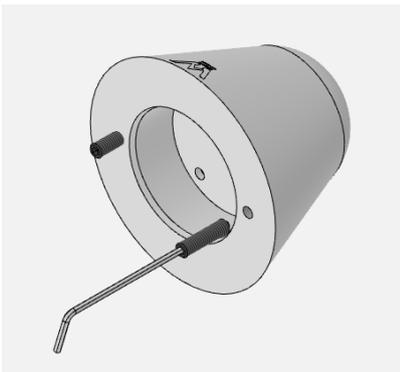
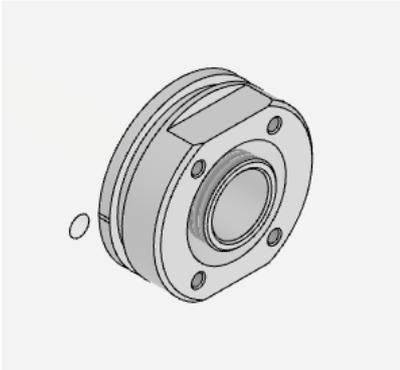
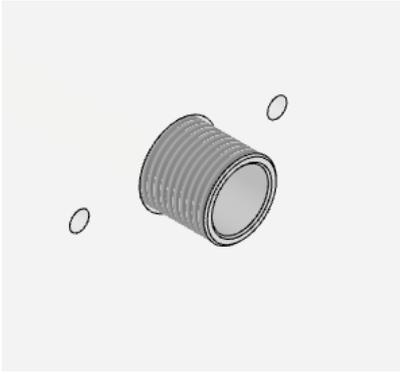
FFL Foot Print @2050

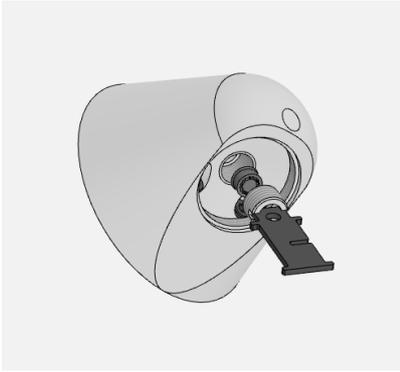
STATIC PRESSURE: 500 kPa  
FLOW RATE: 6 LPM



## Installation - Showerhead

1. Check Dimensions & Rough-In drawings against supplied product.
2. Using Dimension & Rough-In drawings, set the 1/2" BSPP wall outlet 16mm from wall and deburr face. Drill two 5.5-6mm [dia.] x 6mm deep holes to accommodate the threaded anti-rotational grub screws. For security applications, drill these holes to allow M5 bolts for rear fixing.
3. Fix wall spud onto the outlet, ensuring face of spud does not protrude further than 16.5mm and flats are parallel with the ground. Ensure notches on side of spud are aligned with holes drilled in Step 2.
4. Screw grub screws into the back of the shower body. When the body is installed onto the wall spud, the grub screws should align with the holes drilled in Step 2. For security applications, remove grub screws from body.
5. Slide the shower body onto the spud, lining up the grub screws with the holes drilled in Step 2. For security applications, insert appropriate M5 bolts [by others] from behind the wall into the shower body and secure.
6. Insert the supplied M4 bolts and O-rings into the shower face to secure shower body to spud. Tighten to 2Nm.

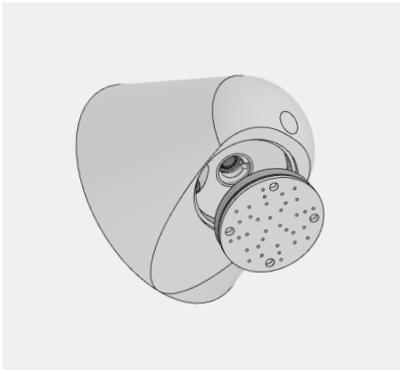




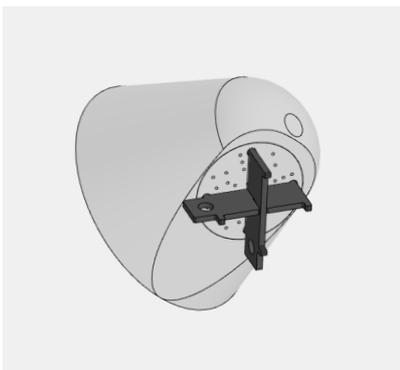
7. Insert the flow controller into the holder and thread into the shower body using the flat of the supplied tool. **Do not overtighten.**



8. Slide O-ring onto shower face.

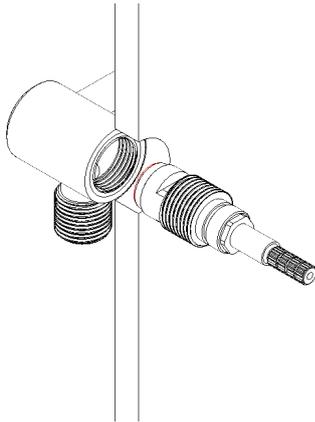


9. Fix shower face to body by hand. For security applications, apply suitable threadlocker to secure.

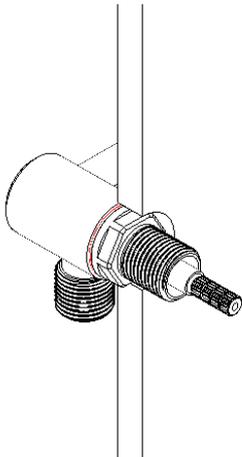


10. Slotting the two provided tools together, tighten the shower face to 5-8Nm.

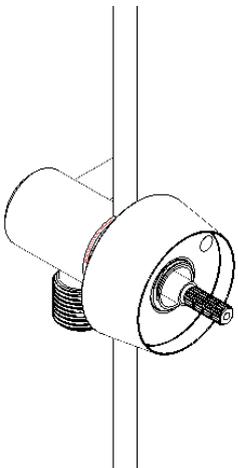
## Installation - Shower Handles



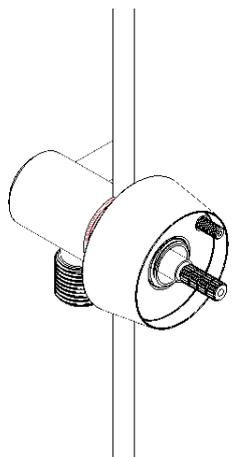
1. Ensure the recess body is undamaged and fitted such that it is parallel with, and 12mm to 22mm from the front of wall.
2. Remove the threaded adaptor and fibre washer from the SBA and screw into the recess body. Do not over tighten, as this will damage the seal at the base of the spindle.



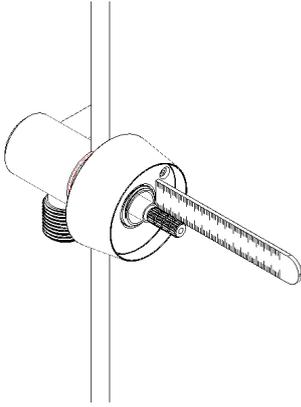
3. Fit the fibre washer and threaded adaptor and tighten firmly [ensure installation is done in accordance with AS3718].
4. Run water through the unit to check for leaks



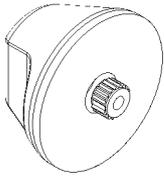
5. Fit the escutcheon onto the SBA and tighten until in position and flat against the wall.
6. Mark the M5 holes and remove escutcheon.



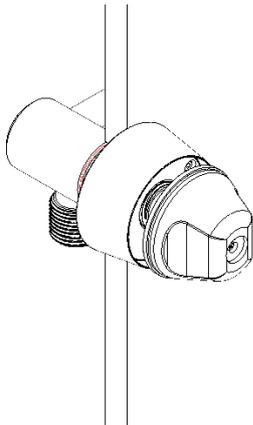
7. Drill out holes to suit the locking M5 grub screws to minimum depth of 3mm.
8. Fit the escutcheon on the SBA and tighten the grub screws into holes in the wall.



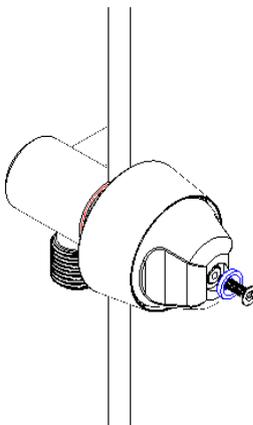
9. Measure and cut the spindle to 25-26mm from inside of escutcheon to end of spindle. If the spindle is too short due to wall depth, the supplied spacers may be used to extend the spindle.
  - a. To install one spacer, cut the spindle to 20-21mm and push the spacer into the handle spline prior to installation.
  - b. To install two spacers, cut the spindle to 15-16mm and push the spacers into the handle spline prior to installation.



**Please note:** The handle must be able to spin freely once installed without rubbing against the inside of the escutcheon



10. Install the 3D PTFE washer with ridges facing the escutcheon. Once in place, install the handle.
  - a. A second flat PTFE washer is supplied if an additional spacer is needed.



11. Insert the coloured ring into the cut-out in the top of handle [refer to AS/NZS3500 and any applicable local codes];
  - a. Blue for cold.
  - b. Red for hot.
  - c. Yellow for warm.
12. Install the provided M4 screw into the top of handle and securely tighten [max torque of 2 Nm] using 2.5mm security hex bit [supplied].

**For best results,** unit should be inspected and cleaned regularly as per the instructions in the RBA Product Warranty, Cleaning Care Guide, available on our websites.

**Note:** This product should be installed, by suitably qualified persons, in a fit for purpose application, to suitable materials, using suitable fixings and comply with any relevant codes. It should be inspected periodically for signs of wear and tear that may affect performance or safety.

Dimensions are subject to manufacturer's tolerance of +/-10mm. Rough-in should be completed with each fixture.

**Important:** Installation Instructions are subject to change without notice. Please visit **our websites** for latest revision.

