

School Pattern Recessed Set with The Custodian® Shower Rose - On Wall Mounted

Installation and Maintenance Instructions

VP354NS



specifications

- Suitable for use with high pressure water supply between 150 and 500 kPa.
- The flow of water to the shower is regulated.
This lower flow rate may not be suitable for use with some gravity-fed water heaters, low and unequal pressure supply networks, instantaneous water heaters, tempering valves, solar water heaters and thermostatic mixing valves.
- Care should be exercised during installation to ensure that the male connecting thread does not damage the flow regulator.

technical data

Inlet Connection - Shower Rose	1/2" BSP (15mm) Female
Working Pressure Range - Shower	Min 150 kPa Max 500 kPa
Working Pressure Range - Jumper Valve	Min 50 kPa Max 500 kPa
Flow Rate	7 L/min (4 Star WELS)
Maximum Static Pressure	1200 kPa
Maximum Working Temperature	70°C



Enware products are to be installed in accordance with the Plumbing Code of Australia (PCA) and AS/NZS3500. Installations not complying with PCA and AS/NZS 3500 may void the product and performance warranty provisions.

Reference should also be made to the Australasian Health Facility Guidelines (AHFG), ABCB and Local Government regulations when considering the choice of, and the installation of these products.

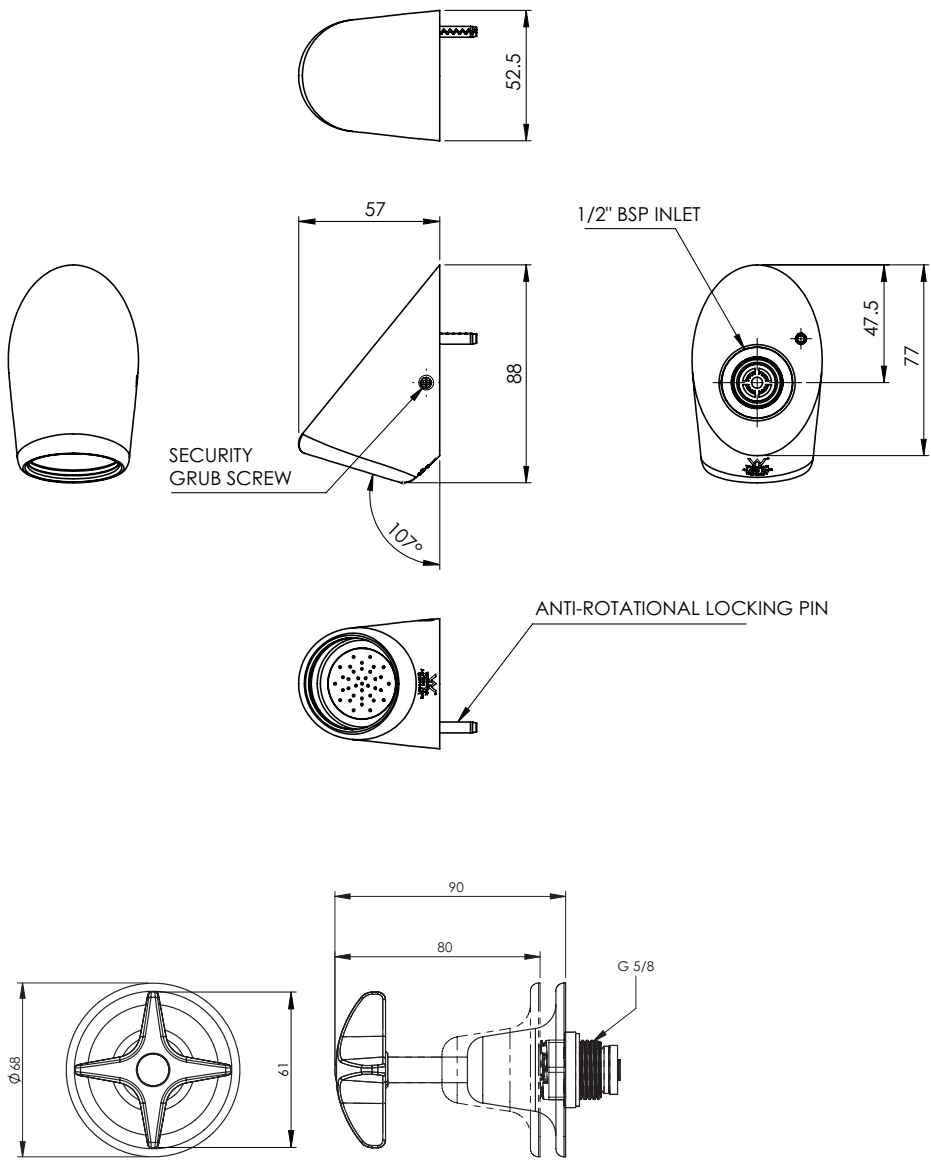
This product must be installed and commissioned by a qualified plumber.

For use with potable water only.

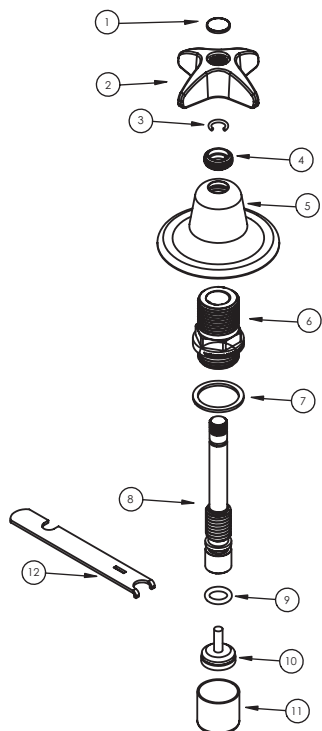
NOTE: Enware Australia advises:

1. Due to ongoing Research and Development, specifications may change without notice.
2. Component specifications may change on some export models.
3. Refer to warranty statement for warranty details - www.enware.com.au/warranty.

dimensions



All measurements are in millimetres.
Not to Scale.



VP JUMPER VALVE

DESCRIPTION	
1	Indicator Button
2	Handle
3	Circlip
4	Insert
5	Flange
6	Stuffing Box
7	Red Fibre Washer
8	Spindle
9	Spindle O-Ring
10	Jumper Valve
11	Protective Cap
12	Spanner Key

installation - recess adaptor

- All supply lines must be flushed thoroughly to remove debris prior to the installation of this product, as per AS/NZS 3500.1. Strainers (40 mesh) are recommended if debris is an ongoing problem.
- A pressure reduction valve may be required to comply with the recommended maximum supply pressure and/or balanced pressure requirements.

INSTALLATION

1. Prepare shower breach / tap body in wall, taking into account the wall depth required for the tap.
Minimum 0mm, maximum 14mm from finished wall to the face of tap body. **SEE IMAGE 01**
2. After the wall is finished:
Remove plastic protective cap from SBA.
Make sure a fibre washer is present beneath the SBA spindle.
Screw SBA into tap body in wall. Use the hex provided on the SBA to tighten with a spanner. Do not over-tighten. (Max. torque 30Nm) **SEE IMAGE 02**
3. Turn on water supply to the tap. Fit handle onto spindle temporarily. Test operation and check for leaks.
Seal any gaps between the SBA and the wall if necessary.

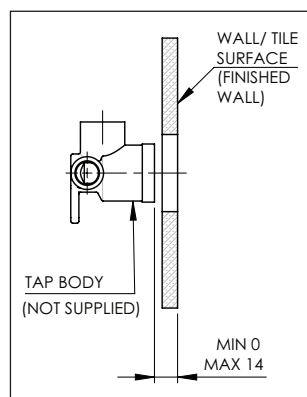


IMAGE 01

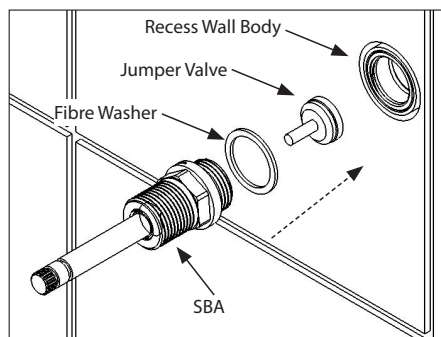


IMAGE 02

4. Screw the flange onto the stuffing box by hand until it sits flat against the wall. **SEE IMAGE 03**
5. Place the insert onto the spindle, and then place the circlip in the groove on the spindle. **SEE IMAGE 04**
6. Place the handle onto the spline of the spindle, then use the spanner key provided to secure the insert with the bottom of the handle. **SEE IMAGE 05 & 06**

7. Fit indicator button onto handle.
To do this, ensure the surface of handle is clean and dry, free of dust, moisture and grease.
Peel off the indicator button from its backing paper, taking care not to touch the adhesive side.
Place the indicator button onto flat section of the handle, and push the button firmly onto handle. **SEE IMAGE 07**

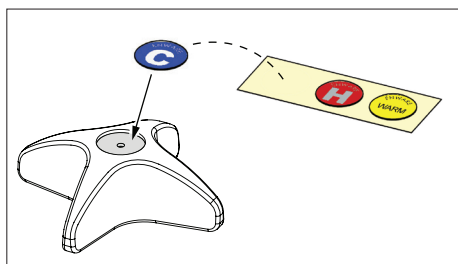


IMAGE 07

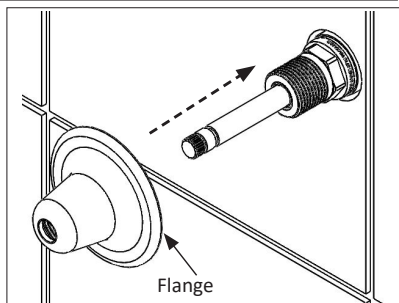


IMAGE 03

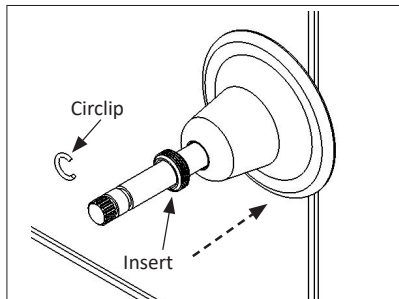


IMAGE 04

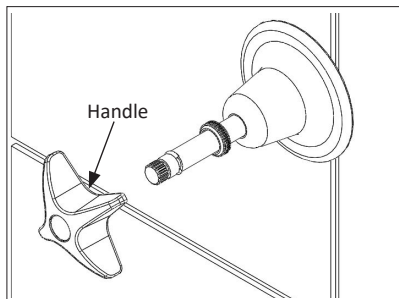


IMAGE 05

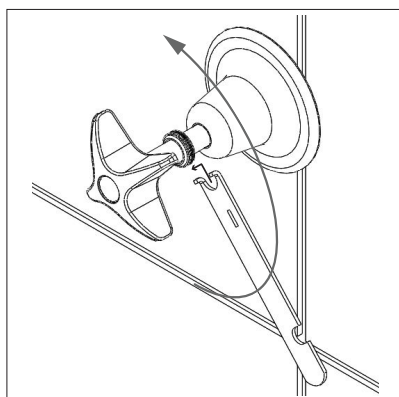
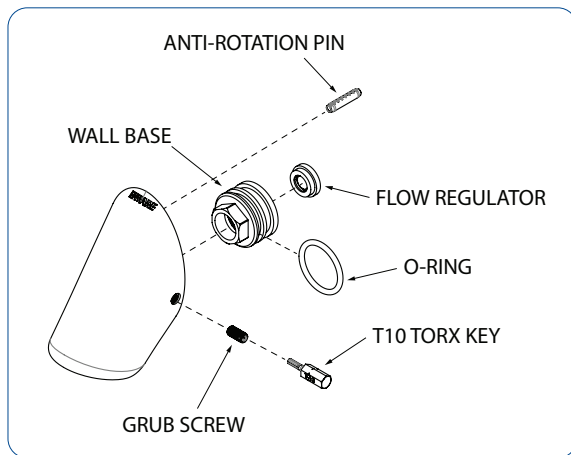


IMAGE 06

installation - shower rose



- All supply lines must be flushed thoroughly to remove debris prior to the installation of this product, as per AS/NZS 3500.1. Strainers (40 mesh) are recommended if debris is an ongoing problem.
- A pressure reduction valve may be required to comply with the recommended maximum supply pressure and/or balanced pressure requirements.

1. Determine the position of shower rose to be installed. **SEE IMAGE 01**

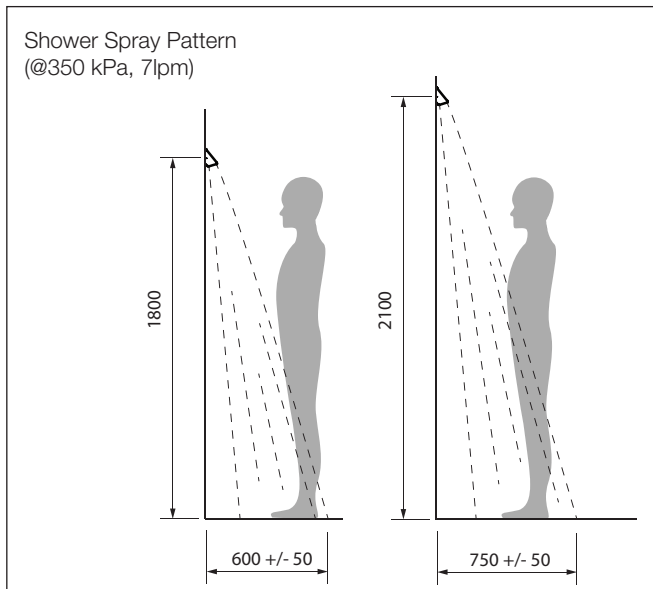


IMAGE 01

2. Prepare a 1/2" BSP thread on wall, allowing 11mm of thread to protrude from finished wall. **SEE IMAGE 02**
3. Flush the water supply line. Ensure there are no debris or contaminants.
4. To disassemble wall base from shower rose, first unscrew the grub screw out of shower rose using Torx key. Loosely screw a 1/2" thread fitting onto the female thread of wall base, and pull out the wall base from shower rose assembly.
5. Apply thread sealant to thread on wall.
6. Screw wall base onto thread, all the way until wall base is tight against the finished wall. Use a spanner on the hex of the wall base to tighten. Note: Care should be taken to ensure that the male connecting thread does not damage the flow regulator. **SEE IMAGE 03**
7. Fit shower rose onto wall to mark out the location for anti-rotation pin. Take off shower rose, then drill a hole on the marked position using a 5mm drill bit, 15mm deep.

Check position of anti-rotation pin before drilling as orientation may vary. **SEE IMAGE 04**

8. Fit shower rose back onto wall. If required, apply anti-pick silicone or silicone sealant of appropriate grade, around the edges on the contact surface. Push the shower rose all the way so that it is tight against the finished wall.

Make sure the anti-rotation pin locates correctly and that there are no gaps between the wall and the shower rose. **SEE IMAGE 03**

9. Secure the shower rose in position with the grub screw. Ensure the grub screw is engaged into the groove of the wall base and is fitted all the way into the shower rose. Use T10 Torx key (supplied) to tighten the grub screw with a small spanner. Do not over-tighten. **SEE IMAGE 05**

10. Turn on water supply and test operation.

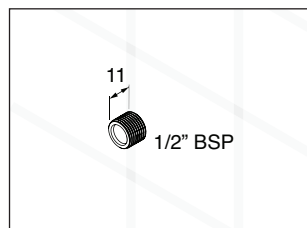


IMAGE 02

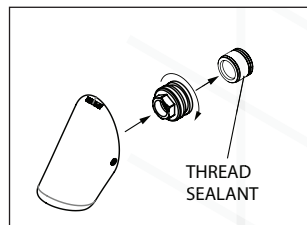


IMAGE 03

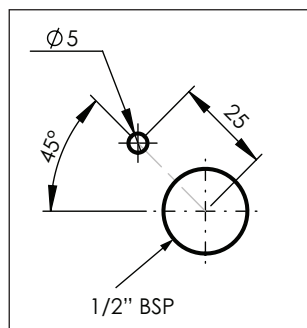


IMAGE 04

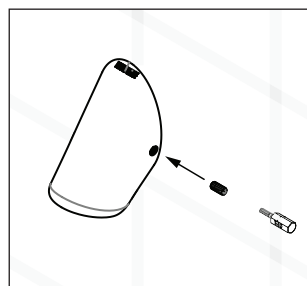


IMAGE 05

maintenance

CLEANING

Enware products should be cleaned with a soft damp cloth using only mild liquid detergent or soap and water. Do not use cleaning agents containing a corrosive acid, scouring agent or solvent chemicals. Do not use cream cleaners, as they are abrasive. Use of unsuitable cleaning agents may damage the surface. Any damage caused in this way will not be covered by warranty.

spare parts

PART	ENWARE SALES CODE
SBA - VP Recess Jumper Valve	VP382
School Pattern (VP) handle (incl. circlip, handle insert, blue colour indicator, Anti-Vandal handle key)	VP378
Anti-vandal handle key	MIS590
Colour indicator button (stick-on, Cold, Warm and Hot included)	MIS595RYB
Custodian Shower Rose - On-Wall Mounted	CNSHRS-FF

troubleshooting

PROBLEM	CAUSE	RECTIFICATION
Water leaking from outlet Water dripping and does not shut off	Jumper valve has debris caught in the mechanism.	Remove SBA and inspect. Remove debris and clean. Install an inline strainer.
	Tap seat is damaged	Refurbish tap seat using a reseating tool. If necessary, fit reseating kit or replace tap body.
	Jumper valve is worn or damaged	Replace jumper valve.
Water is leaking from spindle	O-ring on SBA is worn or damaged	Replace O-ring. Replace SBA.
Water is not flowing from tap	Water turned off.	Turn water on.
Poor water flow from outlet	Aerator / Flow control is blocked by debris.	Remove flow control and clean debris. Install an inline strainer.
Handle is wobbly Handle feels loose	Circlip missing Circlip not fitted into the correct groove Handle insert not tightened	Ensure circlip is in place Reposition circlip into the correct groove on the spindle Tighten insert using key
Wall flange does not screw onto thread of SBA	Tap bodies are set too far into the wall	Use extended recess spindles or body extenders.
Wall flange does not screw down onto wall surface	Tap bodies are set too far out	Use a trouble dome or flange extender.
Spindle is difficult to turn	Build up of scale on spindle, spindle worn or o-ring has been damaged	Jumper valve spindle needs to be removed, cleaned and re-greased. O-ring to be replaced. Complete SBA may need to be replaced.
Poor water flow	Debris in line	Dismantle shower rose and clean / reverse rinse shower rose. Dismantle flow control and clean. Replace if necessary.
Leaking from wall base	O-ring is damaged or missing	Check and clean or replace O-ring on the wall base



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