Warranty Information

Proof of purchase will be required.
The guarantee does not cover faults or damage caused by incorrect installation and/or maintenance, ordinary wear and tear, water composition, etc.

*Please see www.deva-uk.com for full terms and conditions of warranty

Cleaning

Your product has a high-quality finish and should be treated with care to preserve the visible surfaces. Never use abrasives or abrasive cleaning agents to clean this product clean regularly with contamination free warm water and a damp soft cloth. Do not use products containing chlorine bleach or hydrochloric acid as these can damage the product.

We have a policy of continuous improvement and reserve the right to change specifications without notice.

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INST-RTSDBSP V2
21/02/2023

Rydal Bar Shower with Diverter and Bath Spout
RTSDBSP
Installation & Maintenance Guide

Technical Specification

Working Pressure:

Min: 1.0 Bar
Max: 5.0 Bar

Operating Temperature:

Hot: 65ºC
Cold: 5ºC

Inlet Connections:

15mm Compression

Features:

- 38˚C temperature hot stop with override facility
- 3 way diverter: Select from overhead, handset or bath spout
- Riser height can be adjusted to suit your bathroom
- Double interlocked 1.5m hose
- Includes easy fit connections
- Quality chromed brass finish

5 YEAR WARRANTY* *TERMS & CONDITIONS APPLY

Deva™ by METHVEN

Please keep these instructions for future reference and request of replacement parts

General Safety Information

Please read all of the instructions before installation.

Methven recommends this product is installed by a competent person in compliance with all relevant regional regulations.

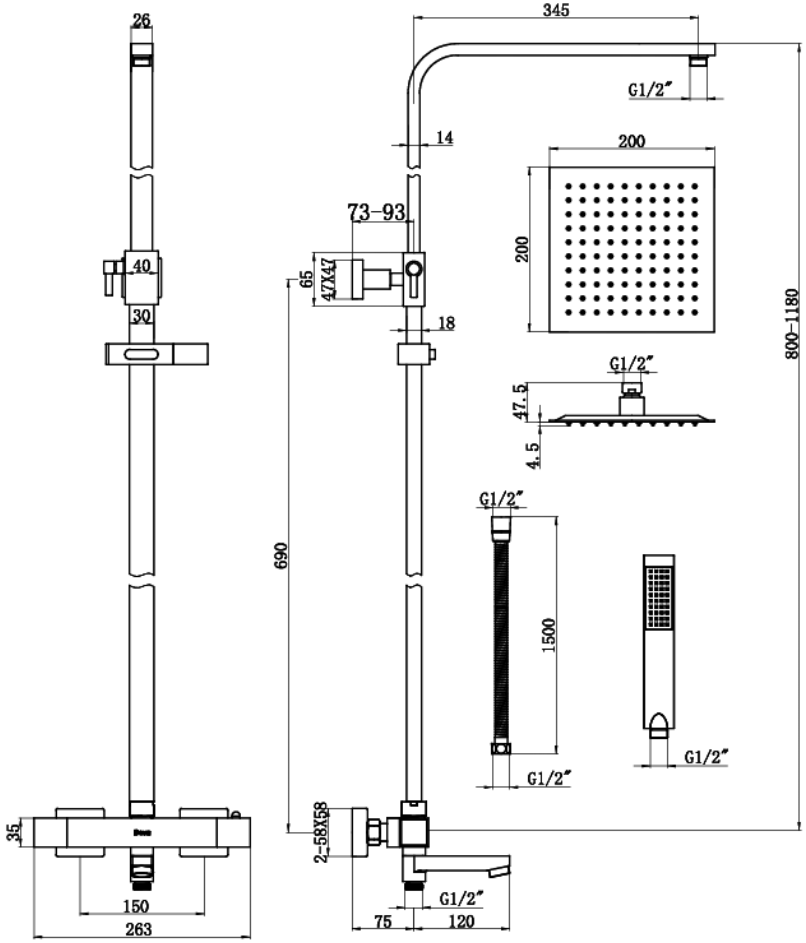
Remove all packaging and check the components for damage before starting installation.

This product **must** not be modified in any way as this will invalidate the guarantee.

It is the responsibility of the installer to ensure a waterproof seal is achieved, after installation all connections must be checked for leaks.

All outlets used primarily for personal hygiene shall deliver water at a safe temperature as per regional regulations.

Line Drawing



Troubleshooting

FAULT	POSSIBLE CAUSE
Shower only runs out hot or cold after installation	1.Hot and Cold supplies have been plumbed the wrong way around; 2.Faulty Thermostat
Shower does not run hot enough	1.Check hot water supply temperature; 2.Blockage on the hot supply.
Low or no flow	1.Possible blockage in the system; 2. operating conditions are incorrect; 3.Valve shut off has been acclimated due to a pressure drop in either the cold or hot supplies.
Leaking when in the position	1.Debris in flow control cartridge； 2.Faulty flow control cartilage
Fluctuating flow	1.Dynamic inlet pressure are not transmitted; 2.Faulty thermostatic cartridge
Hot water in cold supply or vice verse	1.Check and clean non-return valves

Temperature Adjustment/Commissioning

The thermostatic mixing valve is factory set to the indicated temperature. Check the product after installation to ensure that it operates at the correct outlet temperature.

1) Turn the temperature control to the mixed position (marked 38ºC on the handle).
2) Turn on the water to the bath filler and using a thermometer take a temperature reading.
3) If the temperature requires adjustment prise the cap out of the centre of the temperature control handle.
4) Remove the handle screw and pull the handle off the top of the thermostatic cartridge.
5) With the handle removed rotate the spindle, anti-clockwise to increase clockwise to decrease.
6) Once the desired temperature is achieved re-fit the handle in the mixed position, so that the handle cannot be rotated any further clockwise without depressing the override button.

Commissioning and Testing

A temperature difference of at least 10ºC should be maintained between the mixed and system hot water. After commissioning carry out a cold water failure test to ensure the valve is operating correctly.

If some adjustment is required to the temperature, this should only be carried out when necessary, by a competent person.

The valve should be tested to ensure correct operation at commissioning and thereafter at stated intervals decided by the user but never greater than a 12 Monthly period.

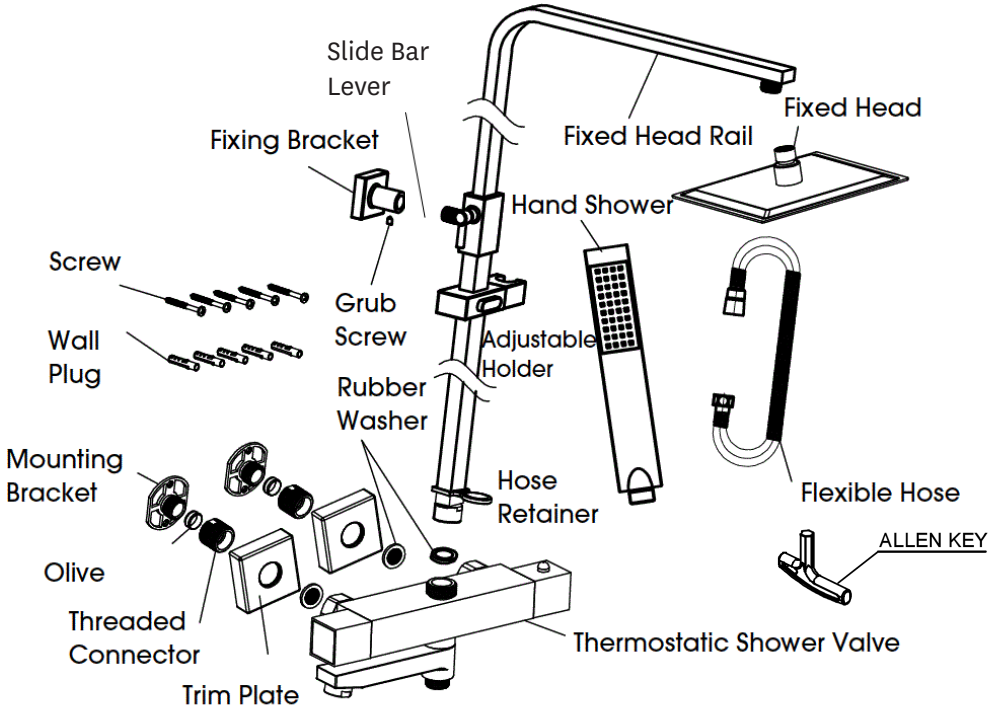
The testing will only require a normal thermometer with a scale greater than 65ºC.
The temperature sensitive element of the thermometer should always be fully inserted into the water flow.
Measure the mixed water temperature.
Carry out a cold fail/safe shut off test by using the isolation valve to shut off the water to the cold supply.
Wait 5 seconds, if the water is still flowing, check that the water temperature is below 46ºC. The flow of water should reduce to a trickle or stop completely. Open the cold water isolation valve and measure mixed water temperature.

If there is no significant change from the original settings and the fail/safe shut off is functioning the valve is working correctly and no further service is required.
If the outlet temperature has drifted by more than 2ºC, or if the fail/safe function does not work, a full service or re-commissioning is required.

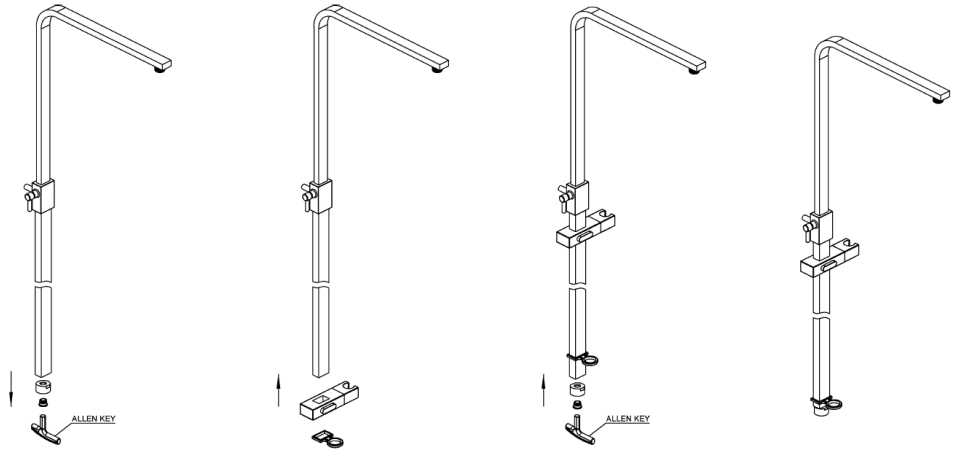
The manufacturer of the valve recommends that in these circumstances you contact a competent person for servicing or ring Methven on 0800 195 1602 for further advice.

Product Breakdown

Check All components are present prior to starting installation.
Hand shower may differ from image shown.



Rail Assembly Diagram



Step 1：Screw off the connector using Allen key.
ALLEN KEY(10mm)

Step 2：Put the slide bar lever onto the rail slider, and then put the square hose retainer onto the rail slider.

Step 3：Screw on the connector back to the rail silder.
ALLEN KEY(10mm)

Step 4：Move the slide bar lever to the best position.

Installation Instructions

Installing the Thermostatic Shower Valve:

1.Prepare the Hot and Cold supply pipes at 150mm centers. Be sure to check the overall height of the shower vs the height of the room and fit the pipework to prevent a clash.
2. Ensure the holes for the pipes are not made too big as this will affect drilling of the screw holes for the mounting brackets.
3. Ensure that there is approximately 22mm of pipework left exposed proud of the finished tiled wall to establish the correct installation connection.
4. Apply an appropriate amount of sealant between the pipe and wall lining to create a watertight seal.
5. Place each mounting bracket over the pipework and place the olive over onto the exposed pipe.
6. Slide each of the threaded connectors over the pipework and loosely fit the threaded connector into the mounting bracket. This will ensure that the pipework is central to the mounting bracket. At this point check the shower valve is level when attached to the pipework, adjust pipework if necessary and place the shower valve to one side.
7. Using the mounting bracket as a template, mark the positions of the holes to be drilled.
8. Remove the threaded connector, slide the mounting bracket and olive off the pipework
9. Drill and plug the wall in position as previously marked, Note: Ensure you use the correct type of wall plugs to suit your particular installation conditions.
10. Place the mounting brackets, olives and threaded connectors over the pipework, loosely tightening the connectors.
11. Screw the mounting brackets to the wall
12. Using a spanner, locate the flat edge on the threaded connectors and tighten onto the mounting brackets.
13. Fit the trim plate over the threaded connectors, screwing them back until they reach the finished wall and align accordingly.

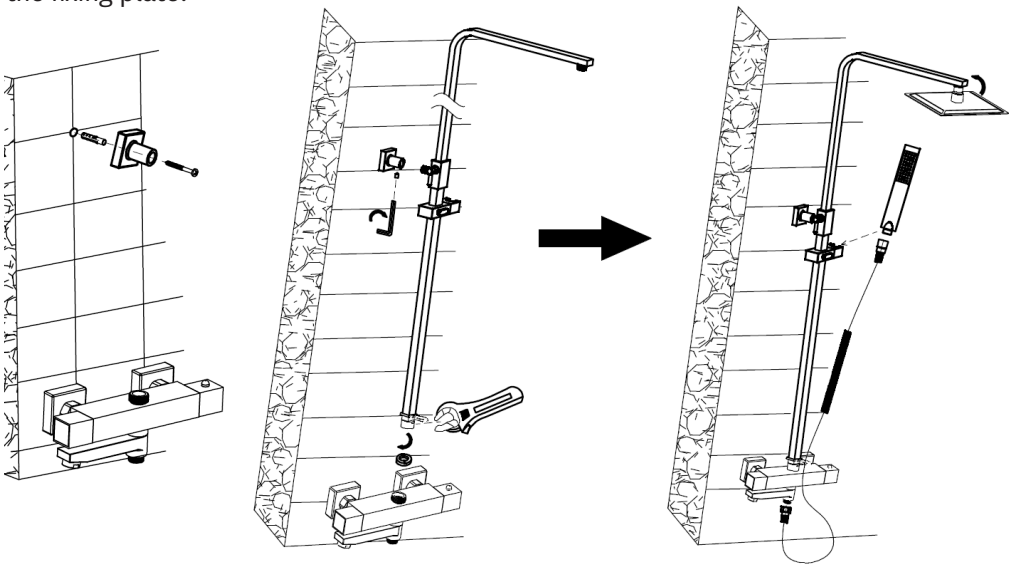
At this stage the pipe should be flushed of any debris. Failure to do so may result in the filter of the bar valve becoming prematurely blocked and reduce its performance.

14. Ensuring seals and filters are correctly located in the inlet unions of the bar valve, screw the unions of the bar valve to the threaded connectors and tighten.

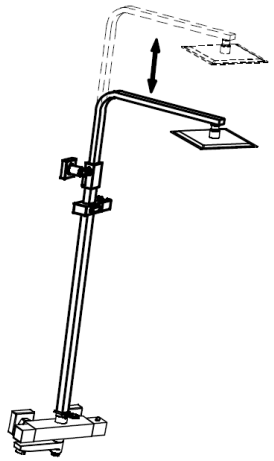
Installing the Rail System:

15. Use the allen key to release the nut on the base of the rail and fit the slide bar lever and hose retainer - See 'Rail Assembly Diagram' on pg 3 for guidance.
16. Loosely assemble the fixed head rail and the fixing bracket together and connect to the shower valve to mark for fixing holes for the fixing bracket – be sure to check the fixed head rail is level when marking for holes.

17. Drill and plug holes for fixing bracket and screw it to the wall. Fit the cap into the fixing plate.



18. Attach the fixed head rail to the shower valve and tighten. Then attach the fixed head rail to the fixing bracket using the allen key and grub screw.
19. Connect the conical end of the flexible hose to the hand shower, ensuring the washer provided is inserted between the connection.
20. Feed the hose through the ring of the hose retainer and connect the other end to the base of the shower valve, again ensuring the washer provided is inserted in the connection.
21. Place the handset into the handset holder of the fixed head rail kit and adjust the height accordingly.
22. Connect the fixed head to the fixed head rail, ensuring the washer provided is present in the connector and tighten. Use the slide bar lever to adjust the level of the fixed head to desired height ready for use.



23. Ensuring the valve is in the off position, turn on both hot and cold water supplies and check for leaks.

Note: Ensure the bath spout is fully extended over the bath before operating bath fill. The bath spout swivels neatly away when not in use.