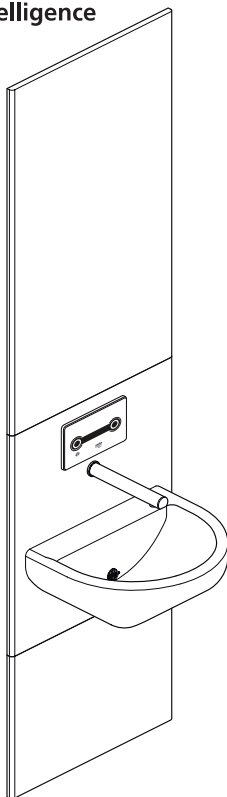




Rada Acu-T3 Digital Mixing Valve



T-logic™ Digital Intelligence

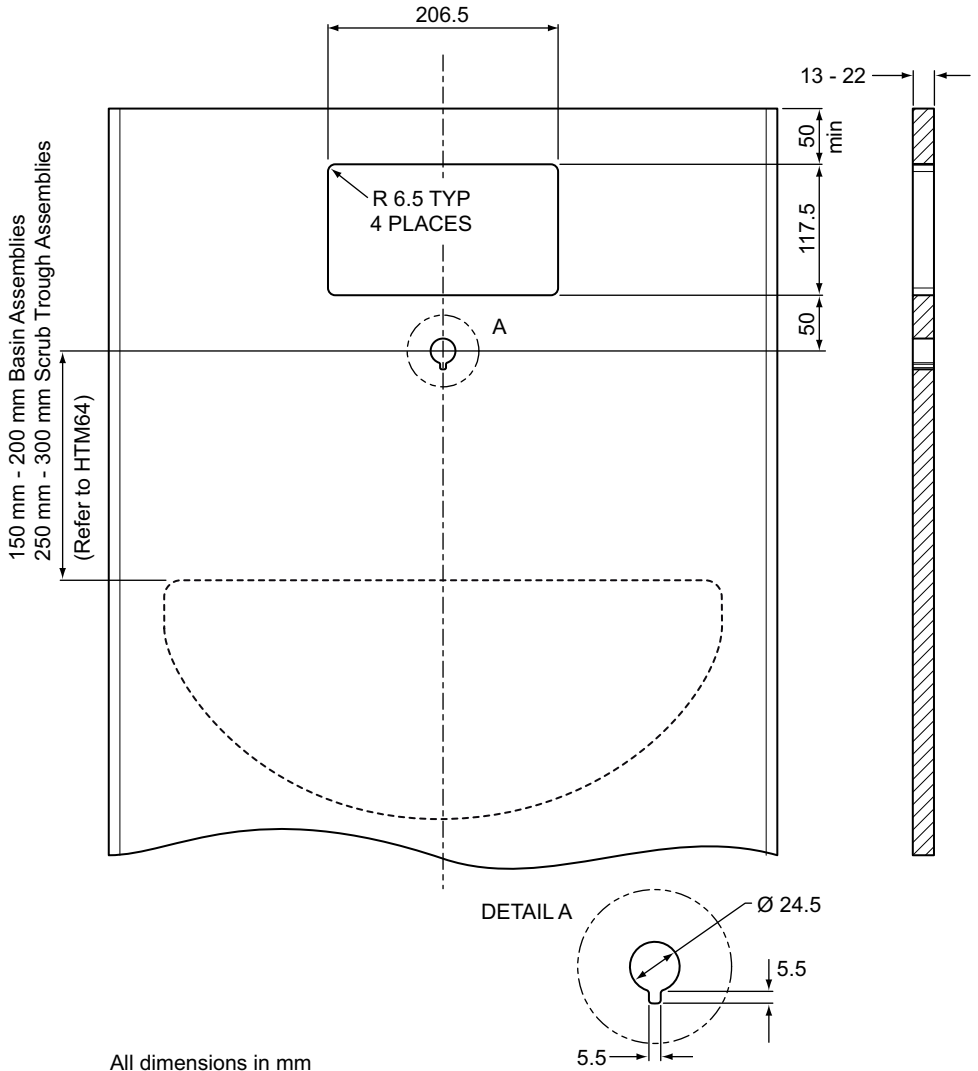


INSTALLATION MANUAL

IMPORTANT

Installer: These instructions are for the installation of the Rada Acu to IPS panels only. For details of post panel installation, commissioning, operation and maintenance refer to the Rada Acu Product Manual.

PANEL DIMENSIONS

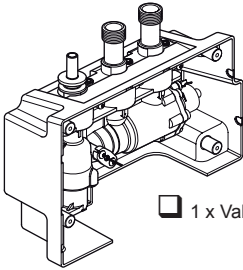


Guarantee

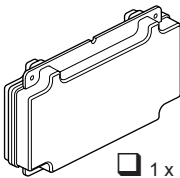
We guarantee this product against any defect in materials or workmanship for the period of five years from the date of purchase, covering all parts and labour for the first year and replacement parts only for the next four years. For terms and conditions refer to the back cover

PACK CONTENTS

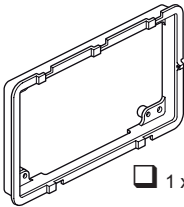
Tick the appropriate boxes to familiarise yourself with the part names and to confirm that the parts are included.



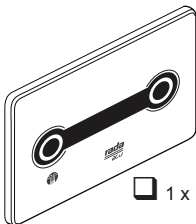
1 x Valve Assembly



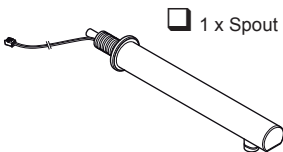
1 x PCB Box Assembly



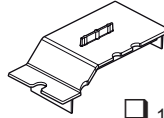
1 x Mounting Frame



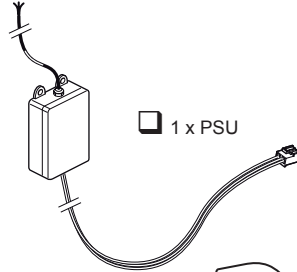
1 x Fascia



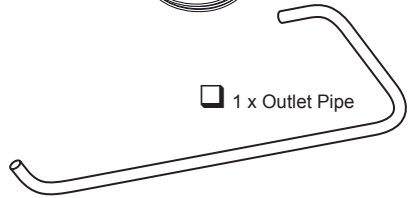
1 x Spout



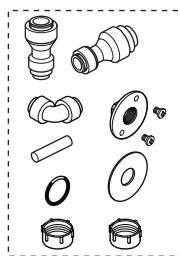
1 x Access Door



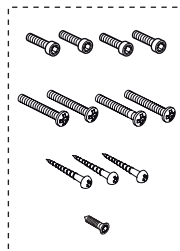
1 x PSU



1 x Outlet Pipe



- 2 x Push Fit Reducers
- 1 x Push Fit Elbow
- 1 x Short Outlet Pipe
- 1 x 'O' Seal
- 1 x Spout Retaining Nut
- 1 x Rubber Washer
- 2 x Inlet Blanking Caps
- 2 x Earthing Screws



- 4 x PCB Box Screws
- 4 x Valve Assembly Screws
- 3 x PSU Screws
- 1 x Fascia Screw



1 x Commissioning Pack

INSTALLATION

Important! These instructions are for the installation of the Rada Acu to IPS panels only. For details of post panel installation, commissioning, operation and maintenance refer to the Rada Acu Product Manual.

Installation must be carried out in accordance with these instructions, and must be conducted by designated, qualified and competent personnel.

Prepare the Panel

The panel must be cut in accordance with the dimensions shown in this guide, and the basin installation carried out in accordance with manufacturers instructions.

Step 1. Install the PSU

1.1 Using the PSU as a guide, mark the fixing hole positions on the rear of the panel.

Note! To aid servicing, it is recommended that the PSU is fitted to the rear of the panel close to the valve box (refer to illustration).

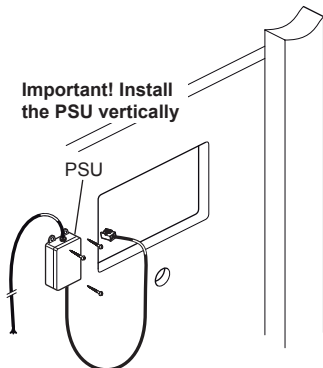
1.2 Drill the holes using a suitable drill.

Caution! Take into account the panel thickness (minimum 13 mm), take care not to drill through the panel.

1.3 Secure the PSU to the panel frame using the 3 PSU screws supplied.

Important! The PSU must be installed vertically, as illustrated.

Caution! Make sure that you use the correct screws (supplied) so as not to screw through the panel, minimum panel thickness 13 mm.



Step 2. Install the Spout Assembly

2.1 Feed the outlet pipe, sensor cable and spout inlet through the panel.

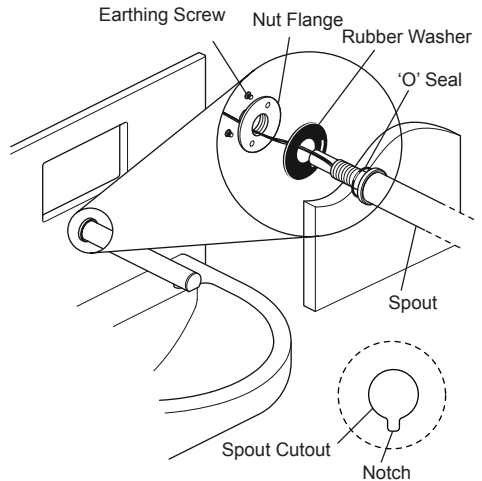
Note! Align the spout inlet with the notch in the panel.

Important! Make sure that the 'O' Seal is fitted.

2.2 Fit the two earthing screws into the holes in the nut flange.

2.3 Make sure that the rubber washer is fitted and tighten the nut with a suitable spanner.

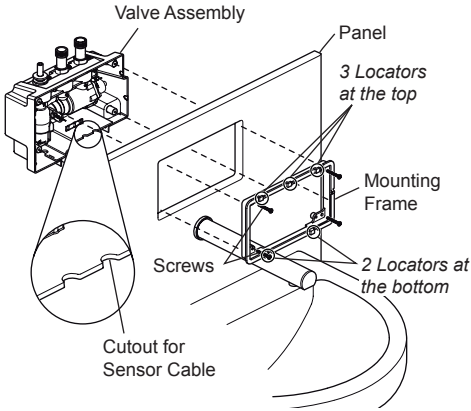
Caution! Do not overtighten.



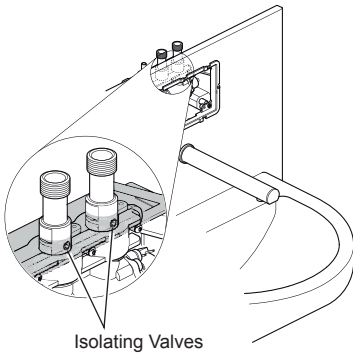
Step 3. Install the Valve Assembly

3.1 Fit the mounting frame into the rectangular cutout in the panel with the 3 locators at the top, and secure to the valve assembly with the 4 valve assembly screws (supplied).

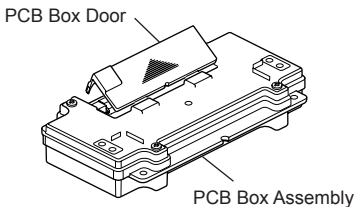
Important! Feed the PSU and sensor cables back through the panel and mounting frame, making sure that they are aligned with the cutouts in the access door.



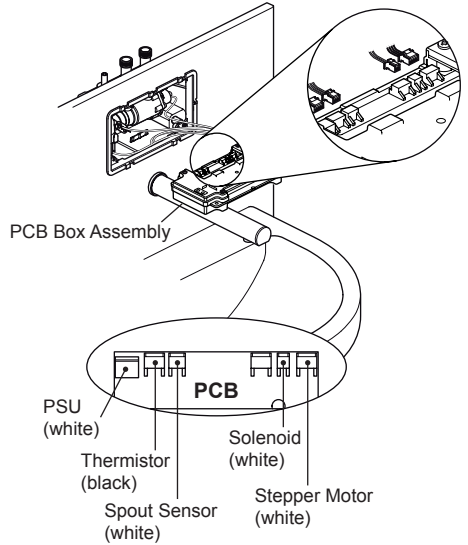
3.2 Using a 3 mm hexagonal key or a flat faced screwdriver open the 1/4 turn isolating valves.



3.3 Slide and lift the PCB box assembly door to reveal the PCB connector ports.

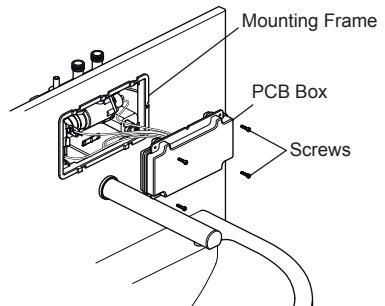


3.4 Make the connections to the PCB from the PSU, solenoid, spout sensor, thermistor and stepper motor.

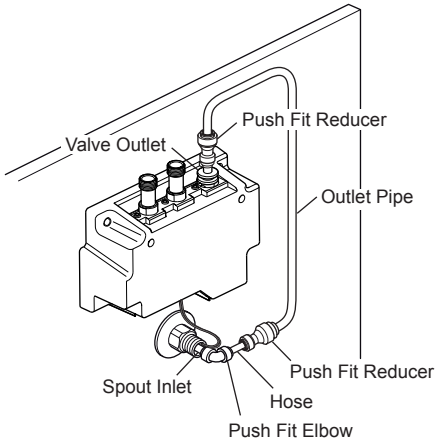


3.5 Close the PCB box assembly door and carefully secure the PCB box assembly to the mounting frame with the 4 PCB box screws (supplied) using a 3 mm hexagonal key.

Caution! Make sure that the wires do not become trapped.

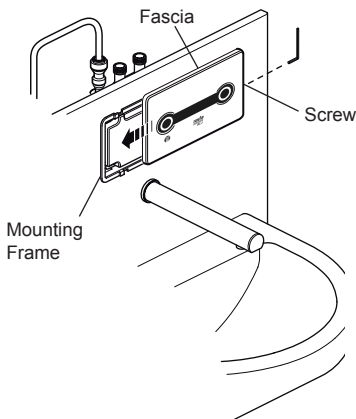


3.6 Using the push fit reducers, push fit elbow, hose and outlet pipe (supplied) make the connections between the valve outlet and the spout inlet.



3.7 Slide the fascia over the mounting frame and secure by tightening the screw with a 2 mm hexagonal key.

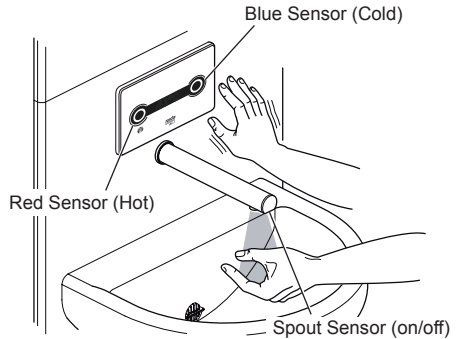
Important! Do not remove the protective film from the fascia.



Step 4. Test the Rada Acu

4.1 Connect the electrical and water supplies to the digital mixing valve.

4.2 With the power and water supplies turned on, operate the valve and check for leaks, paying particular attention to the push fit connections at the rear of the panel and the spout joint through the panel.



4.3 Isolate the water supplies, remove the connections and operate the valve to drain any residual water.

4.4 Re-open isolating valves and re-attach blanking caps.

4.5 Isolate the power supply and remove the connections.

4.6 Secure the commissioning pack to the panel.

4.7 This completes the installation of the Rada Acu. For commissioning, operation and maintenance instructions refer to the Rada Acu Product Manual.

CUSTOMER CARE

Guarantee

Your product has the benefit of our manufacturer's guarantee which starts from the date of purchase.

Within the guarantee period we will resolve defects in materials or workmanship, free of charge, by repairing or replacing parts or product as we may choose.

This guarantee is in addition to your statutory rights and is subject to the following conditions:

- The product must be installed and maintained in accordance with the instructions given in this guide.
- Servicing must only be undertaken by us or our appointed representative. **Note!** if a service visit is required the product must be fully installed and connected to services.
- Repair under this guarantee does not extend the original expiry date. The guarantee on any replacement parts or product ends at the original expiry date.
- For shower fittings or consumable items we reserve the right to supply replacement parts only.

This guarantee does not cover:

- Call out charges for non product faults (such as damage or performance issues arising from incorrect installation, improper use, inappropriate cleaning, lack of maintenance, build up of limescale, frost damage, corrosion, system debris or blocked filters) or where no fault has been found with the product.
- Water or electrical supply, waste and isolation issues.
- Compensation for loss of use of the product or consequential loss of any kind.
- Damage or defects caused if the product is repaired or modified by persons not authorised by us or our appointed representative.
- Routine maintenance or replacement parts to comply with the requirements of the TMV2 or TMV3 healthcare schemes.
- Accidental or wilful damage.
- Products purchased ex-showroom display.

What to do if something goes wrong

If your product does not function correctly when you first use it, contact your installer to check that it is installed and commissioned in accordance with the instructions in this guide.

If this does not resolve the issue, contact our Customer Services Team who will offer you or your installer help and advice.

If the performance of your product declines, check in this guide to see if simple home maintenance is required. If you require further assistance call our Customer Services Team.

Technical Helpdesk Service

Our Customer Services Team is comprehensively trained and can offer help and advice, spare parts, accessories or a service visit.

We will need you to have your model name or number, power rating (if applicable) and date of purchase.

As part of our quality and training programme calls may be recorded or monitored.

Rada Website (www.radacontrols.com)

From our website you can view our full product catalogue or download a brochure.

Spare parts and Accessories

We maintain extensive stocks of genuine spares and accessories and aim to provide support throughout the product's expected life.

Payment can be made by phone at time of order using most major Credit or Debit cards and we aim to despatch orders within two working days.

Items purchased from us are guaranteed for 12 months from date of purchase.

For safety reasons spares exposed to mains voltages should only be fitted by competent persons.

Returns – items can be returned within one month of date of purchase, providing that they are in good condition and the packaging is unopened. If you wish to return any items please notify us in writing with seven days of receipt.

Service / Repairs

Our nationwide team of Service Technicians can carry out all service or repair work to your product within the guarantee period and beyond.

You have the assurance of a fully trained Technician, genuine Rada spare parts and a 12 month guarantee on any chargeable work done.

Service Contracts

A regular service visit ensures your product continues to perform at the peak of performance. We offer annual or biannual servicing carried out by our fully trained technicians subject to site survey.

To Contact Us - Customer Service and Specification Enquiries UK

Telephone: 0844 571 1777

E-mail: rada_technical@mirashowers.com

Fax: 0844 472 3076

By Post: Rada Controls, Cromwell Road, Cheltenham, Gloucestershire, GL52 5EP

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FM 14648

