

HEATED TOWEL RAIL LADDER

WARNING (read before installation)

Arova heated towel rails must be installed by a licensed electrician and in accordance with current local regulations. For safety, this appliance must be installed so that the bottom rail is **at least 600mm above the floor**, and with **300mm clearance from permanent fixtures**, and site well away from curtains and fabrics.

Switch off the electrical supply at the mains before installation and maintenance. Consult with a licensed electrician to confirm appropriate compliant installation location. Ensure the heated towel rail is connected to an RCD protected circuit

Adhere to wiring rules and IP ratings when placing your rail. The product is rated IP55 and suitable for indoor use only. It is suitable for bathroom and other dry areas. The appliance is not suitable for above baths, saunas, steam rooms or shower cubicles or any other damp or conductive surfaces.

This appliance can be hot to the touch during and after operation. The appliance is not intended for use by or near young children or persons with reduced physical, sensory or mental capacities or lack of experience and knowledge. Any rise in ambient temperature is directly reflected in the appliance, and as a result of this, the appliance will feel hotter to the touch during warmer periods. The insulation effect of towel will also cause the operation temperature to increase slightly.

The heated towel rails are designed to gently warm towels only. For safety, please DO NOT use for any purpose other than as a towel rail and a towel warmer. To avoid damage DO NOT sit, stand, lean or hang on product. To avoid a hazard this heated towel rail must not be used to carry

towels or any other articles that have been in contact with oil, petroleum-based products or dry-cleaning fluids. And do not immerse in any liquid.

PLAN & MEASUREMENT (before installation)

Heated towel rails may be fixed to any type of wall, masonry, timber stud or steel stud. Stud walls require timber noggins at the correct position for the wiring connection leg. If the precise position can't be determined early in the job, consider noggins with 18mm construction ply, covering a large area. Fixing into plasterboard or cement sheeting alone is not recommended.

For exposed wiring installation, please roughly measure the distance to the electrical supply to ensure compatibility and safe integration. For concealed wiring installation, please measure carefully and put the towel rail to your desired position as the electrical supply is through either of the bottom bracket arms.

OPERATION INSTRUCTIONS

The heated towel rails in this guide are electric and feature a dry element. They are designed for efficiency with low wattage, ensuring rapid heating. The appliance will be warm in just 5-10 minutes. Without a towel, the rail's standard operating temperature stands at 38-45°C. Upon draping a towel, the temperature goes to 52-55°C. While the rail achieves its peak temperature in around 30 minutes, drying a towel might take between 3-4 hours. This duration can vary based on room temperatures, rail size, towel count, and towel moisture. This appliance is designed to gently warm and dry towels and are not purposed as primary towel dryer or room heater.

Check you've got everything:

- ① Heated Towel Ladder Rail x 1
- ② Heated Towel Connection Cable x 1

Leg Kit including:

- ③ Exposed/Concealed Wired Leg x 1
- ④ Wired Leg x 1
- ⑤ Non-Wired Leg x 2
- ⑥ Mounting Bracket x 3
- ⑦ Countersunk Screw x 4
- ⑧ White Concealed Wiring Sleeve x1
- ⑨ Exposed Wiring Mounting Bracket & Screw x 1
- ⑩ Wall Plug x 4
- ⑪ Machine Screw x 2
- ⑫ Small Machine Screw x3
- ⑬ Grub Screw x3
- ⑭ Allen Key x1

*Please note for square profile models this part will be a 'L' shape bracket rather than round

You will also need:

- Pencil
- Tape Measure
- Spirit Level
- Safety Glasses
- Drill & Bits 6mm&12mm
- Screwdriver

INSTALLATION

1. Switch Off The Mains Power

This appliance is installed to the 240V mains electrical circuit. To ensure your safety and to protect the towel rail, switch off the mains power before installation.

2. Attaching Legs

- Determine which leg you want to connect the electrical supply to and attach the exposed leg (part 3). Connect the other 3 legs accordingly.
- Attaching correct legs using supplied fasteners and tightening with supplied Allen key.

3. Fixing Mounting Brackets

- Use the rail to mark centre fixing points on the wall. Ensure fixing points are level.
- Drill a hole for the screws and insert nylon plug into tiled wall (if applicable). You may use alternative screws to suit the application. Installer MUST use a diamond head drill bit. Ensure electrical mounting bracket is positioned at the wiring connection leg.
- For concealed wiring installation, drill a larger hole (12mm) for the electrical cable in the correct position.
- For Exposed Wiring Installation, attach the exposed wiring mounting bracket using a countersunk screw.

4. Electrical Connections

4a. Concealed Wiring Installation

- Remove the leg where the electrical supply is connected.
- Connect the power cable to the towel rail, ensuring the pins matching up correctly and then tighten the screw cap.
- Slide the exposed/concealed wiring leg over the electrical cable and fix the leg in place using the small machine

screws and a Philips screw driver.

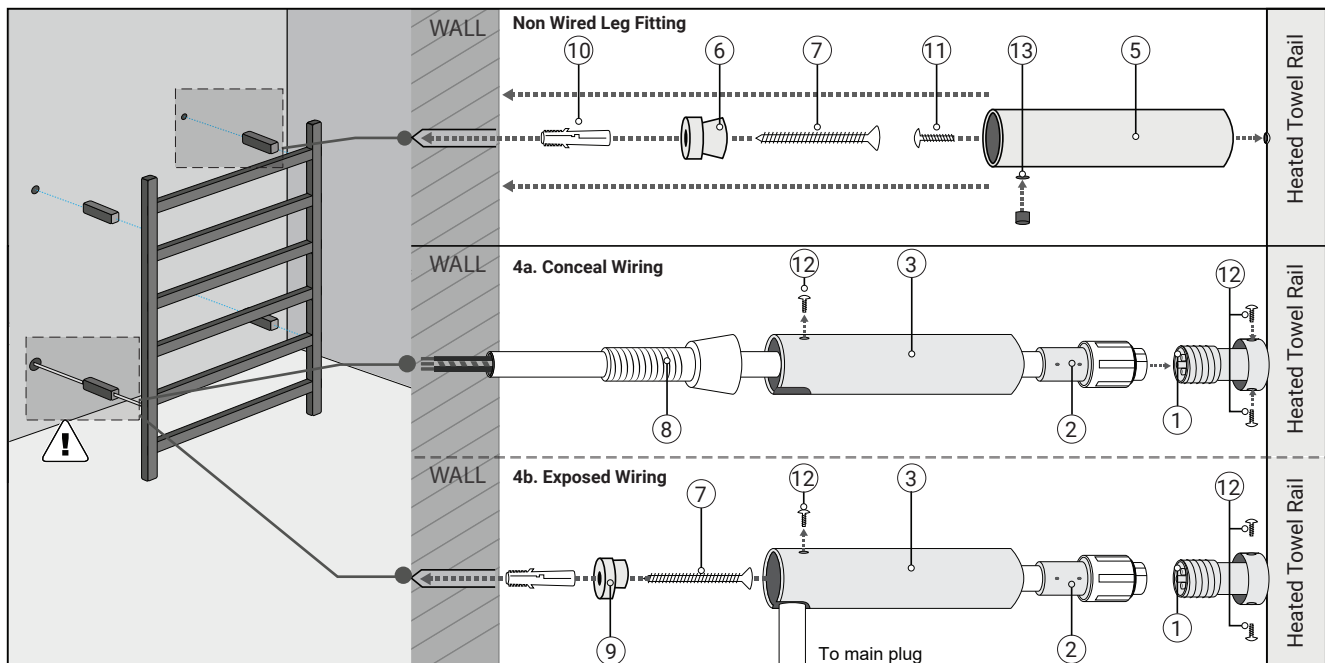
- Cut the cable at desired length for mains supply connection.
- Slide the concealed wiring sleeve (part 8) over the exposed end of the cable.
- Ensure the main power is switched off before attempting to carry out any electrical work.
- Connect to the mains supply in accordance with your local electrical regulations. Do not strip ends bare.
- Insert the concealed wiring leg into the hole in the wall.

4b. Exposed Wiring Installation

- Remove the leg where the electrical supply is connected.
- Connect the power cable to the towel rail, ensuring the pins matching up correctly and then tighten the screw cap.
- Slide the exposed/concealed wiring leg over the electrical cable and fix the leg in place using the small machine screws and a Philips screw driver.
- Remove the rubber ring in the cut-out section of the leg.
- Push the cable into the cut-out section and slide the black rubber ring on the cable to cover the cut-out.

5. Fix the electric heated towel rails to the wall

- Fit the heated towel rail to the mounting brackets installed on the wall. You may need assistance to hold the rail in place.
- For the three non-wired mounts, tighten using the grub screws and the Allen key provided. In the wired position, secure using a small machine screw and a cross head screw driver.



CARE & MAINTENANCE

Wiping with a soft cloth and a mild cleaning detergent. Damages caused by an improper treatment is not covered by the product warranty.

WARRANTY

Please refer to our Warranty Terms on <https://www.arova.com.au/pages/warranty>