

# ladder towel radiator

## the BR range

The Dimplex BR range creates a new generation of stylish multi purpose bathroom radiators.

Higher output models provide an ideal combination of room heating with efficient drying of towels and other fabrics. These versatile heaters are supplied ready for electric use, but may also be connected to a water central heating system with the electric element available for use when the boiler is off.

## Range features

- Ladder design maximises capacity for hanging damp towels and clothes.
- Slim vertical design to maximise use of wall space even in confined areas.
- No external controls.
- Built-in over temperature cut-out.
- Sealed, liquid filled design for maintenance free use.
- Provided with inlet/outlet plumbing connections – no expensive adaptors needed.
- Choice of models in white or chrome finish.
- Compatible with Dimplex towel rail energy regulators DX4123/ DX4124 (dependent on model). See page 43 for details.
- IPX4 rated for bathroom use.



Model BR350



Model BR250

# technical specifications

## Controls

No external controls. Built-in temperature limiter and overheat protection. Suitable for connection to external thermostats or timers, in accordance with IEE regulations.

## Finish

White powder coated or chrome plated.

## Construction

Sealed, liquid filled steel shell. Water based fluid with glycol frost/corrosion inhibitor. Vertical mounted immersion element.

## IP Rating

Splash-proof IPX4 for bathroom use.

## Installation

Supplied with wall mounting points and brackets.

## Electrical Connection

1 metre of electrical cable pre-fitted. Cable entry at base of left header tube. Installations must be in accordance with current IEE wiring regulations.

## Installation to Radiator Circuit

Installation must be in accordance with manufacturers instructions. Liquid is drained by removing bungs to inlet/outlet connections (1/2" BSP fittings). Connect to radiator circuit (electric element remains in situ). Radiator refilled from radiator circuit and bled using valve concealed below top right header cap. Electrical connection as electric only installation.

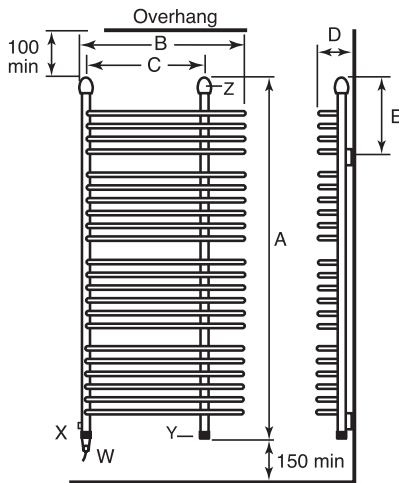
## Operation when part of Radiator Circuit

When the central heating system is in use the appliance will act as a normal radiator. Out of season or when the boiler is not in use the radiator may be operated independently by switching on the electric element. In use expansion of water must be guaranteed through return connection. Return connection should be left open to ensure this.

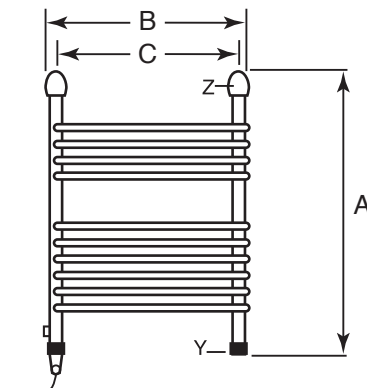


Water inlet connection

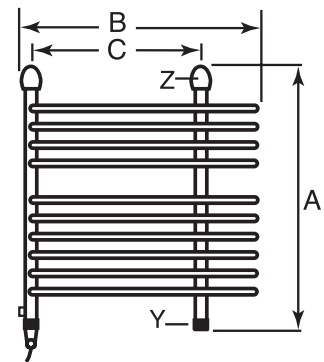
## Main and Fixing Dimensions



Clearances and fixing centres (all models)



BR150W BR150C BR200C BR350C



BR250 BR400 BR500

### Note: Please refer to tables below for no. of rails.

W = electrical element cable termination X = water inlet (flow) connection

Y = water outlet (return) connection Z = bleed valve

Model No.	BR150W	BR150C	BR200C	BR250	BR350C	BR400	BR500
No. of Rails	10	10	10	10	10	10	10
Output (Electric)*	150W	150W	200W	250W	350	400W	500W
Approx Output (Water)*	320W	320W	475W	525W	750W	840W	1050W
A	665mm	665mm	665mm	665mm	1003mm	1003mm	1345mm
B	430mm	430mm	630mm	630mm	630mm	630mm	630mm
C	385mm	385mm	603mm	447mm	603mm	447mm	447mm
D	155mm	155mm	155mm	155mm	155mm	155mm	155mm
E	268mm	268mm	268mm	268mm	268mm	268mm	268mm
Finish	White	Chrome	Chrome	White	Chrome	White	White
Weight	6.5kg	6.5kg	8kg	9kg	13kg	15kg	20kg

\*For BTU output multiply by 3.412