

Tredegar Ornate Cast Iron Radiator

An ornate three-column radiator · 760 mm · 180 W per section



Illustrative image. Section count and finish may differ from your order.

The Tredegar, named after Tredegar House, is an ornate three-column radiator with scrolled relief. It is the highest-output decorative pattern in our range.

At 180 W per section it heats large principal rooms, country house drawing rooms, ballrooms and halls from a sensible length of wall, while keeping the decorative character those rooms demand.

Height and output

The Tredegar is made in a single 760 mm height, which suits most walls beneath and between windows. Three columns and 250 mm deep, it gives the most heat per metre of any decorative pattern we supply.

Boilers and heat pumps

Outputs are published at $\Delta T50$, which suits a conventional boiler. At the $\Delta T30$ typical of a heat pump each section gives about half its rated output, so size each radiator at the temperature the system will actually run at. The mass of cast iron suits long, steady, low-temperature running.

Finishes

Primer is the usual choice on conservation work: the radiator arrives ready to be painted on site, so it can match the room's joinery or a historic scheme in the same paint system. Lead time is typically 14 days.

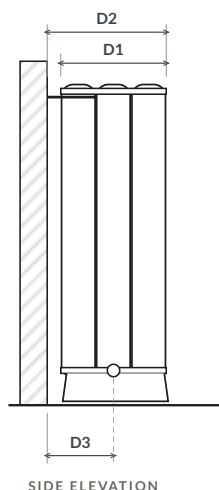
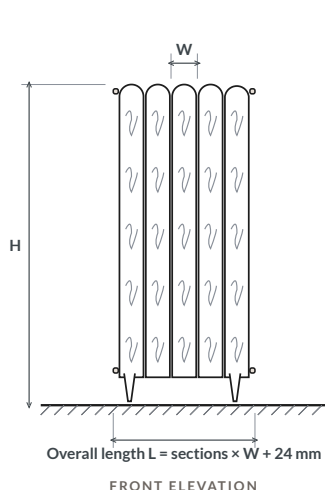
Factory colour arrives finished and ready to fit, typically in two to three weeks. Choose from our standard colour range; we will send the colour chart on request.

Do not powder coat. Powder coating invalidates the guarantee.

At a glance

Pattern	Three-column, scrolled relief
Height	760 mm on integral feet
Depth	250 mm (three columns)
Output	180 W per section at $\Delta T50$
Sections	3 to 30 per radiator; factory built up to 15
Test standard	Outputs to BS EN 442
Pressure	6 bar working, 7.8 bar test
Connections	$\frac{1}{2}$ " BSP standard; $\frac{3}{4}$ " or 1" on request
Mounting	Integral feet and wall ties as standard
Finish	Primer for site painting, or a factory colour
Guarantee	10 years against manufacturing defects

Tredegear Ornate Cast Iron Radiator



KEY · ALL DIMENSIONS IN mm

- H** Height on integral feet
760 mm
- W** Section width
78 mm
- D1** Depth of radiator
250 mm
- D2** Wall to front face
282 or 292* mm
- D3** Wall to pipe centre
157 or 167* mm

* depends on wall tie / bracket used - schematic, not to scale

Data by height

Height on feet H (mm)	Section width W (mm)	Output per section ΔT50 (W)	Output per section ΔT30 (W)	Dry weight per section (kg)	Water content per section (L)	Max factory- built sections	Tuscan code
760	78	180	92.7	12.50	3.00	15	TR-76

Radiator output by number of sections

Sections	Overall length L (mm)	Output ΔT50 (W)	Output ΔT30 (W)
4	336	720	371
6	492	1,080	556
8	648	1,440	742
10	804	1,800	927
12	960	2,160	1,112
15	1,194	2,700	1,390
20	1,584	3,600	1,854

Any number of sections from 3 to 30. Outputs to BS EN 442 at 75/65/20 °C. W 78.

Correction

Mean ΔT	Factor
ΔT30	0.515
ΔT35	0.629
ΔT40	0.748
ΔT45	0.872
ΔT50	1.000
ΔT55	1.132
ΔT60	1.267

Multiply ΔT50 output by the factor. Exponent n = 1.3.

Mounting and fixing

- Integral feet and wall ties are supplied as standard.
- Radiators over the factory-built limit are joined on site.
- Bottom opposite-end connections: add 24 mm to L for the bushes; top and bottom same end: add 12 mm plus valves.
- Allow ±2 mm tolerance per section; set valve tails once the radiator is on site.
- Closed heating systems only. Flush and dose with inhibitor to BS EN 12828 and BS 7593.
- Valves sold separately: Kentwell and Chartwell angled valve sets.

Model specification clause

Cast iron radiators: Tuscan Foundry Products Tredegear ornate cast iron radiator, three-column scrolled relief pattern, outputs tested to BS EN 442.

Height: 760 mm on integral feet.

Depth: 250 mm. Sections: ; overall length mm.

Output: W at ΔT50 / W at design ΔT.

Finish: factory primer for site painting or factory colour .

Connections: ½" BSP with plugs, bushes and air vent. Working pressure 6 bar.

Valves: Tuscan Foundry Kentwell / Chartwell angled valve set, finish .

Install to manufacturer's instructions. Do not powder coat.

Send us room heat losses and we will prepare a radiator schedule: section counts, lengths and outputs at boiler and heat pump temperatures. Call 0333 987 4452.