

Edwardian 6 Column Cast Iron Radiator

The deepest plain column radiator, 221 mm · four heights, 485 to 960 mm



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

The Edwardian 6 column is a deep, plain column radiator: six columns and 221 mm of cast iron give the most heat per metre of wall in our range.

That makes it the radiator to reach for where wall space is short, rooms are large or a heat pump will run the system at low temperatures. The plain Edwardian pattern suits kitchens, large reception rooms, schoolrooms and halls.

Choosing a height

The 485 mm height fits beneath window boards. The 660 and 760 mm heights suit most rooms. The 960 mm height gives 197 W per section at $\Delta T50$, the highest output per section in the plain ranges.

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.

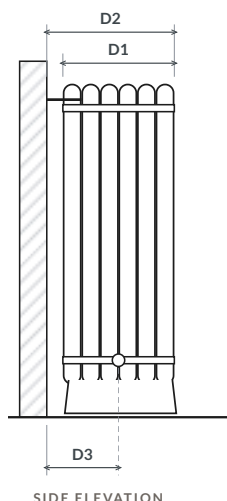
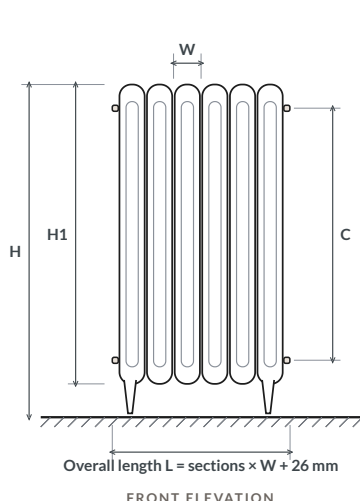
Factory colour arrives finished and ready to fit, typically in two to three weeks. Choose from our standard colour range; we will send the colour chart on request.

Do not powder coat. Powder coating invalidates the guarantee.

At a glance

Pattern	Plain six-column, Edwardian
Heights	485, 660, 760 and 960 mm on integral feet
Depth	221 mm (six columns)
Output	95.3 to 197 W per section at $\Delta T50$
Sections	3 to 30 per radiator; factory built up to 17 (15 at 760 mm, 10 at 960 mm)
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 with wall ties as standard; wall-hung to order
Finish	Primer for site painting, or a factory colour
Guarantee	10 years against manufacturing defects

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KEY · ALL DIMENSIONS IN mm

H	Height on integral feet 485 · 660 · 760 · 960 mm
H1	Height wall-hung (no feet) 425 · 600 · 700 · 900 mm
C	Tapping centres, top to bottom 350 · 500 · 600 · 800 mm
W	Section width 60 mm
D1	Depth of radiator 221 mm
D2	Wall to front face 253 or 263* mm
D3	Wall to pipe centre 142.5 or 152.5* mm

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

Data by height

Height on feet H (mm)	Height wall-hung H1 (mm)	Tapping centres C (mm)	Section width W (mm)	Output per section $\Delta T50$ (W)	Output per section $\Delta T30$ (W)	Dry weight per section (kg)	Water content per section (L)	Max factory-built sections	Tuscan code
485	425	350	60	95.3	49.1	5.80	0.85	17	E6-49
660	600	500	60	133	68.5	7.74	1.20	17	E6-66
760	700	600	60	151	77.8	9.92	1.40	15	E6-76
960	900	800	60	197	101.5	13.90	1.50	10	E6-96

Radiator output by number of sections

Sections	Overall length L (mm)		Height H (mm)			
	W 60		485	660	760	960
4	266		381	532	604	788
6	386		572	798	906	1,182
8	506		762	1,064	1,208	1,576
10	626		953	1,330	1,510	1,970
12	746		1,144	1,596	1,812	2,364
15	926		1,430	1,995	2,265	2,955
20	1,226		1,906	2,660	3,020	3,940

Any number of sections from 3 to 30. Outputs to BS EN 442 at 75/65/20 °C. All heights W 60.

Correction

Mean ΔT	Factor
$\Delta T30$	0.515
$\Delta T35$	0.629
$\Delta T40$	0.748
$\Delta T45$	0.872
$\Delta T50$	1.000
$\Delta T55$	1.132
$\Delta T60$	1.267

Multiply $\Delta T50$ output by the factor. Exponent $n = 1.3$.

Mounting and fixing

Sections	Feet (floor-standing)	Brackets (wall-hung)
3 to 17	2, one at each end	4
18 to 20	2, one at each end	6
21 to 30	3 (odd) or 4 (even)	6

- Floor-standing on integral feet with wall ties as standard.
- Wall-hung version must be specified when ordering, at no extra cost.
- Radiators over the factory-built limit are joined on site.
- Bottom opposite-end connections: add 26 mm to L for the bushes; top and bottom same end: add 13 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 Edwardian 6 column cast iron radiator, plain pattern, outputs tested to BS EN 442.

Height: 485 / 660 / 760 / 960 mm on integral feet or wall-hung on brackets.

Depth: 221 mm. Sections: ; overall length mm.

Output: W at $\Delta T50$ / 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.