

# Nouveau Cast Iron Radiator

Art Nouveau scrollwork on every section · 760 and 954 mm



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

The Nouveau carries flowing Art Nouveau scrollwork in relief on every section: a decorative radiator for rooms where the radiator is meant to be seen.

It belongs in reception rooms, halls and staircases of late Victorian and Edwardian houses, and in interiors where the original decorative scheme survives. Two columns and 203 mm deep, it is built to the length you need.

## Choosing a height

The 760 mm height suits most walls beneath and between windows. The 954 mm height gives 151 W per section at  $\Delta T50$  for halls, stair walls and tall rooms.

## 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.

## At a glance

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Pattern       | Two-column, Art Nouveau scroll relief                          |
| Heights       | 760 and 954 mm on integral feet                                |
| Depth         | 203 mm (two columns)                                           |
| Output        | 121 and 151 W per section at $\Delta T50$                      |
| Sections      | 3 to 31 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; factory colours to order             |
| Guarantee     | 10 years against manufacturing defects                         |

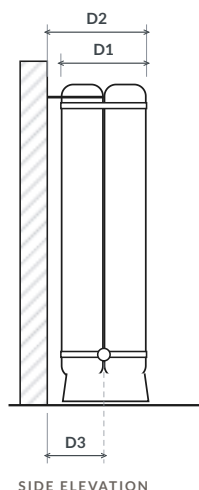
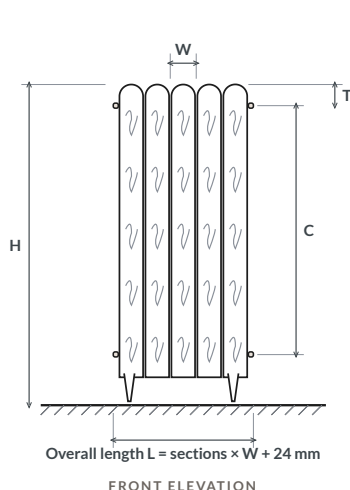
## Finishes

**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 colours** and special finishes are available to order and quoted on request. Ask us for the colour chart.

*Do not powder coat. Powder coating invalidates the guarantee. Inset image illustrative, 954 mm height.*





KEY · ALL DIMENSIONS IN mm

- H** Height on integral feet  
760 · 954 mm
- C** Tapping centres, top to bottom  
590 · 795 mm
- T** Top of radiator to top tapping  
50 mm
- W** Section width  
76 mm
- D1** Depth of radiator  
203 mm
- D2** Wall to front face  
235 or 245\* mm
- D3** Wall to pipe centre  
134 or 144\* mm

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

### Data by height

| Height on feet<br>H (mm) | Tapping centres<br>C (mm) | Section width<br>W (mm) | Output per section<br>ΔT50 (W) | Output per section<br>ΔT30 (W) | Dry weight<br>per section (kg) | Water content<br>per section (L) | Max factory-<br>built sections | Tuscan<br>code |
|--------------------------|---------------------------|-------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------|
| 760                      | 590                       | 76                      | 121                            | 62.3                           | 11.00                          | 2.60                             | 15                             | N-76           |
| 954                      | 795                       | 76                      | 151                            | 77.8                           | 13.70                          | 3.30                             | 15                             | N-95           |

### Radiator output by number of sections

| Sections | Overall length L (mm) |  | Height H (mm) |       |
|----------|-----------------------|--|---------------|-------|
|          | W 76                  |  | 760           | 954   |
| 4        | 328                   |  | 484           | 604   |
| 6        | 480                   |  | 726           | 906   |
| 8        | 632                   |  | 968           | 1,208 |
| 10       | 784                   |  | 1,210         | 1,510 |
| 12       | 936                   |  | 1,452         | 1,812 |
| 15       | 1,164                 |  | 1,815         | 2,265 |
| 20       | 1,544                 |  | 2,420         | 3,020 |

Any number of sections from 3 to 31. Outputs to BS EN 442 at 75/65/20 °C. Both heights W 76.

### 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 Nouveau cast iron radiator, Art Nouveau scroll relief pattern, outputs tested to BS EN 442.

Height: 760 / 954 mm on integral feet.

Depth: 203 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.