

## Cast-iron radiators as individual as your home

To suit every application,  
from a restoration project  
to a new build.



# Cast Iron Radiators



# AEL Victoriana

[www.aelheating.com](http://www.aelheating.com)

**AEL**  
HEATING SOLUTIONS

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product  
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EN 442

CAD  
Drawing format compatible with AutoCAD  
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6 Column 485mm height 10 section



6 Column 655mm height 18 section



A variety of sizes to choose from  
with an optional integral cast  
foot section as shown below



RV4/475

RV4/655

RV4/762

RV4/955

RV6/485

RV6/655

RV6/762

RV6/960



The background of the advertisement is a photograph of a room with a rustic, historical feel. It features a large window with grey curtains, a long cast iron radiator positioned below the window, and a wooden floor. The ceiling has exposed dark wooden beams. The overall lighting is warm and soft.

# AEL Victoriana

## CAST IRON RADIATORS

AEL Victoriana traditional central heating radiators are the ideal choice for Victorian and other older-style properties. Manufactured in sectional columns, they add a touch of period authenticity and a special kind of warmth and comfort that only genuine cast-iron can provide.

### **As individual as your home**

From the tall and slim hallway radiator to the short and squat window seat, the sectional column concept enables AEL Victoriana radiators to be assembled to meet your individual requirements. With an extensive selection of sizes we can build a radiator to suit every application, from a restoration project to a new build. Radiators are supplied with a comprehensive range of brackets and mountings to give you total fixing flexibility.

### **Optional Painted Finishes**

The Victoriana radiator range is supplied in a primer finish as standard or in an optional specified RAL colour.

A colour swatch brochure with a choice of over 200 colours is available and can be viewed on the home page of our website [www.aelheating.com](http://www.aelheating.com) or it can be posted out to you by contacting our head office Tel: 01928 579068. Please note, for a professional finish cast iron radiators should always be powder coated at a low bake .

### **Sizing and selection**

The seven Victoriana cast iron radiator models offer the choice of 6 heights , ranging from as low as 475mm up to 960mm, and 2 depths of 144mm (4 column) and 221mm (6 column).

Each Victoriana section is 60mm wide and will provide different heat outputs according to the height and depth.

The depth of each section is determined by the number of columns from front to back and the length of the radiator is determined by the number of sections required to be joined to provide the heat for the room.

AEL Victoriana cast iron radiators can be installed in lengths of up to 60 sections (3.6m) but because of the weight and size of cast iron it is more practical to supply radiators assembled in ten section lengths, so if a 20 section radiator was ordered it would arrive as two tens with one join made on site.



## AEI Victrolana Technical Data per Section.

Radiator Ref:	RV4/475	RV4/655	RV4/762	RV4/995	RV6/485	RV6/655	RV6/762	RV6/960
Number of columns	4 cols	4 cols	4 cols	4 cols	6 cols	6 cols	6 cols	6 cols
Foot section Height mm	475 mm	655 mm	762 mm	955 mm	485 mm	655 mm	762mm	960 mm
Deduct -58mm (+ - 3mm) off the height shown above if the radiators are to be wall mounted								
Depth mm	144 mm	144 mm	144 mm	144 mm	221 mm	221 mm	221mm	221 mm
Width mm	60 mm	60 mm	60 mm	60 mm	60 mm	60 mm	60mm	60 mm
Litres per section	0.67	0.89	.96	1.16	.80	1.22	1.35	1.5
Tapping Centres mm	315	500	602	800	350	500	602	800
Output W @ 60°C dt	79	110.8	127.8	158.4	119	160.5	187.4	233
@ 56°C dt	72.3	101.3	120.5	144.3	109	146.7	171.3	212.7
@ 50°C dt	62.4	87.4	100.8	124.9	94.1	126.6	147.8	184.1

**Correction Factors** Example: Water Temp IN 82°C:Temp OUT 71°C:AV Mean Temp 76.5°C:Room Amb Temp 20°C = Δ 56 °C

Δ °C	0	1	2	3	4	5	6	7	8	9
30	0.47	0.49	0.51	0.53	0.55	0.56	0.58	0.60	0.62	0.64
40	0.66	0.68	0.70	0.72	0.74	0.76	0.78	0.80	0.83	0.85
50	0.87	0.89	0.91	0.93	0.96	0.98	1.00	1.02	1.04	1.07
60	1.09	1.11	1.13	1.16	1.18	1.20	1.23	1.25	1.27	1.30



Integral foot  
Standard



Top Retaining Stays  
(included)



Joining nipples  
(included)



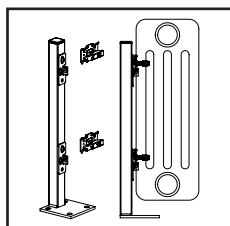
Air vent & tapping bushes  
(included)



Powder coat paint finish  
(optional)



Wall bracket  
(optional)



Free standing pillar  
brackets (optional)



Joining Key  
(optional)



Radiator valves  
(optional)



Antique brass feed  
pipe & shroud x2 set  
(optional)

### A selection of fittings & feet available shown above

AEI Victrolana Radiators are supplied complete with all fittings including feet. If the required radiator exceeds 10 sections, a joining key will need to be purchased. **Wall mounting brackets are also available.** All dimensional drawings of radiators and valves for pre installing pipework can be viewed on our website [www.aelheating.com](http://www.aelheating.com)

**European Standard EN442** was brought into force to define "heat measurement sampling" for hot water radiators in all European countries, a positive step forward to ensuring radiators tested and approved will provide the stated heat output required and also give a guarantee that the product will be fit for purpose.

**EN442** provides a guarantee that the stated output of radiators from reputable manufacturers is correct and highlights and deters the use of poor quality untested radiators in European installations.

# AEI

HEATING SOLUTIONS

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AEI reserve the right to alter designs and specifications without prior notice

Plate Heat Exchanger Packages	Gas fired Condensing Boilers	Cast Iron Sectional Boilers	High Output Tubular Aluminium Radiators	Steel Radiators	Designer Bathroom Radiators	<b>Corgi Approved Engineers</b>
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Victrolana  
Cast Iron Radiators