



# Tuscan

FOUNDRY PRODUCTS LTD

## *Radiator Product Guide*

VICTORIAN • NOUVEAU • TUBOR • ELECTRAD • VALVES • ACCESSORIES



# Introduction

For beauty and simplicity cast iron radiators cannot be beaten. In the traditional or contemporary setting using cast iron radiators to heat a home is energy efficient and environmentally friendly. Cast iron is effective in spreading and retaining heat evenly for a much longer period of time than other materials.

What's more sustainability is built in, with an expected lifespan in excess of 100 years, it can be melted down and re-used.

The origins of the cast iron radiator can be traced right back to the early 18th century, although it was not until 1863 when Robert Briggs and Joseph Nason



designed a system using vertical wrought iron tubes, that was later adapted by Nelson H Bundy to what we more commonly know as a cast iron radiator using the "Bundy Loop".

Since 1893 when Edward Richards joined the family business, we have been developing, manufacturing and supplying cast iron heating and drainage products. Today the modern replica radiator has very little difference from the early ones, in fact many of the patterns have been copied from the originals, so you are assured of a tried and tested product with period authenticity to boot.

# The Victorian

The Victorian cast iron radiator replicated from a 19th Century English pattern and manufactured in Europe to modern exacting standards, is an ideal choice for both period and contemporary settings.

Adding the touch of period authenticity that only genuine cast iron can provide, the clean lines and the versatility offered by the sectional column concept enable the 9 Victorian radiator models to meet your individual requirements.

The Victorian radiator has been used throughout the UK and Internationally for both domestic and commercial projects. Frequently specified the Victorian offers something for architects designers and clients alike, whether your requirements are led by design practicality, ease of installation or whole life span.

Victorian models are supplied fully assembled in units up to 10 sections. For lengths in excess of 600mm (10 sections), the radiators can easily be assembled into longer units at the point of installation. For full technical specification see page 5.

Each radiator is supplied complete with fixing kit, including; plugs, bushes and vents with a choice of 1/2" (15mm) or 3/4" (22mm) BSP connections, wall stays and feet. An extensive range of hand-made valves, feet, wall stays and air valves are also available, see pages 10 and 11.

The Victorian range is supplied in a primer finish as standard. Coloured finishes to your requirements can be achieved with our Radicol paint finish system utilising 100's of colours from the RAL colour range, see pages 14 and 15.

- 9 Different Models in 5 heights.
- Suitable for all normal domestic and commercial heating applications.
- Supplied complete with fixing kit and installation guide.
- Delivery from stock 3-4 working days(next day also available).
- Choice of 100's of colours.

*Traditional Elegance*



## Accessorise your radiators

Other types of valves are available as well as different finishes to suit your own personal taste - turn to our **valves & accessories** on page 10 and our colour section on page 14 to choose your accessories.



Brass Buckingham Lockshield and Valve



Chrome Highgrove Lockshield and Thermostatic Valve

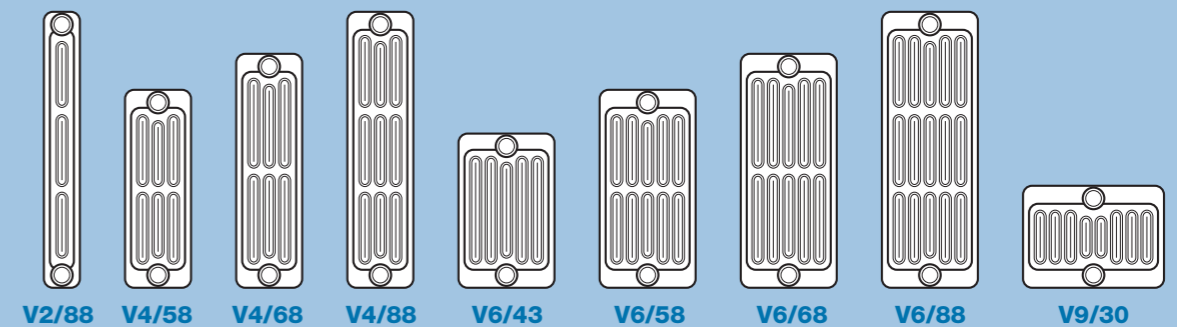
## Tuscan Foundry Products

For further radiator accessories, rainwater products, rooflights, towel rails please visit our website [www.tuscanfoundry.com](http://www.tuscanfoundry.com)

## The Victorian Specifications

The 9 models of The Victorian range enable you to specify a heating solution for almost any application. Supplied assembled in 10 sections, additional sections or blocks of sections can be added on site to provide for any room heat requirement.

Full specification data, is available from our sales office or at [www.tuscanfoundry.com/technical](http://www.tuscanfoundry.com/technical)



## Single Section OUTPUTS/DIMENSIONS (ALL SECTIONS ARE 60mm, 2.36" WIDE)

MODEL NO		V2/88	V4/58	V4/68	V4/88	V6/43	V6/58	V6/68	V6/88	V9/30
<b>No of Columns</b>		<b>2</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>9</b>
Section	mm	880	580	680	880	430	580	680	880	300
Height	ins	34.65	22.83	26.77	34.65	16.93	22.83	26.77	34.65	11.81
Section	mm	70	146	146	146	225	225	225	225	340
Depth	ins	2.75	5.75	5.75	5.75	8.86	8.86	8.86	8.86	13.29
Section	kgs	4.70	6.10	6.70	8.80	6.90	9.10	10.40	13.40	7.60
Weight	lbs	10.36	13.45	14.77	19.40	15.21	20.06	22.93	29.54	16.75
Water	Lts	0.52	0.71	0.78	0.94	0.78	1.00	1.16	1.43	1.03
Content	gals	0.11	0.15	0.17	0.20	0.17	0.22	0.25	0.31	0.22
Tapping	mm	800	500	600	800	350	500	600	800	220
Centres	ins	31.50	19.69	23.62	31.50	13.78	19.69	23.62	31.50	8.66
Heat Output	watts	97	108	127	163	118	158	179	233	127
per section	Btu/h	330	368	434	556	402	540	610	795	434

Maximum delivered length 10 sections. larger sections are available by joining on site.

# The *Art* Nouveau

For period properties and traditional styles, The Nouveau and Art Nouveau from Tuscan Foundry are the perfect heating solutions providing modern comfort heating in a traditional style. Their scrolled relief pattern and Victoriana looks transform The Nouveau and Art Nouveau from a humble radiator to room centrepiece.

# French Flair

The Nouveau and Art Nouveau are perfect for both new heating systems and for replacing outdated radiators, and can be used in conjunction with other forms of heating.

The Nouveau and Art Nouveau are available in two heights, which fit neatly below standard dado rail positions. Radiators are supplied to site in units up to 10 sections. For lengths in excess of 10 Sections, further sections can be easily assembled into longer units at the point of installation. For full technical specification see page 7.

Each radiator is supplied complete with fixing kit, including; plugs, bushes and vents with a choice of 1/2" (15mm) or 3/4" (22mm) BSP connections, wall stays and feet. An extensive range of hand-made valves, wall stays and air valves are also available, see pages 10 and 11.

The Nouveau and Art Nouveau are supplied with a primer finish, complementing most colour schemes. Coloured finishes to your requirements can be achieved with our Radical paint finish system utilising 100's colours from the RAL colour range, see pages 14 and 15.

The Nouveau and Art Nouveau radiators carry a 10 year guarantee against manufacturing defects.

- 2 heights to fit neatly below standard dado.
- Suitable for all normal domestic and commercial heating applications.
- Supplied complete with fixing kit and installation guide.
- Finished as standard in an attractive gunmetal primer (Nouveau). Other colours available.



## Accessorise your radiators

Other types of valves are available as well as different finishes to suit your own personal taste - turn to our **valves & accessories** on page 10 and our colour section on page 14 to choose your accessories.



Brass Plated Balmoral Lockshield and Valve



Chrome Highgrove Lockshield and Thermostatic Valve

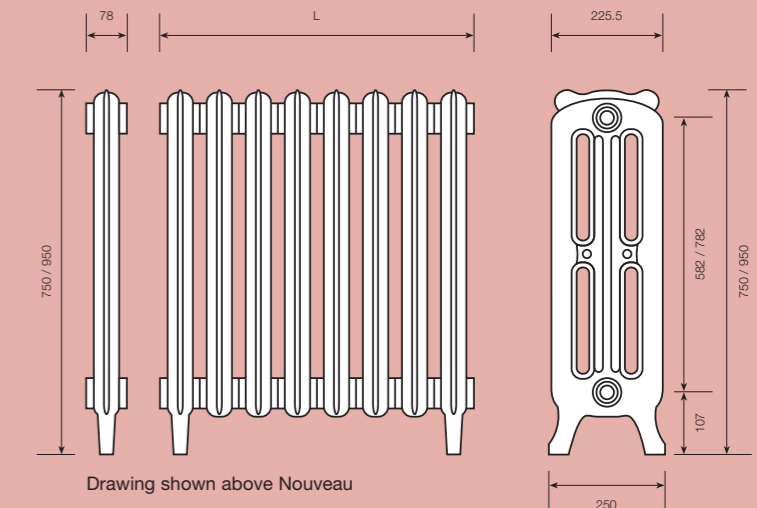
## Tuscan Foundry Products

For further radiator accessories, rainwater products, rooflights, towel rails please visit our website [www.tuscanfoundry.com](http://www.tuscanfoundry.com)

## The Nouveau and Art Nouveau's Specifications

With two heights available, The Nouveau and Art Nouveau enables the specifier to provide a heating solution for almost any application. Supplied assembled in 10 sections, additional blocks or sections can be added on site to provide for any room heat requirement.

Full specification data, is available from our sales office or at [www.tuscanfoundry.com/technical](http://www.tuscanfoundry.com/technical)



## Single Section OUTPUTS/DIMENSIONS

	Nouv 75	Nouv 95	Art 760	Art 960
<b>No of Columns</b>	3	3	2	2
<b>Section Height (+ feet)</b>	750mm	950mm	760mm	954mm
<b>Section Depth</b>	250mm	250mm	203mm	203mm
<b>Section Width</b>	78mm	78mm	76mm	76mm
<b>Output Watts per Section</b>	182.5	231.2	155	182
<b>Output BTU's per Section</b>	623	788	529	620

# The Tubor

For the architect and the interior designer, the radiator has always been a problem. The product's inherent nature, its appearance, shape, size and colour limitations, have invariably meant that creative compromise has been necessary.

## Modern Classics

Rarely could a room be designed in which aesthetics and heating requirements lived together really perfectly. There was always a degree of sacrifice necessary on one side or the other. Now that's all changed.

With Tubor, Tuscan have created a radiator concept that delivers the best of all possible worlds. Here is a radical, new range of radiators that not only set new standards in manufacturing excellence and performance but are also capable of actually enhancing the design process by virtue of their appearance and versatility.

And that applies anywhere from homes to sports complexes, from public buildings to community centres.

The beauty of Tubor radiators comes from the fact that they are manufactured using laser welding, the only technology that guarantees maximum precision, and finished in a high quality white paint finish. (Other colours to order).

The Tubor Radiator range is incredibly versatile. The number of design variations in height, width and depth are vast.

You can choose from 2 to 6 column radiators in heights from 300 to 2500mm. Radiators are painted in two stages for optimum durability, resistance to aggressive agent attack and to ensure that their outstanding appearance lasts for decades.

Radiators are supplied ready for installation, pre-welded at the factory and delivered in sets from 2 to 30 sections, in lengths from 92 to 1380mm. Each section has a nominal width of 46mm.

Every Tubor steel radiator is fully guaranteed for 5 years from the date of installation and from all defects caused by faulty materials or workmanship.



### Accessorise your radiators

Other types of valves are available as well as different finishes to suit your own personal taste - turn to our **valves & accessories** on page 10 and our colour section on page 14 to choose your accessories.



Windsor Lockshield and Wooden Handwheel Valve



Chrome Belgravia Cross Handled Lockshield and Valve

### Tuscan Foundry Products

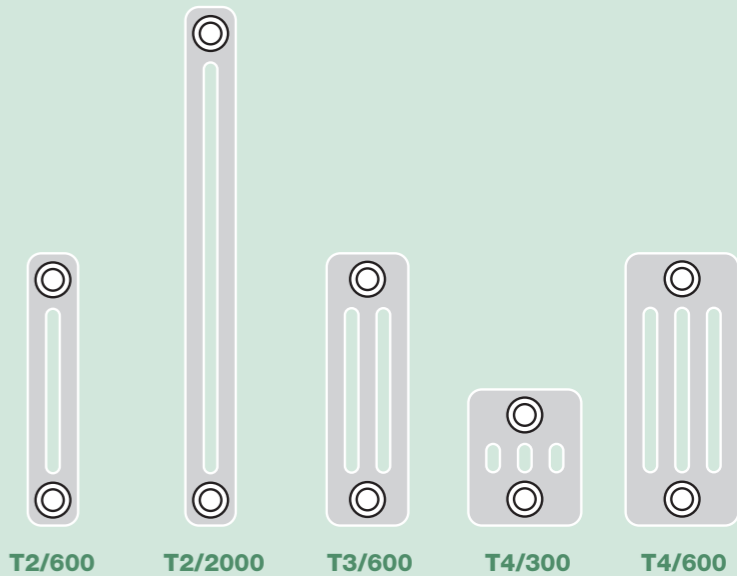
For further radiator accessories, rainwater products, rooflights, towel rails please visit our website [www.tuscanfoundry.com](http://www.tuscanfoundry.com)

### The Tubor Specifications

- Standard sizes available from stock
- Special sizes to order.
- Choice of 2,3,4, column models. 5 & 6 available on request.
- High quality white paint finish.
- Painted colours to order.
- Supplied ready for installation, including reducers, wall straps and air valve.

Full specification data, is available from our sales office or at [www.tuscanfoundry.com/technical](http://www.tuscanfoundry.com/technical)

Other sizes of the Tubor are also available



### Steel Radiator Selector (SECTIONS 92mm to 1380 Wide, All Widths are 46mm Wide)

NO OF COLUMNS	Height (mm)	Length (mm)	Sections (No.)	Watts	BTU/h	Kg	Litre
2	600	598	13	706	2408	13.52	7.67
2	600	782	17	923	3149	17.68	10.03
2	600	1012	22	1195	4076	22.88	12.98
2	600	1196	26	1412	4817	27.04	15.34
2	600	1380	30	1629	5558	31.20	17.70
2	2000	276	6	1069	3648	20.88	9.90
2	2000	368	8	1426	4864	27.84	13.20
2	2000	460	10	1782	6080	34.80	16.50
3	600	598	13	976	3332	20.54	11.18
3	600	782	17	1277	4357	26.86	14.62
3	600	1012	22	1653	5638	34.76	18.92
3	600	1196	26	1953	6664	41.08	22.36
4	300	598	13	691	2359	14.17	8.84
4	300	782	17	904	3085	18.53	11.56
4	300	1012	22	1170	3992	23.98	14.96
4	300	1472	30	1702	5807	34.88	21.76
4	600	598	13	1277	4359	27.69	14.69
4	600	782	17	1671	5700	36.21	19.21
4	600	1012	22	2162	7376	46.86	24.86
4	600	1196	26	2555	8718	55.38	29.38

# Valves & Accessories

Manufactured in our own Brass Workshop, Beauty, Authenticity and Functionality are all terms associated with the Tuscan Foundry range of radiator valves and accessories.

# Turn it on!

Hand Made in solid brass, the Empire, Union, Traditional and Easiclean are reproduced in our factory from originals of the 1920's and 1930's. Being made in Great Britain we have ensured they are manufactured to the highest standards.

All of our thermostatic valves incorporate a unique internal mechanism which allows for full closure of the valve, by turning the handwheel fully clockwise, and a reverse flow capability with an approximate range of between 5 and 30 degrees centigrade (dependent on installation conditions).

The Buckingham, Windsor & Highgrove are also solid brass hand made radiator valve and lockshield sets. Copied from the original Union and Empire, but made to a smaller size, they offer the same quality and excellent value.

All of our valves are available as standard or thermostatic option, giving the specifier and client the beauty of the original period style with the flexibility required from a modern heating system.

In addition to the valves and lockshields Tuscan Foundry offer an extensive range of hand-made wall stays, air valves, feet and pipe shrouds.

All of our hand made valves and accessories are available in polished brass, nickel or chrome.



## Tuscan Valves & Accessories

- Hand made in Great Britain to an extremely high standard
- Available as thermostatic or standard options
- Unique Reverse flow capability and full manual shut off on thermostatic valves.
- Polished Brass, Nickel or Chrome finishes available on all hand made ranges.



Traditional Lockshield and Union Wooden Handwheel Valve



Easiclean Lockshield and Empire Wooden Handwheel Valve



Easiclean Lockshield and Empire Thermostatic Valve



Windsor Lockshield and Wooden Handwheel Valve



Chrome Highgrove Lockshield and Thermostatic Valve



Brass Buckingham Lockshield and Valve



Chrome Richmond Lockshield and Wooden Handwheel Valve



Chrome Belgravia Cross Handled Lockshield and Valve



Brass Plated Balmoral Lockshield and Valve



Brass Air Valve



Brass Pipe Shields



Radiator Feet



Brass Wall Stay



Wall Strap

Tuscan Foundry Products - For other Tuscan Foundry products please visit our website [www.tuscanfoundry.com](http://www.tuscanfoundry.com)

# The Electrad

The ElectRad system from Tuscan Foundry offers the ability to have any of our range of traditional cast iron radiators run from the electrical system, rather than from a standard hot water system.



# Clever Conversion

**Adding the touch of period authenticity, but allowing traditional radiators to be installed in almost any situation, without the need to alter pipework, requiring no plumbing or attaching to your existing system. The ElectRad system incorporates a heating element, so they really can be installed anywhere for maximum convenience.**

ElectRads are available for Victorian, Nouveau, Art Nouveau and Tubor ranges, with thermostatic control and heat-outputs up to 2kw.

Applications for the ElectRad range include conservatories, loft conversions, hotels, offices, listed building, museums and many more. ElectRad radiators can be used in locations

where the installation of a traditional wet plumbed system would be impractical or cause disruption to the existing building fabric.

ElectRad radiators require no pipework and can be plugged directly into a standard wall socket or hard wired into your electrical system (please consult a qualified electrician for specific application advice). The perfect solution for that period look, with the convenience of electrification.

To discuss your requirements or for more advice on this to our range, please contact our sales office.

- *Can be installed in almost any location.*
- *No need to alter pipework or plumbing.*
- *Can be plugged straight into a standard 13amp socket. (Please consult an electrician for specific application advice)*
- *Available for Victorian, Nouveau, Art Nouveau and Tubor ranges.*



Providing extensive technical support for it's product range, Tuscan Foundry Products will help you select the right products for your project.

# Specifications

**With our many years experience in producing products for the heating and plumbing industry, Tuscan Foundry Products offers something for architects, designers and clients alike, whether your requirements are led by design practicality, ease of installation or whole life span.**

Whether choosing from the Victorian, Art Nouveau, or Tubor radiators, or from the extensive range of valves and accessories, you can be assured of products to meet your exacting specifications.

Assisting you with specifying the correct product we have an online room heat calculator program at: [www.tuscanfoundry.com/heatscale.asp](http://www.tuscanfoundry.com/heatscale.asp) or you can discuss you requirements over the telephone with one of our experienced technical staff.

We also have an extensive range of printed output charts, that can be downloaded or posted for you to make your own calculations.

- *Online Heatscale calculator, for radiator sizing.*



- *Heat requirement calculations taken from site plans.*
- *Printed output charts available online or by post.*
- *Radical- RAL colour chart selection*
- *Full technical support online or by phone*

Technical help & support  
0800 174 093

# Radicol

The Tuscan Radicol system, allows the choice of 100's of colours (including metallic) from the RAL paint range, so whether you are the client, interior designer, contractor or architect we can provide the ideal alternative to on site paint finishing.

## Pick and Mix

Since 1893 when Edward Richards set up the business, we have been involved in many 1000's of building and interior renovation projects. Over the years we have come to realise the importance of quality, timing and consistency to our customers.

For many years radiators were supplied and delivered to site in a white or grey primer finish only. This meant many hours of on site preparation and finishing, with no control over consistency and final finish.

After extensive research of the heating market we realised that we could provide factory finishing in controlled conditions that would vastly speed up on site installation. In 2001 we launched the Radicol paint finish system.

The Radicol paint finishing system utilises the most modern paint finishing techniques and facilities, with a range of traditional and contemporary colours (including metallic finishes), achieving a consistent high quality finish every time.

The Radicol system allows radiators to be supplied direct to site, saving time on site and speeding up on site installation time.

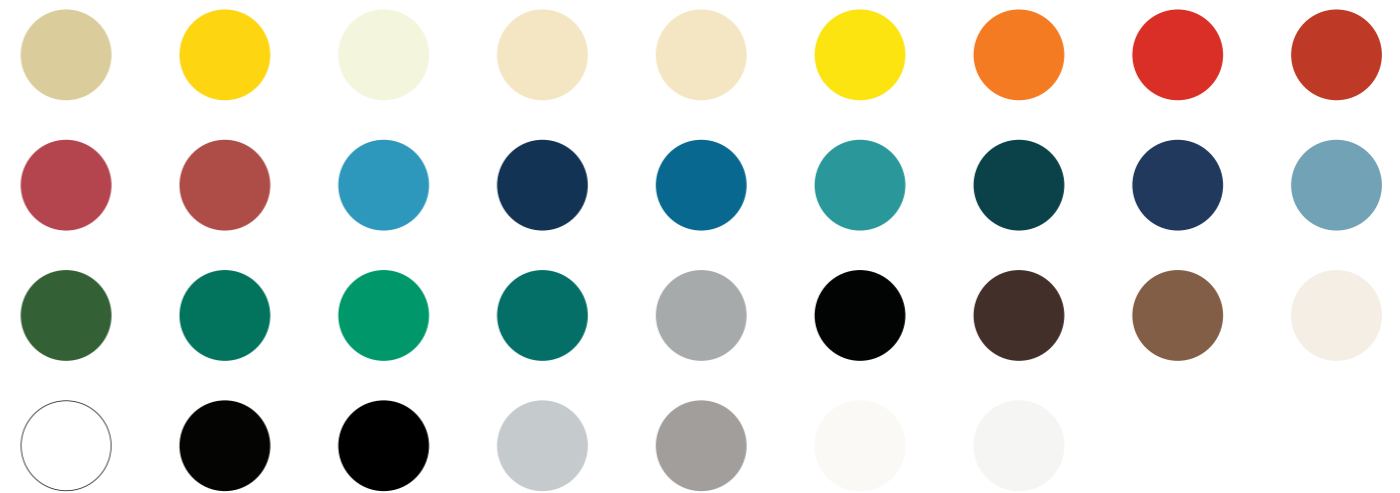
Using the Radicol system you will have control of the costs, colour and consistency before the project starts, so no hidden surprises.

- 40 standard colours and the availability of 100's from the RAL colour range
- Traditional and contemporary colours, including metallic finishes.
- Consistent high quality finish.
- Delivery to site 14 – 21 days
- No painting on site, saving expensive labour costs and speeding up installation.
- Fast delivery times throughout the UK.

# Paint & Colour Finishes

Tuscan  
**RADICOL**  
RADIATOR COLOUR SYSTEM

Utilising the most modern paint finish techniques, with a range of traditional and contemporary colours the Radicol system offers speed and high quality consistency for every project.



### Flexibility of choice is what Tuscan's Radicol paint finish system offers with 100's of different colours to choose from.

Whether you are the architect, specifier, contractor or client choosing the Radicol paint finish enables you to get the correct look to your heating radiators.

What's more, with the correct choice of colour and radiator accessories you can make a traditional radiator look great in both traditional and contemporary room settings, just think of black and chrome together.

Utilising the Radicol paint system, you have the benefits associated with a traditional cast iron radiator without the hassle of on-site painting

Unlike some modern uninteresting radiators we try to hide, our range of radiators become features in any room, with this in mind specifying the correct colour finish is all the more important.

The Radicol paint finishing system from Tuscan Foundry offers the benefits of modern paint finish technology

combined with beauty of traditional cast iron radiators.

A Radicol-RAL colour swatch is available with a small returnable deposit from our sales office.





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