

Supplies4Heat



CORNEL Curved
Specification Form

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The process for specifying your curved CORNEL is very simple, however it is important to be accurate with any dimensions to ensure your radiator is built correctly – there will be opportunity to double check all figures against technical drawings before finalising the order.

Please follow the 6 simple steps below and when you have completed them send your design form (last page) to your preferred merchant. Once they have all your details they will send to us to prepare technical drawings for you to check and approve. Once approved, in writing, we will confirm your order to the merchant and start production of your radiator. Your radiator will then be delivered direct to your merchant, 6 weeks from order confirmation. Direct deliveries to site are available at a cost, please call us on 01342 306880 for more information.

Step 1.

Work out the BTU output required to heat your room.

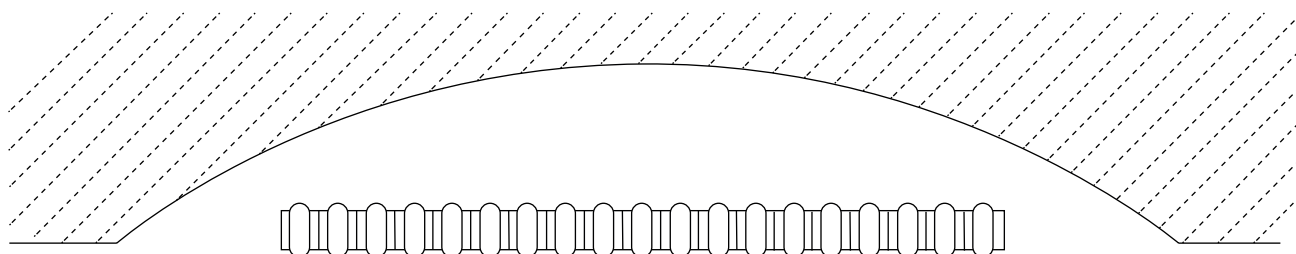
To do this you will need to have details to hand of the room height, width and depth, as well as the type of window glazing (single or double). Use our online Heat Output Calculator (scan right) or visit www.supplies4heat.co.uk/heat-output-calculator as a guide or ask your installer to work it out for you.



Step 2.

Work out the size of radiator needed to deliver the correct output for your room.

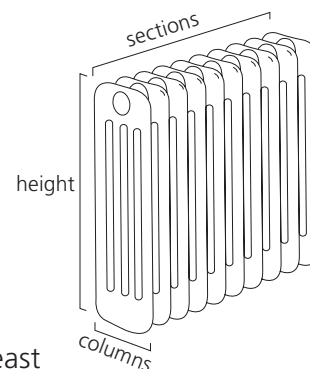
You only need to tell your merchant the size of the straight radiator you require, they will work out the bending profile using the 2 measurements you provide (see step 3). Your straight radiator plus valves (allow an extra 80-120mm on your width) must be at least 100mm shorter than the width of your bay (known as the Chord). Please note you may require more than one radiator to heat your room.



**Work out the size of your straight radiator
minimum of 10 sections and maximum of 40 sections**

When making curved radiators we can use 2, 3 or 4 column sections, in heights of 500mm and 600mm with wall brackets as standard, welded feet are optional and if you choose to have them please remember to add an extra 97mm to your height.

Follow the instructions on our website to find the right size for you using these sections if you can. If you require a different section size please contact your merchant to discuss your options.



Please consider the height of your window sill when choosing your section, allow at least 40mm gap between the sill and the top of your radiator, this will not only be more aesthetic but assist with air circulation and heat distribution.

Valves will be required and they add approximately 80-120mm to the overall width of a radiator.

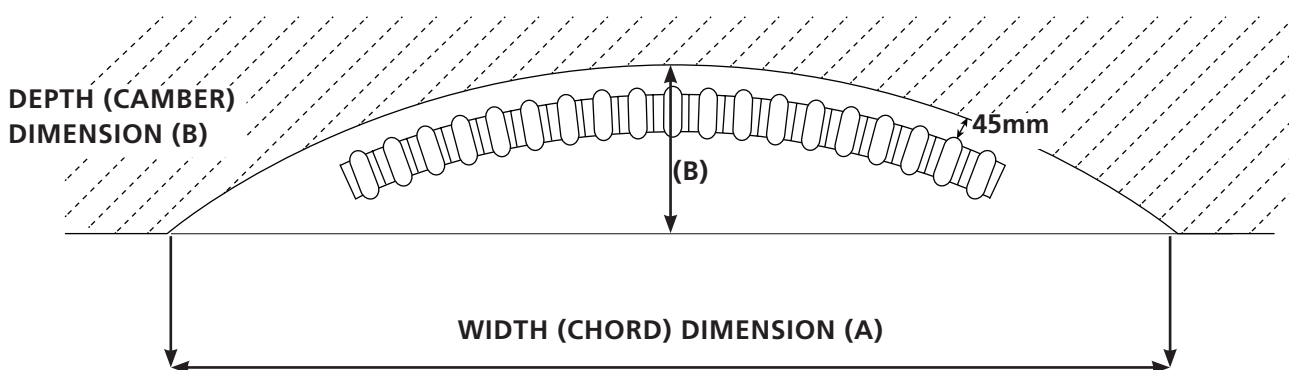
Column profiles



Example



Step 3. Measure your Internal Curves.



- A. Measure the width of the bay (this is called the **Chord, Dimension (A)** shown above)
- B. From the centre of the bay measure the distance to the wall (known as the **Camber, Dimension (B)** shown above)

Please note

In order to calculate the radius of the radiator we assume a distance of 45mm between the wall and the back of the radiator. In addition to curve a radiator the internal radius must be a minimum of 1000mm for 2 and 3 column radiators and 1300mm for 4 column radiators. Your merchant will contact you if there are any issues in achieving the correct curve for your dimensions.

Step 4.

Complete the design form (at the end of this document) with your measurements, outputs and radiator sizes. Send them to your merchant and remember to keep a copy for your records.

Step 5.

We will review your details and prepare technical drawings of your radiators, which we will send to your merchant for them to pass on to you to check and approve – please ensure your contact details are on the form in case we need to call you to discuss the details of your radiator.

Step 6.

Review and approve your drawings (or comment as required), return a signed copy to your merchant.

Before confirming your order please consider the access available on your site, you will need to ensure the radiator can be moved into the building without difficulty. Curved radiators need careful handling and should not be carried like a stretcher, radiators should always be carried in an upright position (handling and fittings instructions will be supplied at a later date). Once the merchant has a signed copy of your technical drawing they will confirm your order and we will put your radiator into production.

Your curved radiator will be delivered to your merchant, 6 weeks from order confirmation.

Direct deliveries to site are available at a cost, please call us on 01342 306880 for more information.

Your Name:			
Address:			
Your Phone Number :	Home:	Mobile:	
Merchant / Showroom			
Merchant Contact:			
Merchant Tel Number:			
Room Reference:			
Output Required: (Δt 50°C)	BTU's:	Watt's:	
Column:	2 Column: <input type="checkbox"/>	3 Column: <input type="checkbox"/>	4 Column: <input type="checkbox"/>
No. of sections:			Length of radiator (mm):
Section Height (mm):	500: <input type="checkbox"/>	600: <input type="checkbox"/>	Welded feet: Yes <input type="checkbox"/> No <input type="checkbox"/>
Colour RAL or Special Finish:			
Dimension (A); width (the Chord) (mm):			
Dimension (B); depth (the Camber) (mm):			
Date:	Signature:		

Please return this form to your merchant
Please call us if you require any assistance on 01342 306880.