



## RAPID HEATING CHAMBER FURNACE - RWF

**The RWF rapid wire chamber furnaces are available in three chamber sizes with maximum operating temperatures of 1100 °C or 1200 °C.** The free radiating wire elements in combination with low thermal mass insulation are designed to provide rapid thermal response within the chamber.

## STANDARD FEATURES

- | 1100°C or 1200°C maximum operating temperature
- | 5, 13 or 23 litre chamber volumes
- | Ambient to 1000°C in as little as 10 minutes
- | Rapid thermal response from free radiating coiled wire elements
- | Low thermal mass insulation for high energy efficiency
- | Programmable EPC3016P1 controller
- | Vertical lift door keeps heated surface away from the user
- | Soft closing door protects the thermal insulation
- | Hard wearing hearth



## OPTIONS (*SPECIFY THESE AT TIME OF ORDER*)

- | A range of sophisticated digital controllers, multisegment programmers and data loggers with digital communication options is available - more information about controllers
- | Over-temperature protection (recommended to protect valuable contents & for unattended operation)



## TECHNICAL DETAILS (MODELS)

	<b>RWF 11/5</b>	<b>RWF 11/13</b>	<b>RWF 11/23</b>
<b>Max temp (°C)</b>	1100	1100	1100
<b>Heat-up time (mins)</b>	10	11	13
<b>Max continuous operating temp (°C)</b>	1000	1000	1000
<b>Dimensions:</b>			
<b>Internal H x W x D (mm)</b>	130 x 160 x 250	195 x 210 x 325	220 x 260 x 400
<b>Dimensions:</b>			
<b>External H x W x D (mm)</b>	595 x 375 x 495	670 x 435 x 608	715 x 505 x 680
<b>Dimensions:</b>			
<b>External with door open H x W x D (mm)</b>	810 x 375 x 540	915 x 435 x 675	1000 x 505 x 765
<b>Volume (litres)</b>	5	13	23
<b>Max power (W)</b>	2750	5000	9100
<b>Holding power (W)</b>	680	1200	1800
<b>Thermocouple type</b>	K	K	K
<b>Weight (kg)</b>	28	45	65

	<b>RWF 12/5</b>	<b>RWF 12/13</b>	<b>RWF 12/23</b>
<b>Max temp (°C)</b>	1200	1200	1200
<b>Heat-up time (mins)</b>	12	13	15
<b>Max continuous operating temp (°C)</b>	1100	1100	1100
<b>Dimensions:</b>			
<b>Internal H x W x D (mm)</b>	130 x 160 x 250	195 x 210 x 325	220 x 260 x 400
<b>Dimensions:</b>			
<b>External H x W x D (mm)</b>	595 x 375 x 495	670 x 435 x 608	715 x 505 x 680
<b>Dimensions:</b>			
<b>External with door open H x W x D (mm)</b>	810 x 375 x 540	915 x 435 x 675	1000 x 505 x 765
<b>Volume (litres)</b>	5	13	23
<b>Max power (W)</b>	2750	5000	9100
<b>Holding power (W)</b>	820	1450	2100
<b>Thermocouple type</b>	R	R	R
<b>Weight (kg)</b>	28	45	65

**Please note**

- Heat up rate is measured to 100°C below max, using an empty chamber
- Holding power is measured at continuous operating temperature
- Maximum power and heat up times based on a 240V supply
- The uniform volume is smaller than the total chamber volume

[www.carbolite.com/rwf](http://www.carbolite.com/rwf)