



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)

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

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