JERD 30-3000°C

1000

Laboratory Chamber Furnaces

RWF - Rapid Heating 29 Chamber Furnaces

The RWF rapid wire chamber furnaces are available in three chamber sizes with maximum operating temperatures of 1100 °C or 1200 °C.

up to 1200 °C

2000

3000

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
- Carbolite Gero 301 controller, with single ramp to setpoint & process timer
- 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 fast response & energy efficiency
- NEW Soft closing parallel action door keeps heated • surface away from the user
- Hard wearing hearth

Options (specify these at time of order)

- A range of sophisticated digital controllers, multi-segment programmers and data loggers is available. These can be fitted with RS232, RS485 or Ethernet communications (see pages 94-97)
- Over-temperature protection (recommended to protect valuable contents & for unattended operation)

8 18 080 RWF 12/5

GERO

Heat-up and cool down rates



Technical data

CG H Model	Max. temp. [°C]	Heat-up time [mins]	Max. continuous operating temperature [°C]	Dimensions: Internal H x W x D [mm]	Dimensions: External H x W x D [mm]	Dimensions: External with door open H x W x D [mm]	Volume [litres]	Max. power [W]	Holding power [W]	Thermocouple type	Weight [kg]
RWF 11/5	1100	10	1000	130 x 160 x 250	585 x 375 x 325	800 x 375 x 325	5	2750	680	К	28
RWF 11/13	1100	11	1000	195 x 210 x 325	655 x 435 x 610	905 x 435 x 610	13	5000	1200	К	45
RWF 11/23	1100	13	1000	220 x 260 x 400	705 x 505 x 675	990 x 505 x 675	23	9100	1800	К	65
RWF 12/5	1200	12	1100	130 x 160 x 250	585 x 375 x 485	800 x 375 x 485	5	2750	820	R	28
RWF 12/13	1200	13	1100	195 x 210 x 325	655 x 435 x 610	905 x 435 x 610	13	5000	1450	R	45
RWF 12/23	1200	15	1100	220 x 260 x 400	705 x 505 x 675	990 x 505 x 675	23	9100	2100	R	65

(i) Please note:

Heat up time is measured to 100 °C below max, using an empty chamber - Holding power is measured at continuous operating temperature

Maximum power and heat up time based on a 240 V supply

- The uniform volume is smaller than the total chamber volume



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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.





