

The CWF laboratory chamber furnaces range of general purpose furnaces is supplied in three sizes, each available with a maximum operating temperature of either 1100°C, 1200°C or 1300°C.

## Standard features

- 1100°C, 1200°C or 1300°C maximum operating temperature
- 5, 13 or 23 litre chamber volumes
- Up & away door keeps heated surface away from the user
- Carbolite 301 controller with single ramp to setpoint and process timer
- Delayed start / process timer function as standard
- Hard wearing alumina element carriers, furnace entrance & hearth
- Energy efficient low thermal mass insulation
- Free radiating wire wound elements for optimum uniformity
- Easy access to elements & controls simplifies maintenance & servicing

CWF 11/13



## Options (specify these at time of order)

- Over-temperature protection (recommended to protect valuable contents & for unattended operation)
- 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 88-91)
- A variety of retorts & modifications are available for working with modified atmospheres

## Technical data

Model	Max temp (°C)	Heat-up time (mins)	Max continuous operating temp (°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)	Temperature uniformity of ± 5°C within H x W x D (mm)	Volume (litres)	Max power (W)	Weight (kg)
<b>CWF 11/5</b>	1100	30	1000	135 x 140 x 250	585 x 375 x 485	800 x 375 x 485	85 x 90 x 110	5	2400	30
<b>CWF 11/13</b>	1100	80	1000	200 x 200 x 325	655 x 435 x 610	905 x 435 x 610	120 x 120 x 185	13	3100	47
<b>CWF 11/23</b>	1100	40	1000	235 x 245 x 400	705 x 505 x 675	990 x 505 x 675	155 x 165 x 285	23	7000	68
<b>CWF 12/5</b>	1200	35	1100	135 x 140 x 250	585 x 375 x 485	800 x 375 x 485	85 x 90 x 125	5	2400	30
<b>CWF 12/13</b>	1200	65	1100	200 x 200 x 325	655 x 435 x 610	905 x 435 x 610	120 x 120 x 200	13	3100	47
<b>CWF 12/23</b>	1200	45	1100	235 x 245 x 400	705 x 505 x 675	990 x 505 x 675	155 x 165 x 325	23	7000	68
<b>CWF 13/5</b>	1300	40	1200	135 x 140 x 250	585 x 375 x 485	800 x 375 x 485	85 x 90 x 150	5	2400	30
<b>CWF 13/13</b>	1300	80	1200	200 x 200 x 325	655 x 435 x 610	905 x 435 x 610	120 x 120 x 225	13	3100	47
<b>CWF 13/23</b>	1300	55	1200	235 x 245 x 400	705 x 505 x 675	990 x 505 x 675	155 x 165 x 340	23	7000	68