

Carbolite CWF Chamber Furnaces



Carbolite CWF chamber furnaces incorporate two free radiating coiled wire elements mounted in hard wearing high quality ceramic liners situated on either side of the chamber. As a result, these furnaces reach working temperature in approximately 50% of the time required by a traditional covered element "muffle" design, saving time and using less power.

- Parallel lift door with 'soft' close
- Chamber sizes are 5, 13, and 23L with maximum temperatures of 1100, 1200, or 1300°C
- Flexibility through 3 sizes, 3 maximum temperatures & several temperature controllers/temperature programmers
- Supplied with P301 controller; other controller options are available - please contact us for pricing and further information



Specifications			
Capacity, L	5	13	23
External Dims, w x, d x h, mm	375 x 485 x 585	435 x 610 x 655	505 x 675 x 705
Internal Dims, w x d x h, mm	140 x 250 x 135	200 x 325 x 200	245 x 400 x 235

Code	Alt Ref	Model	Max Temp, °C	Capacity, L	Price
FUR1205	CWF1105-230SN-02-301	CWF 11/05	1100	5	£2662.00
FUR1207	CWF1113-230SN-02-301	CWF 11/13	1000	13	£3197.00
FUR1209	CWF1123-230SN-02-301	CWF 11/23	1100	23	£4446.00
FUR1210	CWF1205-230SN-02-301	CWF 12/05	1200	5	£2941.00
FUR1218	CWF1213-230SN-02-301	CWF 12/13	1200	13	£3542.00
FUR1226	CWF1223-230SN-02-301	CWF 12/23	1200	23	£4965.00
FUR1229	CWF1305-230SN-02-301	CWF 13/05	1300	5	£3537.00
FUR1231	CWF1313-230SN-02-301	CWF 13/13	1300	13	£4446.00
FUR1233	CWF1323-230SN-02-301	CWF 13/23	1300	23	£6370.00

Carbolite AAF Ashing Furnaces



Carbolite AAF ashing furnaces are designed to ash materials such as food, plastics, coal and other hydrocarbons with samples burnt rapidly and completely at closely controlled temperatures. The AAF range of furnaces are heated by wire heating elements protected from chemical and mechanical damage by a high quality, hard wearing ceramic "muffle" lining. The heating element design also preheats the air entering the furnace to ensure the optimum thermal uniformity throughout the chamber, even with the constant airflow required to ensure rapid combustion.

- Parallel lift door with 'soft' close
- Pre-heated airflow for temperature uniformity



Model	AAF 11/3	AAF 11/7	AAF 11/18
Capacity, L	3	7	18
Heat Up Time (mins to 100°C below max)	80	110	60
Max Power, W	1750	3900	7250
Ext Dims, l x w x d, mm	580 x 370 x 485	650 x 430 x 740	705 x 505 x 675
Int Dims, l x w x d, mm	85 x 150 x 250	90 x 170 x 455	235 x 1960 x 400
Weight, kg	22	63	70

Code	Alt Ref	Model	Control	Price
FUR1320	AAF1103-230SN-02-301	AAF 11/3	PID 301 controller	£2411.00
FUR1322	AAF1103-230SN-02-3216P1	AAF 11/3	3216PI programmer	£2843.00
FUR1324	AAF1107-230SN-02-301	AAF 11/7	PID 301 controller	£3237.00
FUR1326	AAF1107-230SN-02-3216P1	AAF 11/7	3216PI programmer	£3642.00
FUR1328	AAF1118-230SN-02-301	AAF 11/18	PID 301 controller	£4760.00
FUR1330	AAF1118-230SN-02-3216P1	AAF 11/18	3216PI programmer	£5165.00