

Furnaces

Chamber Furnaces 1100°C, 1200°C, 1300°C

CARBOLITE®

Leading Heat Technology

- ◆ Upward action parallel link door keeps hot face away from the operator
- ◆ Heating elements are spirally wound nickel chrome wire, held in grooves within the insulated wall. These free-radiating, exposed heating elements provide a faster heat up rate than other conventional muffle furnaces
- ◆ Door linked, power cut-off switch for total operator safety
- ◆ Double skin, asbestos-free design provides natural air cooling for a cool outer case and the latest insulation materials ensure maximum thermal efficiency
- ◆ Solid state power switching for smooth reliable control
- ◆ Fitted chimney to remove fumes
- ◆ Zinc coated sheet steel outer case with hard wearing finish

Chamber Furnaces CWF

As described. With controller and chimney. For 230V 50Hz single phase supplies.

With 301PID controller

FX165-09	CWF11/5, 301PID
FX165-13	CWF11/13, 301PID
FX165-19	CWF11/23, 301PID
FX165-23	CWF12/5, 301PID
FX165-28	CWF12/13, 301PID
FX165-34	CWF12/23, 301PID
FX165-49	CWF13/5, 301PID
FX165-52	CWF13/13, 301PID
FX165-55	CWF13/23, 301PID

With 3216P1 Programmer

FX167-06	CWF11/5, 3216P1
FX167-11	CWF11/13, 3216P1
FX167-16	CWF11/23, 3216P1
FX167-21	CWF12/5, 3216P1
FX167-26	CWF12/13, 3216P1
FX167-33	CWF12/23, 3216P1
FX167-41	CWF13/5, 3216P1
FX167-46	CWF13/13, 3216P1
FX167-51	CWF13/23, 3216P1



FX165, FX167 are similar

Maximum temperature 1100°C

Catalogue No.	FX165-09 FX167-06	FX165-13 FX167-11	FX165-19 FX167-16
Model	CWF11/5	CWF11/13	CWF11/23
Temperature Maximum/Continuous °C	1100/1000	1100/1000	1100/1000
Heating time minutes	30 (1000°C)	35 (1000°C)	40 (1000°C)
Volume litres	5	13	23
Dimensions mm	H 135 (585)	200 (655)	235 (705)
Internal	W 140 (375)	200 (435)	240 (505)
(External)*	D 250 (485)	325 (610)	400 (675)
Weight kg	30	47	68
Rating, maximum kW	2.4	3.1	7

Maximum temperature 1200°C

Catalogue No.	FX165-23 FX167-21	FX165-28 FX167-26	FX165-34 FX167-33
Model	CWF12/5	CWF12/13	CWF12/23
Temperature Maximum/Continuous °C	1200/1100	1200/1100	1200/1100
Heating time minutes	55 (1100°C)	65 (1100°C)	80 (1100°C)
Volume litres	5	13	23
Dimensions mm	H 135 (585)	200 (655)	235 (705)
Internal	W 140 (375)	200 (435)	245 (505)
(External)*	D 250 (485)	325 (610)	400 (675)
Weight kg	30	47	68
Rating, maximum kW	2.4	3.1	7

Maximum temperature 1300°C

Catalogue No.	FX165-49 FX167-41	FX165-52 FX167-46	FX165-55 FX167-51
Model	CWF13/5	CWF13/13	CWF13/23
Temperature Maximum/Continuous °C	1300/1200	1300/1200	1300/1200
Heating time minutes	40 (1200°C)	45 (1200°C)	55 (1200°C)
Volume litres	5	13	23
Dimensions mm	H 135 (585)	200 (655)	230 (705)
Internal	W 140 (375)	200 (435)	245 (505)
(External)*	D 250 (485)	325 (610)	400 (675)
Weight kg	30	47	68
Rating, maximum kW	2.4	3.1	7

*External dimensions are with the door closed.

Safety Note

Please check before ordering that the supply current is suitable for the power rating of the furnace.

High Temperature Furnaces

An extensive range of high temperature furnaces are available with maximum temperature capabilities of 1800°C. Standard designs include chamber furnaces with a maximum capacity of 25 litres and tube furnaces with up to 150mm diameter work tubes – details on request.