

Furnaces

Furnaces, CWF

Outstanding performance and reliability is achieved through the integration of modern and traditional materials. The unique design uses twin heating elements situated either side of the chamber to compensate for heat-loss and give superior uniformity of temperature. Hard wearing refractories around the chamber entrance resist everyday wear and tear. When opened, the vertical counter-balanced door is designed to direct heat from its inner surface away from the user. These models are not suitable for ashing work. (Catalogued models require a 240 volt, 50Hz electrical supply, other supplies available on request).

Technical Data			
Volume	5 Litres	13 Litres	23 Litres
Dimensions			
Chamber (mm - H x W x D)	135 x 140 x 250	200 x 200 x 325	235 x 240 x 400
External (mm - H x W x D)	585 x 375 x 485	655 x 435 x 610	705 x 505 x 675
Power Consumption			
Max (kW)	2.40	3.10	7.25
Holding 9kW)			
1100°C.Models			
1200°C.Models	0.70	1.30	1.00
1300°C.Models	0.85	1.55	2.25
	1.00	1.80	2.50
Heat-up time (minutes)*			
1100°C.Models	30	55	40
1200°C.Models	35	65	45
1300°C Models	40	80	55
Weight (kg)			
	30	47	68

CONTROLLERS

*Heat-up time is measured to 100°C below maximum temperature with empty chamber.

Three models are available:

Type 201 A three term MID microprocessor controller with the facility of an adjustable ramp rate to set-point, either up or down. The temperature is displayed by large LED's behind a wipe-clean membrane.

Type 2416CC An advanced set-point temperature programmer with eight segments which may be either ramp, step or dwell.

Type 2408CP As the 2416CC, but with sixteen segments.



Product no	Volume	Max Temp (°C)	Model	Controller
11175/01	5 Litres	1100	CWF 11/5	201
11175/02				2416CC
11175/03				2408CP
11176/01	5 Litres	1200	CWF 12/5	201
11176/02				2416CC
11176/03				2408CP
11177/01	5 Litres	1300	CWF 13/5	201
11177/02				2416CC
11177/03				2408CP
11178/01	13 Litres	1100	CWF 11/13	201
11178/02				2416CC
11178/03				2408CP
11179/01	13 Litres	1200	CWF 12/13	201
11179/02				2416CC
11179/03				2408CP
11180/01	13 Litres	1300	CWF 13/13	201
11180/02				2416CC
11180/03				2408CP
11181/01	23 Litres	1100	CWF 11/23	201
11181/02				2416CC
11181/03				2408CP
11182/01	23 Litres	1200	CWF 12/23	201
11182/02				2416CC
11182/03				2408CP
11183/01	23 Litres	1300	CWF 13/23	201
11183/02				2416CC
11183/03				2408CP