ELF Chamber Furnace 1100°C. 6, 14 Or 23 Liter

An economical furnace designed for light duty and general laboratory work. Low thermal mass insulation and multiple semi-embedded, free radiating wire wound elements in the chamber sides provide efficient heating. Ventilation is via a top-mounted ceramic chimney, but if toxic or corrosive fumes are likely, use of one of our dedicated ashing furnaces or a retort should be considered

Standard Features:

- 1100°C maximum operating temp.
- 6, 14 or 23 litre chamber volumes
- Tilt forward, drop down door, with air gap to minimise external temperature.
- Controller, PID with single ramp to set-point facility • Delayed start & process timer function as standard • Vacuum formed, low thermal mass insulation • Hard ceramic hearth fitted as standard • Ventilated, via top mounted ceramic chimney • Thermocouple type K.

Model	Max. temp (°C)	Heat up time (min)	Dimensions		Temp. uniformity of 5°C within (mm)	Volume (liters)	Max power (W)	Weight (kg)
			Inside (mm)	Outside(mm)			Holding power (W)	
ELF 11/6B	1100	35	H165xW180xD210	H580xW410xD420	H115xW130xD130	6	2000 900	24
ELF 11/14B	1100	40	H210xW220xD310	H630xW450xD520	H130xW140xD220	14	2600 1300	31
ELF 11/23B	1100	29	H235xW255xD400	H715xW505xD690	H665xW455xD610	23	5000 1500	52

CWF Chamber Furnace 1100°C, 1200°C, 1300°C. 5, 13 Or 23 Liter

A modern design is combined with traditional know-how & technology, to provide a robust & reliable furnace. Easy to access replaceable heating modules makes maintenance simple

CWF 12/13/301

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 • PID controller, with single ramp to set-point facility • Delayed start & process timer function • Hard wearing alumina element carriers, entrance & hearth • Energy efficient low thermal mass insulation • Free radiating wire wound elements, pitched for optimum uniformity • Easy access to elements & controls, simplifies maintenance & servicing.

Model	Max temp (°C)	Heat up time (mins)	Dimension		Temp. uniformity of 5°C within (mm)	Volume (litres)	Max power (W)	Thermocouple type	Weight (kg)
			Inside (mm)	Outsidel (mm)			Holding power (W)		
CWF 11/5	1100	30	H135xW140xD250	H585xW375xD485	H85xW90xD110	5	2400 790	K	30
CWF 11/13	1100	80	H200xW200xD325	H655xW435xD610	H120xW120xD185	13	3100 1500	K	47
CWF 11/23	1100	40	H235xW245xD400	H705xW505xD675	H155xW165xD285	23	7000 1900	K	68
CWF 12/5	1200	35	H135xW140xD250	H585xW375xD485	H85xW90xD125	5	2400 850	R	30
CWF 12/13	1200	65	H200xW200xD325	H655xW435xD610	H120xW120xD200	13	3100 1550	R	47
CWF 12/23	1200	45	H235xW245xD400	H705xW505xD675	H155xW165xD325	23	7000 2550	R	68
CWF 13/5	1300	40	H135xW140xD250	H585xW375xD485	H85xW90xD150	5	2400 1000	R	30
CWF 13/13	1300	80	H200xW200xD325	H655xW435xD610	H120xW120xD225	13	3100 1800	R	47
CWF 13/23	1300	55	H235xW245xD400	H705xW505xD675	H155xW165xD340	23	7000 2550	R	68