

The ELF laboratory furnaces comprise three bench mounted models designed for light duty and general use up to 1100 °C.

They have a simple drop down door and a top mounted ceramic chimney. The combination of low thermal mass insulation and free radiating wire elements embedded in the chamber sides provide efficient heating.

### Standard features

- 1100 °C maximum operating temperature
- Carbolite Gero 301 controller with single ramp to setpoint and process timer
- 6, 14 or 23 litre chamber volumes
- Drop down door with air gap to minimise external temperature
- 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

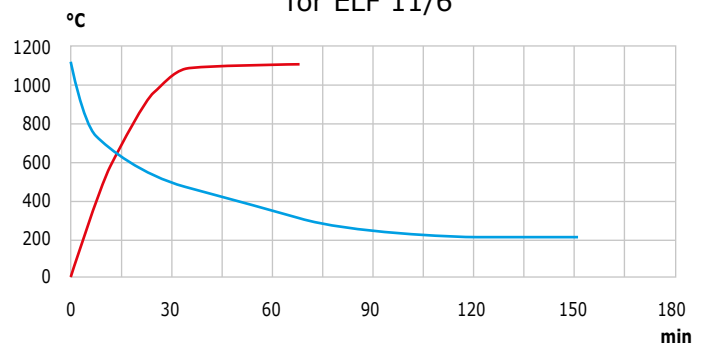


ELF 11/6

### Options (specify these at time of order)

- Over-temperature protection (recommended to protect valuable contents & for unattended operation)

Heat-up and cool down rates for ELF 11/6



### 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]	Temperature uniformity of ±5 °C within H x W x D [mm]	Volume [litres]	Max. power [W]	Holding power [W]	Thermocouple type	Weight [kg]
ELF 11/6	1100	28	1000	165 x 180 x 210	580 x 410 x 420	125 x 140 x 140	6	2000	900	K	24
ELF 11/14	1100	43	1000	210 x 220 x 310	630 x 450 x 520	170 x 180 x 205	14	2600	1300	K	31
ELF 11/23	1100	26	1000	235 x 255 x 400	715 x 505 x 690	195 x 215 x 305	23	5000	1550	K	52

**i** Please note:  
 - Heat up time is measured to 100°C below max, using an empty chamber  
 - Holding power is measured at continuous operating temperature

- External dimensions with door closed and including chimney  
 - The uniform volume is smaller than the total chamber volume



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