

Air Re-circulating Furnaces

750° C Maximum

BAF 750° C - The BAF air re-circulating furnaces provide good temperature uniformity and rapid thermal transfer to the load at lower temperatures.

Applications include annealing, stress relieving, tempering and normalising.

Standard Features:

- | Available in 15, 31 & 45 litre capacities as standard, with larger units made to customer specifications
- | MI heating elements, which are isolated from the liner
- | Stainless steel liner
- | The external case depth dimensions include the rear-mounted motor

Technical Data:

Model	Max Temp (°C)	Max Cont (°C)	Max Chamber Dims (mm) HxWxD	External Case Dims (mm) HxWxD	Chamber Capacity (Litres)	Max Power (Kw)	Volts	Phase	Net Wt. (kg)
BAF7/15	750	700	220x220x305	727x582x770	15	3.0	230V	1	88
BAF7/31	750	700	250x250x500	892x803x865	31	6.0	230V	1	130
BAF7/45	750	700	300x300x500	892x803x865	45	6.0	230V	1	135



BAF7/15

Economy Chamber Furnaces

1100° C Maximum

BCF11 - This model has been developed to meet the basic laboratory needs at economical prices

Standard Features:

- | BCF11 is suitable for light-duty general laboratory work and provides satisfactory performance for many firing applications
- | BCF11/30 & BCF11/45 models come with vertical lift door that keeps heated surface away from the user
- | 3, 8, 15, 30 & 45 litre are available chamber volumes
- | All furnace models are provided with Positive break door safety switch that isolates chamber from power supply when door is open
- | BCF11/3, BCF11/8 & BCF11/15 models come with Drop down door with air gap to minimise the external temperature
- | This furnace comes with a controller having Single ramp & set point and process timer

Options:

- | Over temperature protection controller
- | Multi segment, multi program storage controllers

Technical Data:

Model	Max Temp (°C)	Max Cont (°C)	Max Chamber Dims (mm) HxWxD	External Case Dims (mm) HxWxD	Chamber Capacity (Litres)	Max Power (Kw)	Volts	Phase	Net Wt. (kg)
BCF11/3	1100	1100	90x150x235	490x433x446	3	2.0	230	1	36
BCF11/8	1100	1100	180x190x235	490x433x446	8	2.0	230	1	30
BCF11/15	1100	1100	220x220x310	585x550x510	15	3.0	230	1	62
BCF11/25	1100	1100	250x250x400	780x632x692	25	6.0	230	1	67
BCF11/30	1100	1100	203x305x454	892x803x740	30	5.0	230	1	115
BCF11/45	1100	1100	305x305x454	892x803x740	45	6.0	230	1	120



BCF11/3, BCF11/8 & BCF11/15 with drop down door



BCF11/30 & BCF11/45 with vertical door

Custom Designs For those "one off" specialist requirements Elite's in-house design team is able to work with you on a "one to one" basis to develop a cost effective design solution to meet your specific needs.

Product Quality All Elite Chamber Furnaces are designed and manufactured to meet the highest standards of Quality, Reliability and Operator Safety.