

Laboratory Chamber Furnaces

General Purpose Chamber Furnaces

1200° C Maximum

BCF12 - This model has been developed to meet the General purpose applications

Standard Features:

- | BCF12 is suitable for light-duty general laboratory work and provides satisfactory performance for many firing applications
- | 3, 8, 15, 30 & 45 litre are available chamber volumes
- | Hard ceramic hearth tile is fitted as standard
- | Vertical door keeps heated surface away from the user
- | Positive break door safety switch isolates chamber from power supply when door is open
- | 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)
BCF12/3	1200	1200	90x150x235	675x532x520	3	2.0	230	1	36
BCF12/8	1200	1200	180x190x235	675x532x520	8	2.0	230	1	30
BCF12/15	1200	1200	220x220x310	675x532x520	15	3.0	230	1	62
BCF12/25	1200	1200	250x250x400	780x632x692	25	6.0	230	1	67
BCF12/30	1200	1200	203x305x454	892x803x740	30	5.0	230	1	115
BCF12/45	1200	1200	305x305x454	892x803x740	45	6.0	230	1	120



BCF12/5

General Purpose Chamber Furnaces

1300° C Maximum

BCF13 – The BCF is a fast heating furnace for general purpose use, where clean operating conditions prevail. Good temperature uniformity is achieved by the use of open heating elements retained in low thermal mass chamber wall panels.

Standard Features:

- | Vertical lifting door keeping the hot face of the door away from the operator
- | Positive break door safety switch isolates chamber from power supply when door is open

Options:

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



BCF13/5

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)
BCF13/3	1300	1250	90x150x235	675x532x520	3	2.0	230	1	36
BCF13/5	1300	1250	150x150x200	675x530x520	5	2.0	230	1	41
BCF13/8	1300	1250	180x190x235	675x532x520	8	2.0	230	1	30
BCF13/12	1300	1250	200x200x300	730x580x665	12	3.0	230	1	54
BCF13/15	1300	1250	220x220x310	675x532x520	15	3.0	230	1	62
BCF13/25	1300	1250	250x250x400	780x802x740	25	6.0	230	1	67
BCF13/30	1300	1250	203x305x454	892x803x740	30	5.0	230	1	115
BCF13/42	1300	1250	305x305x450	892x802x740	42	9.0	400	3	117
BCF13/45	1300	1250	305x305x454	892x803x740	45	6.0	400	3	120