

1100°C Lab Box Furnace

Our 1100°C Lab Box Furnaces are available in four popular chamber sizes to meet the most demanding laboratory applications, these furnaces include unique insulation and heating element composites to minimize outer surface temperatures while maintaining uniform heat distribution within the chamber. Our energy efficient design features removable and replaceable Moldatherm® hearth plate and a controlled heat-up rate eliminates thermal shock possibility.



Features

- Moldatherm® insulation with fully embedded heating element
- Air vent (1" dia., top) and air inlet (.375" dia., rear)
- 120 V and 208/ 240V configurations
- Adjustable high limit overtemperature protection (OTP)
- Simultaneous LED display of actual temperature vs. setpoint
- UL, CUL approval pending
- Temperature - 1100°C (2012°F) Maximum

Options

- Programmable temperature controller
- RS485 communications port

Model	Integrated Digital Control	Single Phase Electric Power (Volts, Hz)	Wattage	Interior Dimensions WxF-BxH inches (cm)	Exterior Dimensions WxF-BxH inches (cm)	Shipping Weight lbs. (kg)
BF51748A-1	Digital/OTP	120,50/60	1,800	4 x 8 x 4 (10.1 x 20.3 x 10.1)	15 x 20 x 17.5 (38.1 x 50.8 x 44.4)	55 (25)
BF51748C-1	Digital/OTP	208/240,50/60	1,800	4 x 8 x 4 (10.1 x 20.3 x 10.1)	15 x 20 x 17.5 (38.1 x 50.8 x 44.4)	55 (25)
BF51848A-1	Prog/OTP	120,50/60	1,800	4 x 8 x 4 (10.1 x 20.3 x 10.1)	15 x 20 x 17.5 (38.1 x 50.8 x 44.4)	55 (25)
BF51848C-1	Prog/OTP	208/240,50/60	1,800	4 x 8 x 4 (10.1 x 20.3 x 10.1)	15 x 20 x 17.5 (38.1 x 50.8 x 44.4)	55 (25)
0.1875 Cu.Ft.(5.3 liter) Models						
BF51766A-1	Digital/OTP	120,50/60	1,800	6 x 9 x 6 (15.2 x 22.8 x 15.2)	17 x 21 x 21.5 (43.1 x 53.3 x 54.6)	100 (50)
BF51766C-1	Digital/OTP	208/240,50/60	1,800	6 x 9 x 6 (15.2 x 22.8 x 15.2)	17 x 21 x 21.5 (43.1 x 53.3 x 54.6)	100 (50)
BF51866A-1	Prog/OTP	120,50/60	1,800	6 x 9 x 6 (15.2 x 22.8 x 15.2)	17 x 21 x 21.5 (43.1 x 53.3 x 54.6)	100 (50)
BF51866C-1	Prog/OTP	208/240,50/60	1,800	6 x 9 x 6 (15.2 x 22.8 x 15.2)	17 x 21 x 21.5 (43.1 x 53.3 x 54.6)	100 (50)

Model	Integrated Digital Control	Single Phase Electric Power (Volts, Hz)	Wattage	Interior Dimensions WxF-BxH inches (cm)	Exterior Dimensions WxF-BxH inches (cm)	Shipping Weight lbs. (kg)
0.65 Cu.Ft.(18.4 liter) Models						
BF51794C-1	Digital/OTP	208/240,50/60	3,500	9 x 14 x 9 (22.8 x 35.6 x 22.8)	21 x 25.75 x 26 (53.3 x 65.4 x 66)	130 (59)
BF51894C-1	Prog/OTP	208/240,50/60	3,500	9 x 14 x 9 (22.8 x 35.6 x 22.8)	21 x 25.75 x 26 (53.3 x 65.4 x 66)	130 (59)
1.5 Cu.Ft.(42.5 liter) Models						
BF51728C-1	Digital/OTP	208/240,50/60	5,600	12 x 18 x 12 (30.5 x 45.7 x 30.5)	24 x 30 x 28 (60.1 x 76.2 x 71.1)	185 (84)
BF51828C-1	Prog/OTP	208/240,50/60	5,600	12 x 18 x 12 (30.5 x 45.7 x 30.5)	24 x 30 x 28 (60.1 x 76.2 x 71.1)	185 (84)

Note: All models include 10' power cord except 1.5 cu.ft. models which require customer supplied power cord or hard wiring. All specifications are subject to change without notice.

