

Thermo Scientific Lindberg/Blue M Heavy-Duty 1200°C Box Furnaces

Unique internal construction and outer shell design that reduces external surface temperatures without compromising interior temperature uniformity



- Features individual heating elements at chamber top, bottom and sides for uniform heat distribution
- Unique Moldatherm ceramic fiber insulation to allow rapid heatup, recovery and cooldown rates. Swing-down door provides convenient loading platform
- Helically coiled, high-temperature alloy wire elements for extended service life
- High-temperature insulation in vestibule and floating plug door to minimize heat loss and improve temperature control
- Spring-loaded door holds door securely shut; door rests in horizontal position when open
- Sight glass for convenient observation of heated load during operation
- Refractory plate heating unit
- Long-life Platinel II thermocouple with 10ft. compensated lead wire and polarized plug
- Rugged, heavy-duty Inconel® hearthplate supports load and protects the furnace from damage due to spillage (Model BF51542C)
- Heating element imbedded in Moldatherm insulation (Model BF51542C)

Ordering Information: Choice of controllers available, including 1200°C digital single-program/multiple-segment programmable controller and over-temperature control

Required Accessories: Independent control console CC58114C. Required power cord and hardwiring not included.

Warranty¹: 1 year (parts and labor)

NOT AVAILABLE IN EUROPE

Cat. No.	Capacity	Temp. Range	Interior Dimensions (D x W x H)	Exterior Dimensions (L x W x H)	Description	Electrical	Shipping Weight
BF51442C	9L (0.32 cu. ft.)	100° to 1200°C	35.6 x 19.5 x 13.3cm (14 x 7.5 x 5.25in.)	50.8 x 50.8 x 62.2cm (20 x 20 x 24.5in.)	With refractory plate heating element	208/240V 50/60 Hz 4800w	66kg (145 lb.)
BF51542C	23L (0.81 cu. ft.)	100° to 1200°C	36.8 x 26.7 x 24.1cm (14.5 x 10.5 x 9.5in.)	78.7 x 71.1 x 72.4cm (31 x 28 x 28.5in.)	With Moldatherm Heating Element (Four Sides)	208/240V 50/60 Hz 6200w	152kg (335 lb.)