



Large Chamber Utility Box
Furnace

➤ Blue M

Blue M 1100 C Large Chamber Utility Box Furnace

Blue M Moldatherm® 1100 C 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.

Box Furnace Features

- Energy efficient Moldatherm® insulation with fully embedded heating element
- Unique double-wall construction
- Replaceable Moldatherm® hearth plate
- Available in 120V and 208/240V configuration
- Fuzzy logic super control suppresses temperature overshoot
- UL, CUL approval pending
- Digital 16 Segment Programmable Controller on BF51800 series furnaces
- Fuzzy logic

Options

- RS-485 computer communications port

Blue M 1100 C Large Chamber Utility Box Furnace Specifications

Standard Models

Model	Chamber Dimensions in. (cm)			Chamber Cubic feet	Input kW	Overall Dimensions in. (cm)			Control Mode	Retort Model
	W	D	H			W	D	H		
52341	18 (45.7)	24 (61)	18 (45.7)	4.5	16	61 (154.9)	41 (104.1)	69 (175.3)	Integral	592341
52361	18 (45.7)	36 (91.4)	18 (45.7)	6.75	18	61 (154.9)	53 (134.6)	69 (175.3)	Integral	592361
52641	24 (61)	24 (61)	24 (61)	8	20	67 (170.2)	53 (134.6)	69 (175.3)	Integral	592561
52561	24 (61)	36 (91.4)	18 (45.7)	9	20	67 (170.2)	53 (134.6)	69 (175.3)	Integral	592561
52661	24 (61)	36 (91.4)	24 (61)	12	26	67 (170.2)	53 (134.6)	70 (177.8)	Integral	592661
52681	24 (61)	48 (121.9)	24 (61)	16	32	67 (170.2)	65 (165.1)	70 (177.8)	Integral	592681
52861	36 (91.4)	36 (91.4)	24 (61)	18	34	79 (200.7)	53 (134.6)	70 (177.8)	Integral	592861
52961	36 (91.4)	36 (91.4)	36 (91.4)	27	38	79 (200.7)	53 (134.6)	82 (208.3)	Integral	592961
52981	36 (91.4)	48 (121.9)	36 (91.4)	36	52	79 (200.7)	65 (165.1)	82 (208.3)	Integral	592981

Vertical Lift Door Models

Model	Chamber Dimensions in. (cm)			Chamber Cubic feet	Input kW	Overall Dimensions in. (cm)			Control Mode
	W	D	H			W	D	H	
52341-VLD	18 (45.7)	24 (61)	18 (45.7)	4.5	16	60 (152.4)	49 (124.5)	95 (241.3)	Integral
52361-VLD	18 (45.7)	36 (91.4)	18 (45.7)	6.75	18	60 (152.4)	61 (154.9)	95 (241.3)	Integral
52641-VLD	24 (61)	24 (61)	24 (61)	8	20	66 (167.6)	49 (124.5)	107 (271.8)	Integral
52561-VLD	24 (61)	36 (91.4)	18 (45.7)	9	20	66 (167.6)	61 (154.9)	95 (241.3)	Integral
52661-VLD	24 (61)	36 (91.4)	24 (61)	12	26	66 (167.6)	61 (154.9)	95 (241.3)	Integral
52681-VLD	24 (61)	48 (121.9)	24 (61)	16	32	66 (167.6)	73 (185.4)	95 (241.3)	Integral
52861-VLD	36 (91.4)	36 (91.4)	24 (61)	18	34	78 (198.1)	61 (154.9)	95 (241.3)	Integral
52961-VLD	36 (91.4)	36 (91.4)	36 (91.4)	27	38	78 (198.1)	61 (154.9)	131 (332.7)	Integral
52981-VLD	36 (91.4)	48 (121.9)	36 (91.4)	36	52	78 (198.1)	73 (185.4)	131 (332.7)	Integral

Note: (1)-Approximate dimensions. Retorts are not available on models with vertical lift doors.

Specifications & Product Information is subject to change without notice.

Images for reference only.

Options and accessories may not be included with all models.