

MELLEN

BF BOX FURNACE

GENERAL INFORMATION

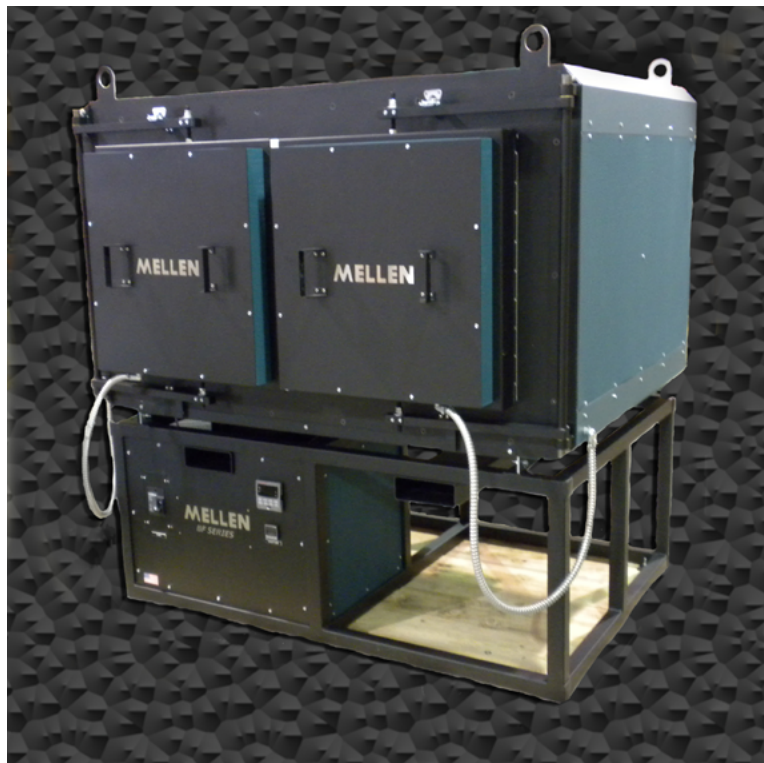
The furnace operates at temperatures up to 1250°C in air. It is Mellen's most popular box furnace and focuses on safety with the addition of a double-pivoting door design. This keeps the hot face of the door away from the operator during access of the inner chamber.

HEATING ELEMENT

The furnace utilizes Flat Plate heating elements capable of 1250°C in air. These heating elements are field-replaceable and are located on four sides of the internal chamber for optimal temperature uniformity.

CONTROLLER

Sold Separately



SERIES	BF BOX FURNACE
MAXIMUM TEMPERATURE	1250°C
ELEMENT TYPE	FLAT PLATE
CONTROLLER	SOLD SEPARATELY
VOLTS	208V/240V
VALID PRICE DATE	2017



BF BOX FURNACE

MODEL NUMBER	HEATED LENGTH (WxHxD)	V:W	OVERALL DIMENSIONS (WxHxD)	LITER CAPACITY	MAXIMUM TEMPERATURE
BF11-6x6x6	6"x6"x6"	240/208V:1946W	21"x21"x15"	3.5 L	1100°C
BF11-6x6x12	6"x6"x12"	240/208V:3918W	21"x21"x21"	7 L	1100°C
BF11-7x10x18	7"x10"x18"	240/208V:8182W	23"x25"x27"	20.5 L	1100°C
BF11-9x9x12	9"x9"x12"	240/208V:4422W	29"x29"x21"	16 L	1100°C
BF11-9x9x24	9"x9"x24"	240/208V:8845W	29"x29"x27"	31.5 L	1100°C
BF11-12x12x12	12"x12"x12"	240/208V:7837W	29"x29"x21"	28 L	1100°C
BF11-12x12x18	12"x12"x18"	240/208V:12836W	29"x29"x27"	42 L	1100°C
BF11-12x12x24	12"x12"x24"	240/208V:15673W	29"x29"x33"	56.5 L	1100°C
BF11-12x12x36	12"x12"x36"	240/208V:23510W	29"x29"x45"	84.95 L	1100°C
BF11-18x18x18	18"x18"x18"	240/208V:19253W	35"x35"x27"	95.5 L	1100°C
BF11-18x18x24	18"x18"x24"	240/208V:23510W	35"x25"x33"	127 L	1100°C
BF11-18x18x36	18"x18"x36"	240/208V:35265W	35"x35"x45"	191 L	1100°C
BF11-24x24x24	24"x24"x24"	240/208V:31347W	45"x46"x49"	226.5 L	1100°C
BF11-24x24x36	24"x24"x36"	240/208V:47020W	45"x46"x49"	339.5 L	1100°C
BF11-24x24x48	24"x24"x48"	240/208V:62694W	45"x46"x61"	453 L	1100°C
BF11-36x36x36	36"x36"x36"	240/208V:70531W	57"x58"x49"	764.5 L	1100°C
BF12-6x6x6	6"x6"x6"	240/208V:2380W	21"x21"x15"	3.5 L	1200°C
BF12-6x6x12	6"x6"x12"	240/208V:4800W	21"x21"x21"	7 L	1200°C
BF12-7x10x18	7"x10"x18"	240/208V:12308W	23"x25"x27"	20.5 L	1200°C
BF12-9x9x12	9"x9"x12"	240/208V:5009W	29"x29"x21"	16 L	1200°C
BF12-9x9x24	9"x9"x24"	240/208V:10017W	29"x29"x27"	31.5 L	1200°C
BF12-12x12x12	12"x12"x12"	240/208V:9600W	29"x29"x21"	28 L	1200°C
BF12-12x12x18	12"x12"x18"	240/208V:16000W	29"x29"x27"	42 L	1200°C
BF12-12x12x24	12"x12"x24"	240/208V:19200W	29"x29"x33"	56.5 L	1200°C
BF12-12x12x36	12"x12"x36"	240/208V:28800W	29"x29"x45"	84.95 L	1200°C
BF12-18x18x18	18"x18"x18"	240/208V:24000W	35"x35"x27"	95.5 L	1200°C
BF12-18x18x24	18"x18"x24"	240/208V:28800W	35"x25"x33"	127 L	1200°C
BF12-18x18x36	18"x18"x36"	240/208V:43200W	35"x35"x45"	191 L	1200°C

Please note, all exterior dimensions are approximate.



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BF12-24x24x24	24"x24"x24"	240/208V:38400W	45"x46"x49"	226.5 L	1200°C
BF12-24x24x36	24"x24"x36"	240/208V:57600W	45"x46"x49"	339.5 L	1200°C
BF12-24x24x48	24"x24"x48"	240/208V:76800W	45"x46"x61"	453 L	1200°C
BF12-36x36x36	36"x36"x36"	240/208V:86400W	57"x58"x49"	764.5 L	1200°C
BF12.5-6x6x6	6"x6"x6"	240/208V:2380W	21"x21"x15"	3.5 L	1250°C
BF12.5-6x6x12	6"x6"x12"	240/208V:4800W	21"x21"x21"	7 L	1250°C
BF12.5-7x10x18	7"x10"x18"	240/208V:12308W	23"x25"x27"	20.5 L	1250°C
BF12.5-9x9x12	9"x9"x12"	240/208V:5009W	29"x29"x21"	16 L	1250°C
BF12.5-9x9x24	9"x9"x24"	240/208V:10017W	29"x29"x27"	31.5 L	1250°C
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BF12.5-36x36x36	36"x36"x36"	240/208V:86400W	57"x58"x49"	764.5 L	1250°C

Please note, all exterior dimensions are approximate.