

# 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
MAX TEMPERATURE	1250°C
ELEMENT TYPE	Flat Plate
CONTROLLER	Sold Separately
VOLTS	208V/240V

*As always, if this product does not meet your requirements, please contact us.  
Mellen will work with you personally to create a product that best suits your needs every time.*

Prices are valid until 2018.



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MODEL	HEATED LENGTH (WxHxD)	V:W	EXTERNAL DIMENSIONS (WxHxD)	LITER CAPACITY	MAX TEMP
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

Please note, all exterior dimensions are approximate.



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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
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
BF12.5-12x12x12	12"x12"x12"	240/208V:9600W	29"x29"x21"	28 L	1250°C

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