

MICROTHERM MV BOX

GENERAL INFORMATION

The furnace operates at temperatures up to 1250°C in air. It is designed for horizontal orientation. It has a double-wall shell separated by a fan-cooled air space to facilitate lead cooling and provide a cooler exterior. The furnace is furnished with a door interlock switch to interrupt power to the furnace and a double-pivoting insulated door to keep the hot face safely away from the operator and prevent extraneous heat loss. Two gas ports are located in the rear wall of the furnace for gas-in and gas-out capability, along with a single vent port located in the top back wall. The furnace is also available with a side mounted power supply in some sizes instead of the traditional bottom mounted power supply. This version of the furnace is marked by -SMPS in the model number.



HEATING ELEMENT

The furnace utilizes Vulcan heating elements capable of 1250°C in air. The heating elements are positioned on four sides of the internal chamber.

CONTROLLER

The furnace system comes complete with an Omega CN7800 integrated dual-display controller with 8 Ramp/Soak/Program Segments. There is a built-in integrated over temperature alarm in the system and an RS485 Communications Port available.

SERIES	MV Box Furnace
MAX TEMPERATURE	1250°C
ELEMENT TYPE	Vulcan
CONTROLLER	Integrated Control System
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)	PRICE
MV12.5-9x9x9-1Z-IOT	9"x9"x9"	208V/240V:3400W	22"x29"x24"	\$3,595.00
MV12.5-9x9x9-1Z-IOT-SMPS	9"x9"x9"	208V/240V:3400W	31"x22"x26"	\$3,595.00
MV12.5-9x9x14-1Z-IOT	9"x9"x14"	208V/240V:5300W	22"x29"x30"	\$5,795.00
MV12.5-12x12x12-1Z-IOT	12"x12"x12"	208V/240V:6700W	29"x36"x30"	\$6,895.00
MV12.5-12x12x18-1Z-IOT	12"x12"x18"	208V/240V:7500W	29"x36"x30"	\$7,195.00
MV12.5-15x15x15-1Z-IOT	15"x15"x15"	208V/240V:8000W	29"x36"x30"	\$7,395.00
MV12.5-18x16x18-1Z-IOT	18"x16"x18"	208V/240V:9600W	34"x48"x34"	\$10,495.00

Please note, all exterior dimensions are approximate.

