

MICROTHERM MV BOX FURNACE



GENERAL INFORMATION

The furnace operates at temperatures up to 1250°C in air. It is designed for a 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.

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.



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|----------------------------|---------------------------|
| SERIES | MV BOX FURNACE |
| MAXIMUM TEMPERATURE | 1250°C |
| ELEMENT TYPE | VULCAN |
| CONTROLLER | INTEGRATED CONTROL SYSTEM |
| VOLTS | 208V/240V |
| VALID PRICE DATE | 2017 |

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| MODEL NUMBER | HEATED LENGTH (WxHxD) | V:W | OVERALL DIMENSIONS (WxHxD) | MAXIMUM TEMPERATURE | PRICE |
|------------------------|-----------------------|-----------------|----------------------------|---------------------|------------|
| MV12.5-9x9x9-1Z-IOT | 9"x9"x9" | 208V/240V:3400W | 22"x29"x24" | 1250°C | \$3,395.00 |
| MV12.5-9x9x14-1Z-IOT | 9"x9"x14" | 208V/240V:5300W | 22"x29"x30" | 1250°C | \$5,495.00 |
| MV12.5-12x12x12-1Z-IOT | 12"x12"x12" | 208V/240V:6700W | 29"x36"x30" | 1250°C | \$6,495.00 |
| MV12.5-12x12x18-1Z-IOT | 12"x12"x18" | 208V/240V:7500W | 29"x36"x30" | 1250°C | \$6,795.00 |
| MV12.5-15x15x15-1Z-IOT | 15"x15"x15" | 208V/240V:8000W | 29"x36"x30" | 1250°C | \$6,995.00 |
| MV12.5-18x16x18-1Z-IOT | 18"x16"x18" | 208V/240V:9600W | 34"x48"x34" | 1250°C | \$9,995.00 |

Please note, all exterior dimensions are approximate.