



Maltec standard 1100 °C heat treating furnaces are used for a variety of heat treating applications such as tempering, hardening, sintering or firing, including those requiring insert atmospheres.

Control

- Digital, thermocouple actuated, temperature controller
- On-off heat switch
- Easy-to-see pilot light
- Safety Equipment
- Adjustable, thermocouple actuated, manual reset excess temperature controller
- Separate heating element control contactors
- Door interlock switch turns off power to heating elements when door is opened; restores power when door is closed.

Construction

- 4mm steel plate reinforced furnace shell - 3mm thick steel front plate
- Vertical lift door
- Energy saving lightweight ceramic fiber insulation reduces operating costs
- Heavy-duty ceramic hearth plates supported by firebrick piers
- Excellent temperature uniformity throughout workspace
- Fast heat up and cool-down - 6 month limited warranty
- Every furnace fully assembled and individually factory tested.

Model	Work Space Dimensions (W x D x H)	Outside Dimensions (W x D x H)	Height W/Door Open	Door Type	Heat Input		Operating Characteristics	
					KW	BTU/HR	Control Accuracy	Furnace Uniformity
MF-153015	15" x 30" x 15"	37" x 53" x 63"	78"	Manual	18	N/A	+ 0.3%	+ 7°C
MF-183618	18" x 36" x 18"	53" x 73" x 75"	98"	Manual	24	300,000	+ 0.3%	+ 7°C
MF-243618	24" x 36" x 18"	59" x 73" x 75"	98"	Manual	33	360,000	+ 0.3%	+ 7°C
MF-244824	24" x 48" x 24"	59" x 85" x 80"	108"	Manual	48	525,000	+ 0.3%	+ 7°C
MF-304830	30" x 48" x 30"	67" x 85" x 86"	116"	Manual	56	650,000	+ 0.3%	+ 8°C
MF-306030	30" x 60" x 30"	67" x 96" x 86"	116"	Manual	60	700,000	+ 0.3%	+ 8°C
MF-364836	36" x 48" x 36"	74" x 85" x 126"	126"	Manual	66	750,000	+ 0.3%	+ 9°C
MF-366036	36" x 60" x 36"	74" x 96" x 126"	126"	Manual	73	800,000	+ 0.3%	+ 9°C
MF-367236	36" x 72" x 36"	74" x 108" x 126"	126"	Manual	86	950,000	+ 0.3%	+ 9°C
MF-484836	48" x 48" x 36"	86" x 85" x 126"	126"	Manual	78	850,000	+ 0.3%	+ 10°C
MF-484848	48" x 48" x 48"	86" x 85" x 150"	150"	Manual	92	1,000,000	+ 0.3%	+ 10°C
MF-487248	48" x 72" x 48"	86" x 108" x 150"	150"	Manual	135	1,400,000	+ 0.3%	+ 10°C

Specifications will be changed without prior notice.