

MICROTHERM SPLIT FURNACE

MELLEN

GENERAL INFORMATION

The furnace operates at temperatures up to 1250°C in air. The standard orientation of the furnace is horizontal, however, a vertical stand or a bench stand is available. The furnace has fast heat-up rates (30°C per minute standard) and an integrated dual-display controller, making it easy to use.

HEATING ELEMENT

The furnace utilizes Clamshell heating elements capable of 1250°C in air.

CONTROLLER

The furnace system comes complete with Mellen model PS105 control cabinet. This features a built-in 8 Ramp/Soak/Program controller with 8 segments. This furnace includes an integrated over temperature alarm. An RS485 Communications Port is available at an additional cost.



SERIES MICROTHERM SPLIT
FURNACE

MAXIMUM TEMPERATURE 1250°C

ELEMENT TYPE CLAMSHELL

CONTROLLER PS105

VOLTS 120V & 208V/240V

VALID PRICE DATE 2017

MICROTHERM SPLIT FURNACE



MODEL NUMBER	HEATED LENGTH (IDxD)	V:W	OVERALL DIMENSIONS (WxHxD)	MAXIMUM TEMPERATURE	PRICE
MTSC12.5R-0.75x6-1Z-IOT	0.75" x 6"	120V: 1080W	16"x13"x11"	1250°C	\$2,545.00
MTSC12.5R-0.75x8-1Z-IOT	0.75" x 8"	120V: 600W	16"x13"x13"	1250°C	\$2,845.00
MTSC12.5R-0.75x12-1Z-IOT	0.75" x 12"	120V: 600W	16"x13"x17"	1250°C	\$3,425.00
MTSC12.5R-0.75x18-1Z-IOT	0.75" x 18"	120V: 840W	16"x13"x23"	1250°C	\$4,325.00
MTSC12.5R-1.25x6-1Z-IOT	1.25" x 6"	120V: 600W	16"x13"x11"	1250°C	\$2,645.00
MTSC12.5R-1.25x8-1Z-IOT	1.25" x 8"	120V: 600W	16"x13"x13"	1250°C	\$2,945.00
MTSC12.5R-1.25x12-1Z-IOT	1.25" x 12"	120V: 1200W	16"x13"x17"	1250°C	\$3,525.00
MTSC12.5R-1.25x18-1Z-IOT	1.25" x 18"	120V: 1560W	16"x13"x23"	1250°C	\$4,425.00
MTSC12.5R-1.625x6-1Z-IOT	1.625" x 6"	120V: 600W	16"x13"x11"	1250°C	\$2,745.00
MTSC12.5R-1.625x8-1Z-IOT	1.625" x 8"	120V: 840W	16"x13"x13"	1250°C	\$3,045.00
MTSC12.5R-1.625x12-1Z-IOT	1.625" x 12"	120V: 1200W	16"x13"x17"	1250°C	\$3,625.00
MTSC12.5R-1.625x18-1Z-IOT	1.625" x 18"	120V: 1680W	16"x13"x23"	1250°C	\$4,525.00
MTSC12.5R-2.375x6-1Z-IOT	2.375" x 6"	120V: 960W	17"x15"x11"	1250°C	\$3,145.00
MTSC12.5R-2.375x8-1Z-IOT	2.375" x 8"	120V: 1200W	17"x15"x13"	1250°C	\$3,445.00
MTSC12.5R-2.375x12-1Z-IOT	2.375" x 12"	120V: 1680W	17"x15"x17"	1250°C	\$4,025.00
MTSC12.5R-2.375x18-1Z-IOT	2.375" x 18"	208/240V: 3328W	17"x15"x23"	1250°C	\$4,925.00
MTSC12.5R-3x6-1Z-IOT	3.0" x 6"	120V: 1200W	17"x15"x11"	1250°C	\$3,245.00
MTSC12.5R-3x8-1Z-IOT	3.0" x 8"	120V: 1560W	17"x15"x13"	1250°C	\$3,545.00
MTSC12.5R-3x12-1Z-IOT	3.0" x 12"	208/240V: 2080W	17"x15"x17"	1250°C	\$4,125.00
MTSC12.5R-3x18-1Z-IOT	3.0" x 18"	208/240V: 2912W	17"x15"x23"	1250°C	\$5,025.00
MTSC12.5R-3x24-1Z-IOT	3.0" x 24"	208/240V: 4800W	17"x15"x29"	1250°C	\$6,385.00
MTSC12.5R-3x36-1Z-IOT	3.0" x 36"	208/240V: 7220W	17"x15"x41"	1250°C	\$7,525.00
MTSC12.5R-3x24-3Z-IOT	3.0" x 24"	208/240V: 4800W	17"x15"x29"	1250°C	\$7,885.00
MTSC12.5R-3x36-3Z-IOT	3.0" x 36"	208/240V: 7220W	17"x15"x41"	1250°C	\$9,025.00

Please note, all exterior dimensions are approximate.