

MICROTHERM SPLIT

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
MAX TEMPERATURE	1250°C
ELEMENT TYPE	Clamshell
CONTROLLER	PS105
VOLTS	120V & 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 (IDxD)	V:W	EXTERNAL DIMENSIONS (WxHxD)	MAX TEMP	PRICE
MTSC12.5R-0.75x6-1Z-IOT	0.75" x 6"	120V: 500W	16"x13"x11"	1250°C	\$2,695.00
MTSC12.5R-0.75x8-1Z-IOT	0.75" x 8"	120V: 600W	16"x13"x13"	1250°C	\$2,995.00
MTSC12.5R-0.75x12-1Z-IOT	0.75" x 12"	120V: 1500W	16"x13"x17"	1250°C	\$3,595.00
MTSC12.5R-0.75x18-1Z-IOT	0.75" x 18"	120V: 1050W	16"x13"x23"	1250°C	\$4,595.00
MTSC12.5R-1.25x6-1Z-IOT	1.25" x 6"	120V: 600W	16"x13"x11"	1250°C	\$2,795.00
MTSC12.5R-1.25x8-1Z-IOT	1.25" x 8"	120V: 1400W	16"x13"x13"	1250°C	\$3,095.00
MTSC12.5R-1.25x12-1Z-IOT	1.25" x 12"	120V: 1000W	16"x13"x17"	1250°C	\$3,795.00
MTSC12.5R-1.25x18-1Z-IOT	1.25" x 18"	120V: 2350W	16"x13"x23"	1250°C	\$4,695.00
MTSC12.5R-1.625x6-1Z-IOT	1.625" x 6"	120V: 1400W	16"x13"x11"	1250°C	\$2,895.00
MTSC12.5R-1.625x8-1Z-IOT	1.625" x 8"	120V: 1050W	16"x13"x13"	1250°C	\$3,195.00
MTSC12.5R-1.625x12-1Z-IOT	1.625" x 12"	120V: 1350W	16"x13"x17"	1250°C	\$3,895.00
MTSC12.5R-1.625x18-1Z-IOT	1.625" x 18"	120V: 1400W	16"x13"x23"	1250°C	\$4,795.00
MTSC12.5R-2.375x6-1Z-IOT	2.375" x 6"	120V: 1000W	17"x15"x11"	1250°C	\$3,395.00
MTSC12.5R-2.375x8-1Z-IOT	2.375" x 8"	120V: 1550W	17"x15"x13"	1250°C	\$3,695.00
MTSC12.5R-2.375x12-1Z-IOT	2.375" x 12"	120V: 1400W	17"x15"x17"	1250°C	\$4,295.00
MTSC12.5R-2.375x18-1Z-IOT	2.375" x 18"	208/240V: 2100W	17"x15"x23"	1250°C	\$5,195.00

-3Z indicates a three-zone configuration.

Please note, all exterior dimensions are approximate.



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MODEL	HEATED LENGTH (IDxD)	V:W	EXTERNAL DIMENSIONS (WxHxD)	MAX TEMP	PRICE
MTSC12.5R-3x6-1Z-IOT	3.0" x 6"	120V: 1000W	17"x15"x11"	1250°C	\$3,495.00
MTSC12.5R-3x8-1Z-IOT	3.0" x 8"	120V: 1300W	17"x15"x13"	1250°C	\$3,795.00
MTSC12.5R-3x12-1Z-IOT	3.0" x 12"	208/240V: 2400W	17"x15"x17"	1250°C	\$4,395.00
MTSC12.5R-3x18-1Z-IOT	3.0" x 18"	208/240V: 2600W	17"x15"x23"	1250°C	\$5,295.00
MTSC12.5R-3x24-1Z-IOT	3.0" x 24"	208/240V: 4800W	17"x15"x29"	1250°C	\$6,795.00
MTSC12.5R-3x36-1Z-IOT	3.0" x 36"	208/240V: 7220W	17"x15"x41"	1250°C	\$7,995.00
MTSC12.5R-3x24-3Z-IOT	3.0" x 24"	208/240V: 2700W	17"x15"x29"	1250°C	\$8,295.00
MTSC12.5R-3x36-3Z-IOT	3.0" x 36"	208/240V: 3600W	17"x15"x41"	1250°C	\$9,495.00

-3Z indicates a three-zone configuration.

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