

# SC SPLIT FURNACE

## GENERAL INFORMATION

The furnace operates at temperatures up to 1250°C in air. The furnace comes with rugged, coated firebrick vestibules and thermocouple ports centered in each control zone. The reinforced, double-walled steel construction provides a cooler exterior. Both horizontal and vertical operation is possible. Easy replacement and low cost of heating elements make for an easy-to-use furnace.

## HEATING ELEMENT

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

## CONTROLLER

Sold Separately.



SERIES	SC Split Furnace
MAX TEMPERATURE	1250°C
ELEMENT TYPE	Clamshell
CONTROLLER	Sold Separately
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.



# SC SPLIT FURNACE

MODEL	HEATED LENGTH (IDxD)	V:W	EXTERNAL DIMENSIONS (ODxD)	MAX TEMP
SC11-1.25x6	1.25"x6"	120V:500W	14"x13"	1100°C
SC11-1.25x12	1.25"x12"	120V:958W	14"x19"	1100°C
SC11-1.63-12	1.63"x12"	120V:1300W	14"x19"	1100°C
SC11-1.63x18	1.63"x18"	120V:1850W	14"x25"	1100°C
SC11-2.375x12	2.375"x12"	120V:1800W	14"x19"	1100°C
SC11-2.375x18	2.375"x18"	208/240V:2400W	14"x25"	1100°C
SC11-2.375x24	2.375"x24"	208/240V:3920W	14"x31"	1100°C
SC11-3x12	3"x12"	120/208/240V:1812W	14"x19"	1100°C
SC11-3x18	3"x18"	208/240V:2830W	14"x25"	1100°C
SC11-3x24	3"x24"	208/240V:3624W	14"x31"	1100°C
SC11-3.75x12	3.75"x12"	208/240V:2570W	18"x19"	1100°C
SC11-3.75x24	3.75"x24"	208/240V:5150W	18"x31"	1100°C
SC11-3.75x36	3.75"x36"	208/240V:7715W	18"x43"	1100°C
SC11-5x24	5"x24"	208/240V:7456W	18"x31"	1100°C
SC11-5x36	5"x36"	208/240V:11184W	18"x43"	1100°C
SC11-6x24	6"x24"	208/240V:7840W	19"x31"	1100°C
SC11-6x36	6"x36"	208/240V:11760W	19"x43"	1100°C
SC12-1.25x6	1.25"x6"	120V:650W	14"x13"	1200°C
SC12-1.25x12	1.25"x12"	120V:1420W	14"x19"	1200°C

Please note, all exterior dimensions are approximate.



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MODEL	HEATED LENGTH (IDxD)	V:W	EXTERNAL DIMENSIONS (ODxD)	MAX TEMP
SC12-1.63-12	1.63"x12"	120V:1580W	14"x19"	1200°C
SC12-1.63x18	1.63"x18"	120V:2180W	14"x25"	1200°C
SC12-2.375x12	2.375"x12"	120V:2090W	14"x19"	1200°C
SC12-2.375x18	2.375"x18"	208/240V:2830W	14"x25"	1200°C
SC12-2.375x24	2.375"x24"	208/240V:4180W	14"x31"	1200°C
SC12-3x12	3"x12"	120/208/240V:2612W	14"x19"	1200°C
SC12-3x18	3"x18"	208/240V:3960W	14"x25"	1200°C
SC12-3x24	3"x24"	208/240V:5224W	14"x31"	1200°C
SC12-3.75x12	3.75"x12"	208/240V:3580W	18"x19"	1200°C
SC12-3.75x24	3.75"x24"	208/240V:7180W	18"x31"	1200°C
SC12-3.75x36	3.75"x36"	208/240V:10760W	18"x43"	1200°C
SC12-5x24	5"x24"	208/240V:9580W	18"x31"	1200°C
SC12-5x36	5"x36"	208/240V:14370W	18"x43"	1200°C
SC12-6x24	6"x24"	208/240V:10000W	19"x31"	1200°C
SC12-6x36	6"x36"	208/240V:15000W	19"x43"	1200°C
SC12.5-1.25x6	1.25"x6"	120V:700W	14"x13"	1250°C
SC12.5-1.25x12	1.25"x12"	120V:1500W	14"x19"	1250°C
SC12.5-1.63-12	1.63"x12"	120V:1600W	14"x19"	1250°C
SC12.5-1.63x18	1.63"x18"	120V:2200W	14"x25"	1250°C

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MODEL	HEATED LENGTH (IDxD)	V:W	EXTERNAL DIMENSIONS (ODxD)	MAX TEMP
SC12.5-2.375x12	2.375"x12"	120V:2100W	14"x19"	1250°C
SC12.5-2.375x18	2.375"x18"	208/240V:2900W	14"x25"	1250°C
SC12.5-2.375x24	2.375"x24"	208/240V:4180W	14"x31"	1250°C
SC12.5-3x12	3"x12"	120/208/240V:2650W	14"x19"	1250°C
SC12.5-3x18	3"x18"	208/240V:3960W	14"x25"	1250°C
SC12.5-3x24	3"x24"	208/240V:5250W	14"x31"	1250°C
SC12.5-3.75x12	3.75"x12"	208/240V:3600W	18"x19"	1250°C
SC12.5-3.75x24	3.75"x24"	208/240V:7200W	18"x31"	1250°C
SC12.5-3.75x36	3.75"x36"	208/240V:10800W	18"x43"	1250°C
SC12.5-5x24	5"x24"	208/240V:9600W	18"x31"	1250°C
SC12.5-5x36	5"x36"	208/240V:14400W	18"x43"	1250°C
SC12.5-6x24	6"x24"	208/240V:10000W	19"x31"	1250°C
SC12.5-6x36	6"x36"	208/240V:15000W	19"x43"	1250°C

Please note, all exterior dimensions are approximate.

