

SD SPLIT FURNACE

GENERAL INFORMATION

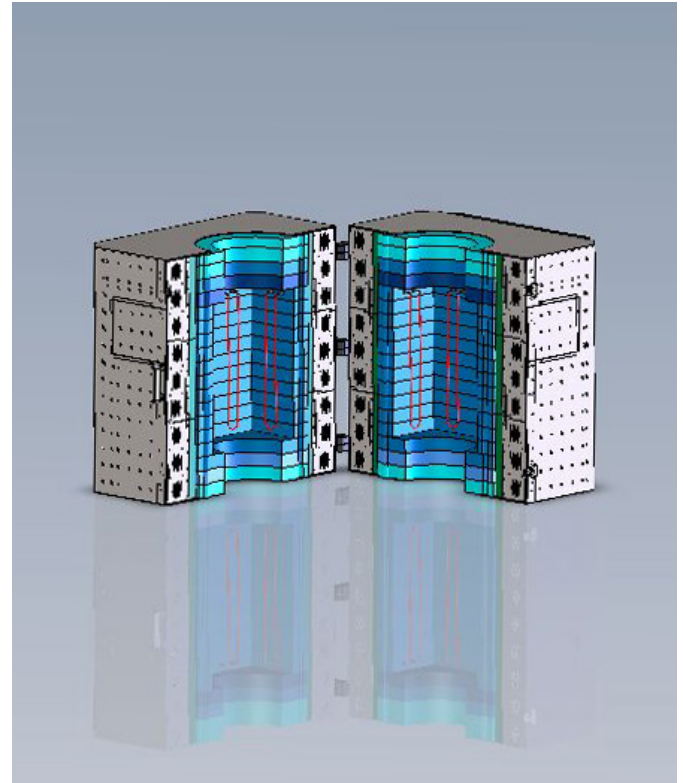
The furnace operates at temperatures up to 1700°C in air. The hot zone of the furnace has been extensively engineered by Mellen to ensure reliability and durability. The furnace is economical to operate, with easily replaceable elements. Rails are secured on the assembly to easily open and close the furnace. Horizontal and vertical orientations are both available, however, dimensions and wattage may vary. Horizontal operations are listed below.

HEATING ELEMENT

The furnace utilizes Moly Disilicide Hairpin heating elements capable of 1700°C in air. The heating elements are field-replaceable and located specifically to radiate heat uniformly. Hexagonal and rectangular bores are available in addition to circular.

CONTROLLER

Sold Separately.



SERIES	SD Split Furnace
MAX TEMPERATURE	1700°C
ELEMENT TYPE	Moly Disilicide Hairpin
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.



SD SPLIT FURNACE

MODEL	HEATED LENGTH (IDxD)	V:W	EXTERNAL DIMENSIONS (WxHxD)	MAX TEMP
SD16-3x6	3"x6"	120V:1330W	22"x27"x17"	1600°C
SD16-3x12	3"x12"	120/208/240V:2660W	22"x27"x23"	1600°C
SD16-3x18	3"x18"	208/240V:3990W	23"x27"x29"	1600°C
SD16-3x24	3"x24"	208/240V:5320W	23"x27"x35"	1600°C
SD16-3x36	3"x36"	208/240V:7980W	23"x27"x47"	1600°C
SD16-5x24	5"x24"	208/240V:24300W	27"x30"x35"	1600°C
SD16-5x36	5"x36"	208/240V:36400W	27"x30"x47"	1600°C
SD16-7x24	7"x24"	208/240V:36400W	29"x34"x35"	1600°C
SD16-7x36	7"x36"	208/240V:47780W	29"x34"x47"	1600°C
SD16-9x24	9"x24"	208/240V:42000W	35"x36"x35"	1600°C
SD16-9x36	9"x36"	208/240V:53000W	35"x36"x47"	1600°C
SD16-11x24	11"x24"	208/240V:42000W	35"x36"x35"	1600°C
SD16-14x36	14"x36"	208/240V:53000W	35"x36"x47"	1600°C
SD17-3x6	3"x6"	120V:3420W	22"x27"x17"	1700°C
SD17-3x12	3"x12"	120/208/240V:6840W	22"x27"x23"	1700°C
SD17-3x18	3"x18"	208/240V:15120W	23"x27"x29"	1700°C
SD17-3x24	3"x24"	208/240V:19560W	23"x27"x35"	1700°C
SD17-3x36	3"x36"	208/240V:19560W	23"x27"x47"	1700°C
SD17-5x24	5"x24"	208/240V:29160W	27"x30"x35"	1700°C

Please note, all exterior dimensions are approximate.



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MODEL	HEATED LENGTH (IDxD)	V:W	EXTERNAL DIMENSIONS (WxHxD)	MAX TEMP
SD17-5x36	5"x36"	208/240V:43680W	27"x30"x47"	1700°C
SD17-6x24	6"x24"	208/240V:36480W	28"x30"x35"	1700°C
SD17-6x36	6"x36"	208/240V:54720W	28"x30"x47"	1700°C
SD17-7x24	7"x24"	208/240V:43680W	29"x34"x35"	1700°C
SD17-7x36	7"x36"	208/240V:57336W	29"x34"x47"	1700°C
SD17-9x24	9"x24"	208/240V:50400W	35"x36"x35"	1700°C
SD17-9x36	9"x36"	208/240V:63600W	35"x36"x47"	1700°C
SD17-11x24	11"x24"	208/240V:50400W	35"x36"x35"	1700°C
SD17-14x36	14"x36"	208/240V:63600W	35"x36"x47"	1700°C
SD18-3x6	3"x6"	120V:3500W	22"x27"x17"	1800°C
SD18-3x12	3"x12"	120/208/240V:6840W	22"x27"x23"	1800°C
SD18-3x18	3"x18"	208/240V:15200W	23"x27"x29"	1800°C
SD18-3x24	3"x24"	208/240V:19600W	23"x27"x35"	1800°C
SD18-3x36	3"x36"	208/240V:19600W	23"x27"x47"	1800°C
SD18-5x24	5"x24"	208/240V:29200W	27"x30"x35"	1800°C
SD18-5x36	5"x36"	208/240V:43700W	27"x30"x47"	1800°C
SD18-6x24	6"x24"	208/240V:36500W	28"x30"x35"	1800°C
SD18-6x36	6"x36"	208/240V:54800W	28"x30"x47"	1800°C
SD18-7x24	7"x24"	208/240V:43700W	29"x34"x35"	1800°C
SD18-7x36	7"x36"	208/240V:57400W	29"x34"x47"	1800°C

Please note, all exterior dimensions are approximate.



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MODEL	HEATED LENGTH (IDxD)	V:W	EXTERNAL DIMENSIONS (WxHxD)	MAX TEMP
SD18-9x24	9"x24"	208/240V:50400W	35"x36"x35"	1800°C
SD18-9x36	9"x36"	208/240V:63600W	35"x36"x47"	1800°C
SD18-11x24	11"x24"	208/240V:50400W	35"x36"x35"	1800°C
SD18-14x36	14"x36"	208/240V:63600W	35"x36"x47"	1800°C

Please note, all exterior dimensions are approximate.

