

TV TUBE FURNACE

GENERAL INFORMATION

The furnace operates at temperatures up to 1600°C in an inert atmosphere or vacuum and 1325°C in air. Until now, clamshell furnaces were limited to a 16 inch inner diameter and were never truly round. Tube furnaces were often placed in such a way that the tube would sag. To change all that, Mellen has created a truly round bore with the TV Tube Furnace. The round bore can be made as small as 2 inch inner diameter and larger than 36 inch inner diameter.

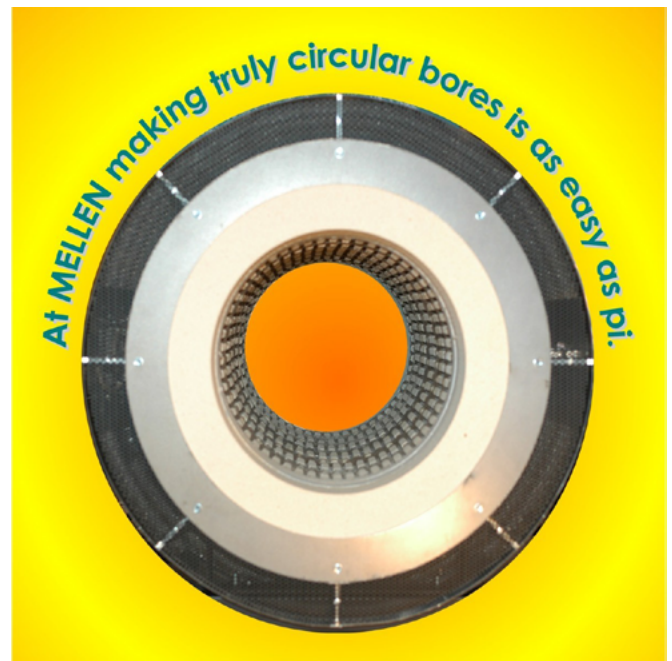
The beauty of the Vulcan line is that it breaks the boundary of what a standard furnace is. With the Vulcan line, any size furnace is a standard furnace. The heating elements in no way limit the size or shape of the furnace. If there are dimensions that you require, Mellen can make them.

HEATING ELEMENT

The furnace utilizes Vulcan heating elements capable of 1600°C in an inert atmosphere or vacuum and 1325°C in air. The heating elements are supported over the entire length of the furnace to eliminate sag and remove length and inner diameter restrictions.

CONTROLLER

Sold Separately.



SERIES	TV Tube Furnace
MAX TEMPERATURE	1325°C
ELEMENT TYPE	Vulcan
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.



TV TUBE FURNACE

MODEL	HEATED LENGTH (IDxL)	V:W	EXTERNAL DIMENSIONS (ODxL)	MAX TEMP
TV13.25-1.25x6	1.25"x6"	120V:700W	14"x13"	1325°C
TV13.25-1.25x12	1.25"x12"	120V:1500W	14"x19"	1325°C
TV13.25-1.63-12	1.63"x12"	120V:1600W	14"x19"	1325°C
TV13.25-1.63x18	1.63"x18"	120V:2200W	14"x25"	1325°C
TV13.25-2.5x12	2.5"x12"	120V:2100W	14"x19"	1325°C
TV13.25-2.5x18	2.5"x18"	208/240V:2900W	14"x25"	1325°C
TV13.25-2.5x24	2.5"x24"	208/240V:4180W	14"x31"	1325°C
TV13.25-3x12	3"x12"	120/208/240V:2650W	14"x19"	1325°C
TV13.25-3x18	3"x18"	208/240V:3960W	14"x25"	1325°C
TV13.25-3x24	3"x24"	208/240V:5250W	14"x31"	1325°C
TV13.25-3.75x12	3.75"x12"	208/240V:3600W	18"x19"	1325°C
TV13.25-3.75x24	3.75"x24"	208/240V:7200W	18"x31"	1325°C
TV13.25-3.75x36	3.75"x36"	208/240V:10800W	18"x43"	1325°C
TV13.25-5x24	5"x24"	208/240V:9600W	18"x31"	1325°C
TV13.25-5x36	5"x36"	208/240V:14400W	18"x43"	1325°C
TV13.25-6x24	6"x24"	208/240V:10000W	19"x31"	1325°C
TV13.25-6x36	6"x36"	208/240V:15000W	19"x43"	1325°C
TV13.25-7x24	7"x24"	208/240V:10100W	19"x31"	1325°C
TV13.25-7x36	7"x36"	208/240V:16200W	19"x43"	1325°C
TV13.25-7x48	7"x48"	208/240V:18500W	19"x55"	1325°C

Please note, all exterior dimensions are approximate.



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MODEL	HEATED LENGTH (IDxL)	V:W	EXTERNAL DIMENSIONS (ODxL)	MAX TEMP
TV13.25-8.25-16	8.25"x16"	208/240V:9400W	27"x27"	1325°C
TV13.25-8.25-32	8.25"x32"	208/240V:18800W	27"x43"	1325°C
TV13.25-12x24	12"x24"	208/240V:20900W	30"x35"	1325°C
TV13.25-12x48	12"x48"	208/240V:41800W	30"x59"	1325°C

Please note, all exterior dimensions are approximate.

