

# CERAMIC STRIP HEATERS



## **FEATURES**

- VIBRATION RESISTANT COMPACTED CONSTRUCTION
- STANDARD MOUNTING SLOTS
- STAINLESS STEEL POST TERMINALS
- FLEXIBLE LEADS OPTIONAL
- HIGH QUALITY NICKEL-CHROME RESISTANCE WIRE

## **APPLICATION**

SURFACE HEATING	PLATENS DIES MOLDS TANKS
PROCESS AIR HEATING	DRYING CABINETS OVENS MOISTURE PROTECTION LOAD BANKS
RESISTORS FREEZE PROTECTION	

## **SPECIFICATIONS**

WIDTH TOLERANCE	1-1/2" +/- 1/64"
THICKNESS	3/8" +/- 1/64"
LENGTH TOLERANCE	1/8"
MAX VOLTAGE	600V
MAX CURRENT	48 A
MAX LENGTH	78"
WATT TOLERANCE	+51% -10%

## **CONSTRUCTION**

MorHeat strip heaters are constructed of specially selected high quality materials, beginning with the high temperature alloy resistance wire uniformly coiled and spaced over the width of the heated length of the strip heater. This controlled coil process and replacement assures uniform heat distribution over the entire active surface of the heater. Special care is taken to secure the stud-type terminal to the high-temperature alloy resistance contact.

The coiled resistance wire is embedded in a special refractory material which possesses excellent heat transfer characteristics and superior insulation properties. The entire heater assembly is encased in either stainless or chrome steel sheath and is compressed under high pressure. The completed assembly is heated under controlled conditions to bake and semi-vitrify the refractory for a rigid, vibration resistant, heavy-duty heating unit.

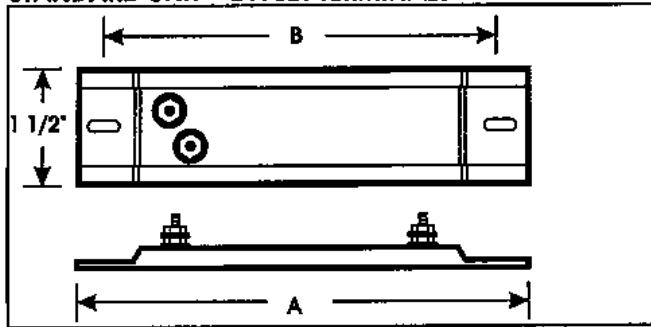
## **FINNED CONSTRUCTION**

Fins can be added to all stock offset terminal heaters to provide excellent air heating.

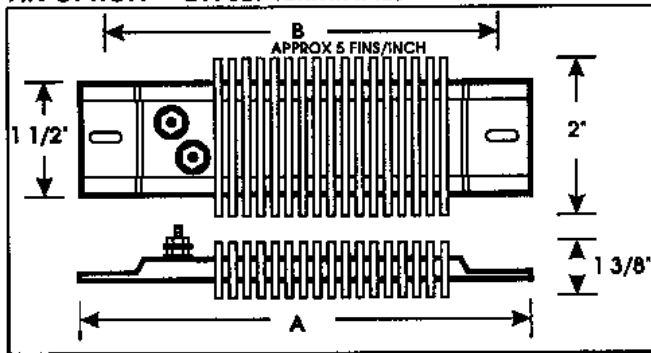
## STOCK LIST

### CERAMIC STRIP HEATERS STAINLESS STEEL SHEATH

#### STANDARD UNIT - OFFSET TERMINALS

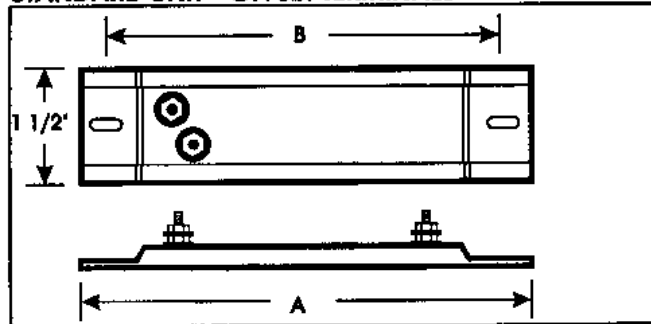


#### FIN OPTION - OFFSET TERMINALS

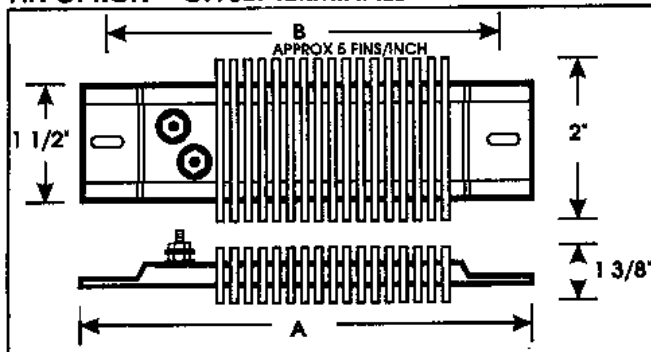


### CERAMIC STRIP HEATERS RUST RESISTANT IRON SHEATH

#### STANDARD UNIT - OFFSET TERMINALS



#### FIN OPTION - OFFSET TERMINALS



WATTS	'A'	'B'	PART NO.	
			120 V	240 V
300	6	5		MPS-060A- 1
100	7 1/2	6 1/2	MPS-075A- 1	MPS -075A- 1
200	7 1/2	6 1/2	-075A- 2	-080A- 1
250	8	7	-080A- 1	-080A- 2
400	8	7	-080A- 2	-105A- 1
350	10 1/2	8 1/2	-105A- 1	-105A- 2
400	10 1/2	9 1/2	-105A- 2	-120A- 1
250	12	11	-120A- 1	-120A- 2
350	12	11	-120A- 2	-120A- 3
500	12	11	-120A- 3	-140A- 1
500	14	13	-140A- 1	-140A- 2
500	15 1/4	14 1/4	-152A- 2	-152A- 2
350	17 7/8	16 7/8	-178A- 1	-178A- 1
500	17 7/8	16 7/8	-178A- 2	-178A- 2
750	17 7/8	16 7/8	-178A- 3	-178A- 3
1000	17 7/8	16 7/8	-178A- 4	-178A- 4
500	19 1/2	18 3/8	-195A- 1	-195A- 1
1000	19 1/2	18 3/8	-195A- 2	-195A- 2
750	21	20	-210A- 1	-210A- 1
500	23 3/4	22 3/4	MPS-237A- 1	MPS-237A- 1
750	23 3/4	22 3/4	-237A- 2	-237A- 2
100	23 3/4	22 3/4	-237A- 3	-237A- 3
1500	23 3/4	22 3/4	-237A- 4	-237A- 4
750	25 1/2	24 1/2	MPS-255A- 1	-255A- 1
1000	25 1/2	24 1/2	-255A- 2	-255A- 2
1000	26 3/4	25 3/4	-267A- 3	-267A- 1
750	30 1/2	29 1/2		305A- 1
1000	30 1/2	29 1/2	MPS-305A- 1	-305A- 2
750	33 1/2	32 1/2	-335A- 2	-335A- 1
1000	35 7/8	34 1/2		-358A- 1
1500	35 7/8	34 7/8	-358A- 1	-358A- 2
1000	38 1/2	37 1/2	-385A- 2	-385A- 1
1250	42 1/2	41 1/2	425A- 1	-425A- 1
1500	42 1/2	41 1/2	-425A- 2	-425A- 2

WATTS	'A'	'B'	PART NO.	
			120 V	240 V
100	7 1/2	6 1/2	MPA-075A- 1	
150	7 1/2	6 1/2	-075A- 2	MPA-075A- 1
150	8	7	-080A- 1	-080A- 1
175	8	7	-080A- 2	-080A- 2
250	10 1/2	9 1/2	-105A- 1	-105A- 1
250	12	11	-120A- 1	-120A- 1
300	14	13	-140A- 1	-140A- 1
325	15 1/4	14 1/4	-152A- 1	-152A- 1
250	17 7/8	16 7/8	-178A- 1	
350	17 7/8	16 7/8	MPA-178A- 2	MPA-178A- 1
375	17 7/8	16 7/8	-178A- 3	-178A- 2
500	17 7/8	16 7/8	-178A- 4	-178A- 1
350	19 1/2	18 3/8	-195A- 1	-195A- 1
500	19 1/2	18 3/8	-195A- 2	-195A- 2
500	21	20 1/8	-210A- 1	-210A- 1
500	23 3/4	22 3/4	-237A- 1	-237A- 1
750	23 3/4	22 1/4	-237A- 2	-237A- 2
500	25 1/2	24 1/2	-255A- 1	-255A- 1
750	25 1/2	24 1/2	-255A- 2	-255A- 2
700	26 3/4	25	-267A- 1	-267A- 1
750	30 1/2	29 1/2	-305A- 1	-305A- 1
750	33 1/2	32 1/2	-335A- 1	-335A- 1
1000	35 7/8	34 7/8	-358A- 1	-358A- 1
500	38 1/2	37	-385A- 1	-385A- 1
1000	38 1/2	37	-385A- 2	-385A- 2
1250	42 1/2	41 1/2	-425A- 1	-425A- 1
1500	42 1/2	41 1/2	-425A- 2	-425A- 2