

Wire heating elements for Air Curtains

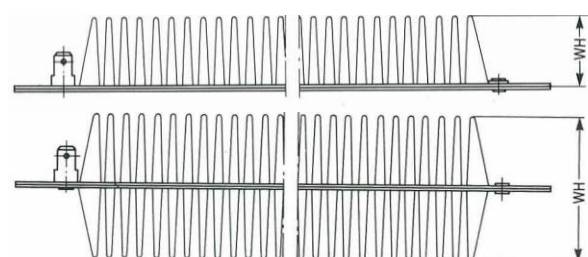
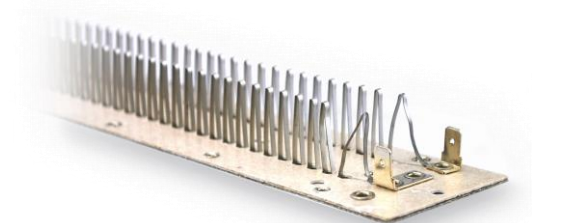


Typical Applications

Air heating, preferably in Air Curtains

Characteristics

- heating coil inserted in mica carrier plate, freely protruding
- coils at one side or both sides
- height of coil (WH) max. 32mm (one sided) or max. 64mm (double sided)
- optional with 1 or 2 cut-outs (potential-free) or with fuse and cut-out at air inlet
- very rugged design
- heating of the complete air-flowed space, resulting in very uniform air heating
- low weight
- fast heating
- wattages of 25% up to 125% of the nominal wattage can be reached by varying electrical connections



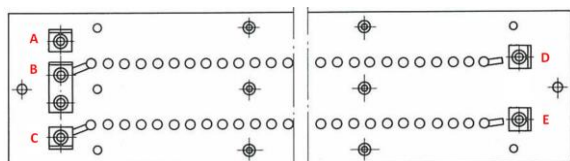
Technical Specifications

Voltage	220/380V AC 1~/2~/3~ 50/60Hz (further voltages on request)
Power	2x 500W - 3x 2000W (further power ratings on request) standard at length 597mm: 2x 2000W or 3x 1500W standard at length 800mm: 3x 1500W or 3x 2000W
Dimensions	width 50mm, length 597mm or 800mm (further lengths on request)
Connections	flat plugs 6,3x0,8mm, nickel plated steel

Example of an electrical connection:

The complete air-flowed space can be heated uniformly with a total power of 6 – 30 kW (stepped) by using 6 heating elements with a nominal individual power of 2x 2 kW.

version	connection					power of 1 heater	remark	total power of 6 heaters
	A	B	C	D	E			
1	L	---	N	---	---	1000W	2x 0,5kW	6kW
2	L	---	---	---	N	1333W	1x 1333W	8kW
3	L	N	---	---	---	2000W	1x 2,0kW	12kW
4	L1	---	L2	---	---	2983W	1x 2983W	18kW
5	L	N	L	---	---	4000W	2x 2,0kW	24kW
6	L1	---	Diode N	---	L2	4977W	3977W+1000W	30kW



Technical modifications reserved



PDB 1402 Index 3

Eichenauer Inc.

292 Sunapee Street · Newport NH 03773-1232
 ☎ +1 (603) 863-1454 · 📠 +1 (603) 863-1248 ✉ info@eichenauerusa.com
www.eichenauerusa.com

