

Insulated PTC Air Heaters (HRP)

230V Version with Frame

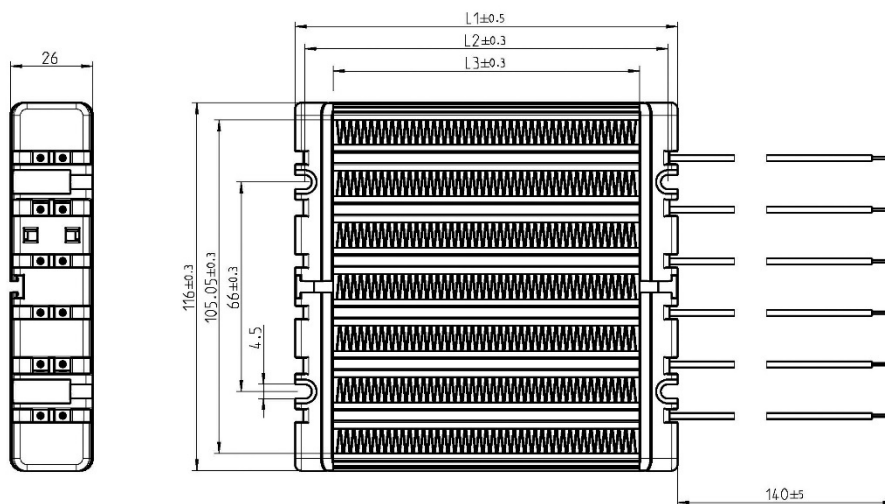


Insulated PTC Air Heaters with frame	HRP S	HRP M	HRP L	HRP S	HRP M	HRP L
Fin shape	Delta			V		
Rated voltage (V)	230			230		
Heating capacity 230V at 20°C & 300m³/h (W)	790	1230	1550	1110	2000	2570
Inrush current at 230V (A)	7	14	18	6	12	19
Differential pressure at 20°C, 200m³/h (Pa)	56	26	16	237	127	72
Length (L1) of heater (mm)	120,6	174,6	231	120,6	174,6	231
Width (mm)	116			116		
Heating circuits	6			6		
Standard wire length (mm)	160			160		

FEATURES

- Electrically insulated PTC finned resistor heaters with high resistance to moisture and dirt for homogeneous heating of air flows
- Power up to 3kW per heating element
- Suitable for a voltage of 230V AC or DC
- Power control of heating element is possible via PWM (please read user instructions)
- Other voltages available (115V, 400 - 600V)
- Special voltages on request (e.g., 48V, 80V if validated in customer's application)
- High safety and energy efficiency thanks to PTC effect
- Electrically insulated, encapsulated heating elements
- T-slot end rail (4.5mm)
- Homogeneous load at three-phase connection
- Available in standard sizes S, M, L - with V or Delta-fin
- Plastic end plates with integrated screw points for thermal insulation
- Optional: temperature limiter with mounting clip or temperature limiter encapsulated

DRAWING



HRP with housing – Side view & Front view

APPLICATIONS

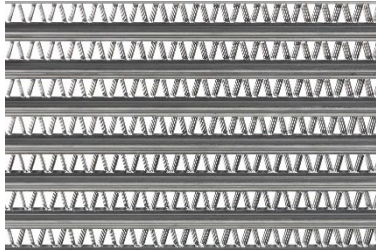
- Pre- or post-heater for building climatization and ventilation systems with heat recovery (low energy houses)
- Heater for railway applications
- *These products are based on a modular system and are suitable for a wide range of applications. Please always consult with our sales team to discuss your specific application - we are happy to assist!*

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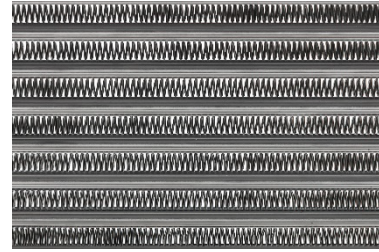
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FIN SHAPES



Delta-shaped fin



V-shaped fin

ACCESSORIES

Temperature limiter encapsulated (UP62) for integration in end plate. Pre-assembled at the factory. Only as signal transmitter for relays.



Uninsulated temperature limiter (TH10) with mounting clip to switch the heater or as signal transmitter for relays.



INSTALLATION OPTIONS



Screw points integrated in end plate

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