

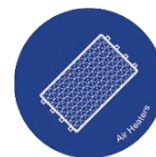
Insulated Air Heaters HRP (protected) with housing



Size L

Size M

Size S

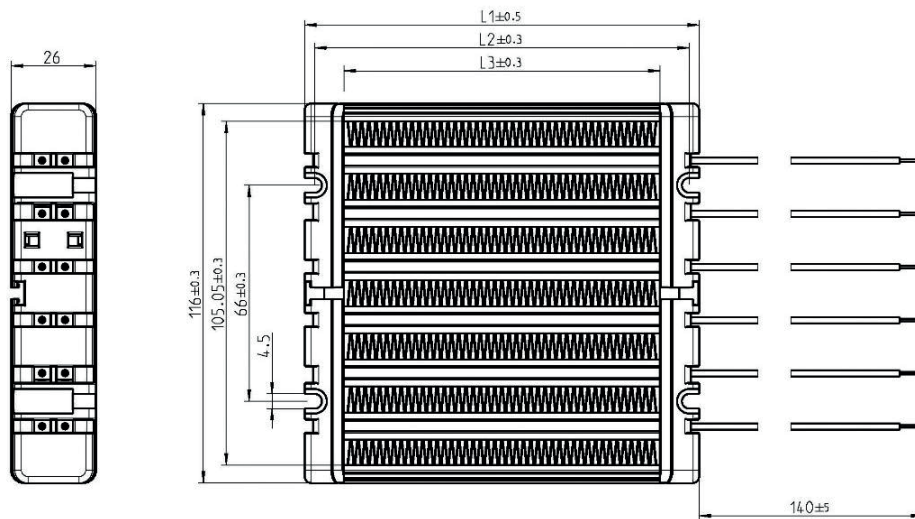


| HRP | HRP S | HRP M | HRP L | HRP S | HRP M | HRP L |
|--|-----------|-------------|-------------|-------------|-------------|-------------|
| Fin shape | Delta | | | V | | |
| Rated voltage (V) | 230 - 400 | | | 230 - 400 | | |
| Heating capacity 230V 400V at 20°C & 300m³/h (W) | 790 870 | 1230 1270 | 1550 1600 | 1110 1170 | 2000 2050 | 2570 2750 |
| Inrush current at 230V 400V (A) | 7 14 | 14 26 | 18 31 | 6 12 | 12 22 | 19 35 |
| Differential pressure at 20°C, 200m³/h (Pa) | 56 | 26 | 16 | 237 | 127 | 72 |
| Protection class | II | | | II | | |
| 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 for homogeneous heating of air streams, with high resistance to moisture, dirt and vibration
- Power up to 3kW per heating element
- Multi-voltage capable in the range of 230 - 400V AC or DC
- Other voltages available (115V, 400-600V)
- Special voltages on request (eg. 48V, 80V, 850V 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

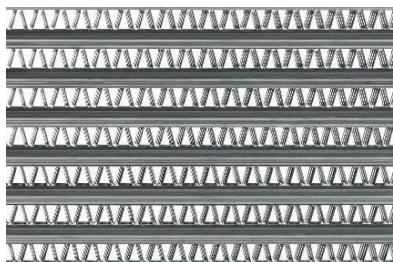


HRP with housing – Side view & Front view

APPLICATIONS

- Pre- or post-heater for building climatisation and ventilation systems with heat recovery (low energy houses)
- Heater for railway applications
- Cabin heating for special vehicles, eg. cockpit heater in electric vehicles

FIN SHAPES



Delta fin



V 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

