

# Insulated PTC Air Heaters 115V (HRP)

115V Version without Frame

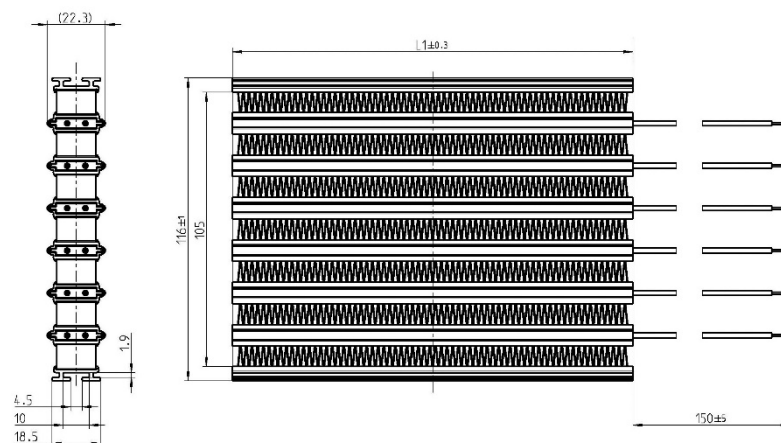


Insulated PTC Air Heaters without frame	HRP S	HRP M	HRP L	HRP S	HRP M	HRP L
Fin shape	Delta			V		
Rated voltage AC/DC (V)	115			115		
Heating capacity 115V at 20°C & 300m³/h (W)	840	1360	1610	1080	1920	2500
Inrush current at 115 (A)	12	24	39	12	14	39
Differential pressure at 20°C, 200m³/h (Pa)	56	26	16	237	127	72
Length (L1) of heater (mm)	99,6	153,6	210	99,6	153,6	210
Width (mm)	116			116		
Heating circuits	6			6		
Standard wire length (mm)	170			170		

## 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 115V AC or DC
- Power control of heating element is possible via PWM (please read user instructions)
- Other voltages available (230V, 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
- Optional: mounting slider with screw points, encapsulated temperature limiter (signal transmitter only)

## DRAWING



HRP without housing – side view & front view

## APPLICATIONS

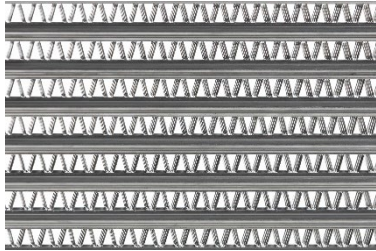
- Pre- or post-heater for building climatization and ventilation systems with heat recovery (low energy houses)
- Heater for railway applications
- *These products are based on a modular system and are suitable for a wide range of applications. Please always consult with our sales team to discuss your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

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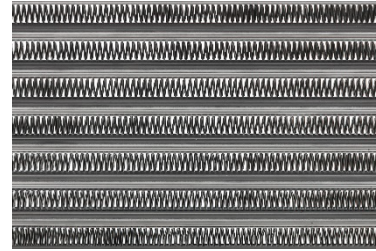
115V Version without Frame



## FIN SHAPES

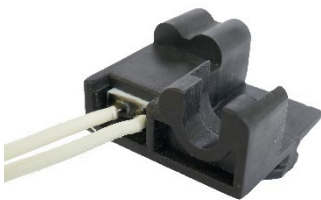


Delta-shaped fin



V-shaped fin

## ACCESSORIES



Mounting slider with  
temperature limiter

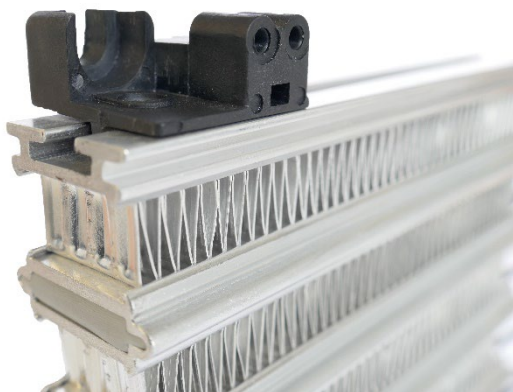


Mounting slider



Temperature limiter, encapsulated  
(signal transmitter only)

## INSTALLATION OPTIONS



Mounting slider with screw  
points



Individual mounting via  
T-slot rail 4.5mm

