

# Modular PTC heat register



20mm and 40mm version



Version with 6 screwed together components

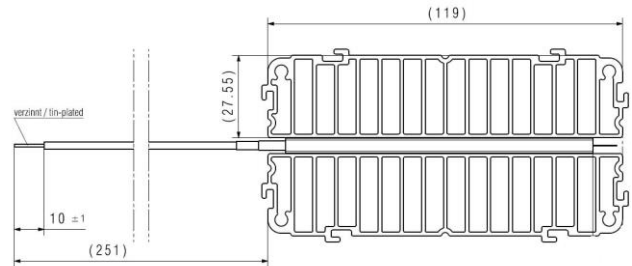
## Typical Applications

Air pre-heating (defroster protection) and air post-heating in ventilation systems and other applications in air flows

## Characteristics

- high reliability
- self regulating PTC units
- modular design (elements can be screwed together)
- low pressure loss
- potential-free components
- available in two versions (20mm and 40mm)

100 % electrical inspection of the article during production.  
Quality documents are not part of the scope of delivery.



## Technical Specifications

|                                       | Module size 20mm                                                                              | Module size 40mm                           |
|---------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------|
| Dimensions                            | width 120 mm<br>height 60 mm<br>depth 20mm                                                    | width 120 mm<br>height 60 mm<br>depth 40mm |
| Power                                 | approx. 250 W                                                                                 | approx. 350 W                              |
| Inrush current at 240 VAC             | max. 2,2 A per PTC unit                                                                       | max. 2,5 A per PTC unit                    |
| Voltage                               | 220 V to 240 V AC 50/60 Hz                                                                    |                                            |
| Max. surface temperature in still air | < 200° C                                                                                      |                                            |
| Protection class                      | I (Protection class II can be achieved with suitable protective measures during installation) |                                            |
| IP protection class                   | IP 33                                                                                         |                                            |
| Connections                           | standard length 250 mm, stripped ends 10 mm                                                   |                                            |
| Unsusceptible to                      | salty air                                                                                     |                                            |
| Minimum operating temperature         | -40° C                                                                                        |                                            |

## Variations:

|           |                               |
|-----------|-------------------------------|
| Voltage   | 12 V to 240 V                 |
| Power     | per module: 50 W to 350 W     |
| Connector | customized plug(s)            |
| Other     | other customized applications |

Technical modifications reserved



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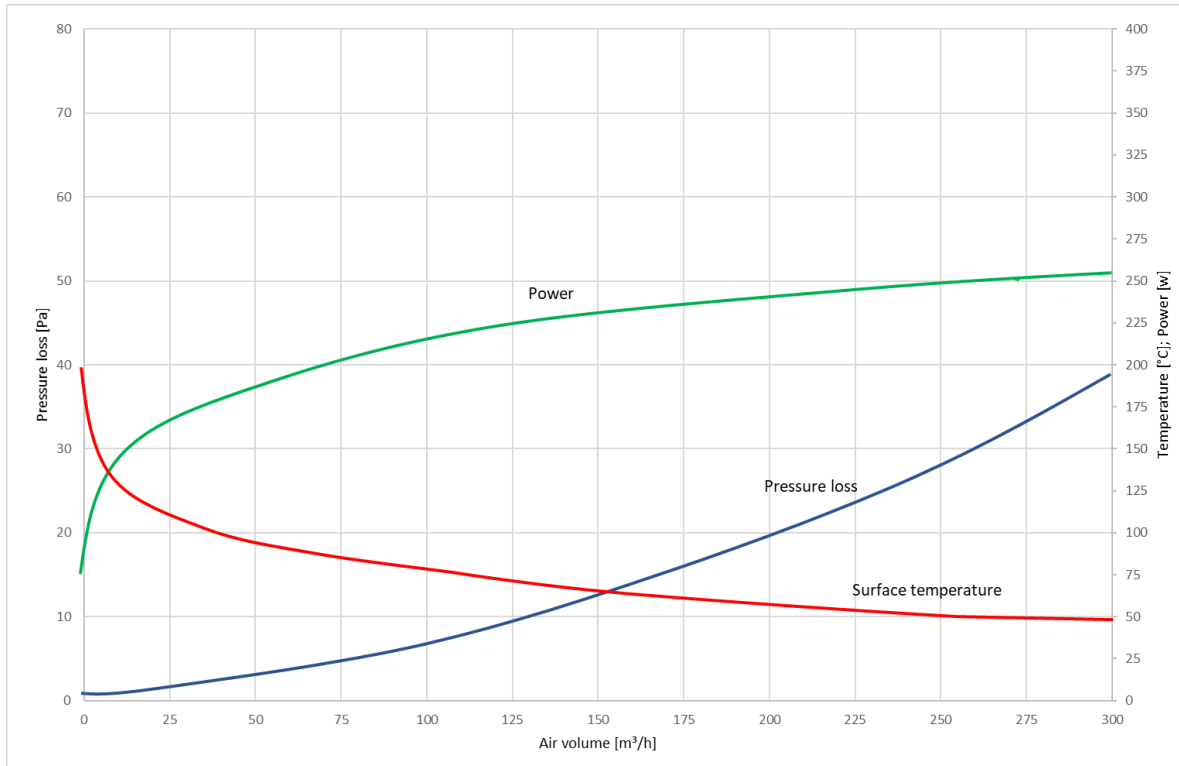
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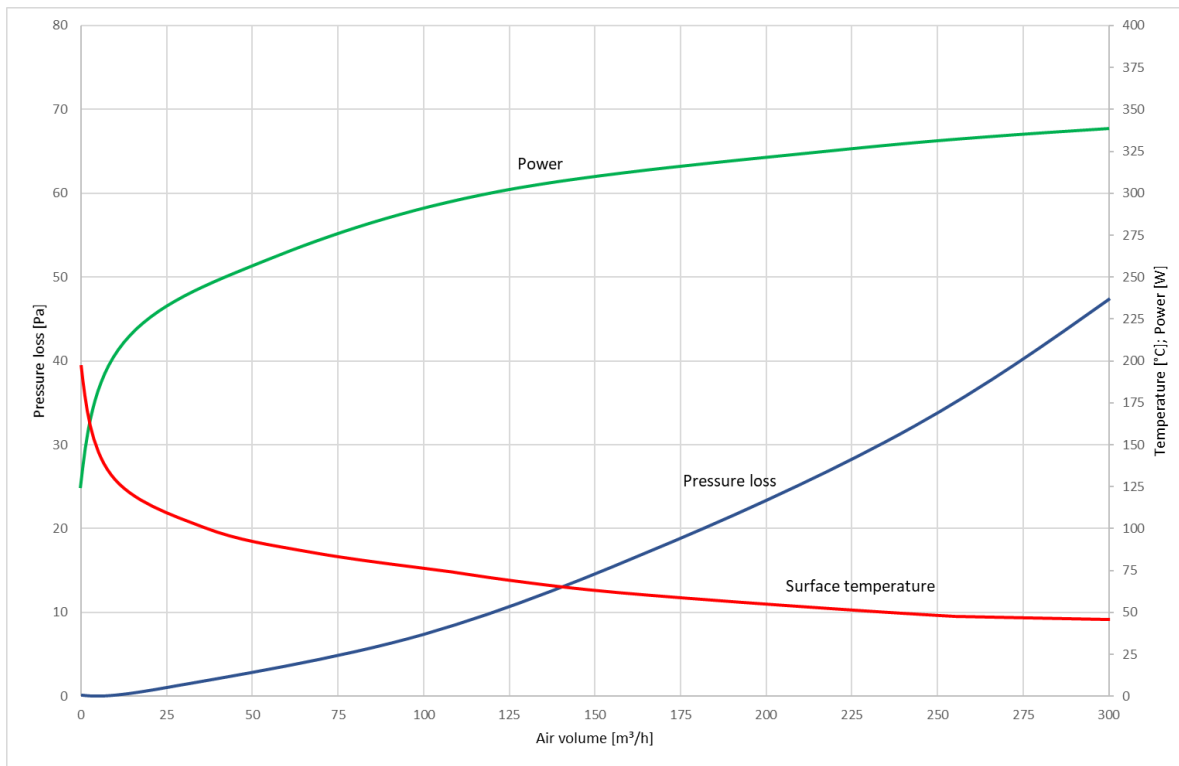
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## Technical measurement data



Type 20mm



Type 40mm

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