

PTC HEATING ELEMENT B34-96-3



Description

This PTC ceramic heater is designed for the heating of forced air and can be incorporated in a variety of heating appliances and systems.

The PTC technology offers many advantages compared to conventional resistance heaters. E.g. the self regulating temperature control and automatic temperature limiting effect offers increased safety and eliminates the need of extra thermal protection.

Technical specification

| | | |
|---------------------|--|--------------------|
| Article number | 3050230901 | |
| Material | Ceramic: | BaTiO ₃ |
| | Fin: | Aluminium |
| | Adhesive, coating: | Silikon |
| | Frame: | PPS R7 |
| Rated voltage | 230Vac ± 15% | |
| Rated power | 820W ± 10% @ 48m ³ /h, 25°C | |
| Voltage resistance | 360 Vac/1 min | |
| I _{inrush} | < 16A | |
| T _{curie} | 220 ± 7°C | |
| R25 | 50-250 Ω @ 25°C | |

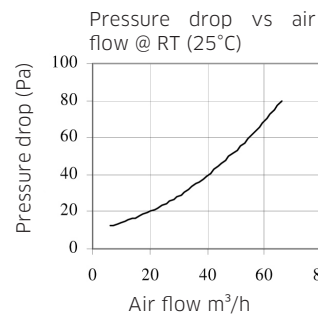
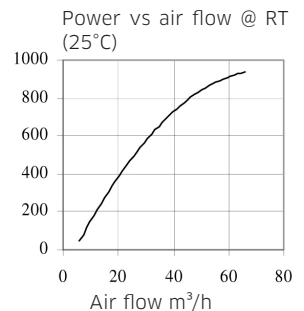
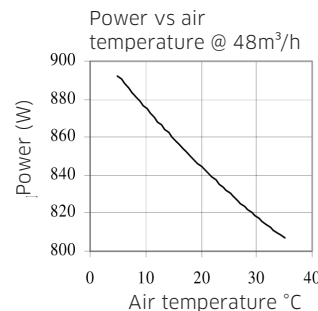
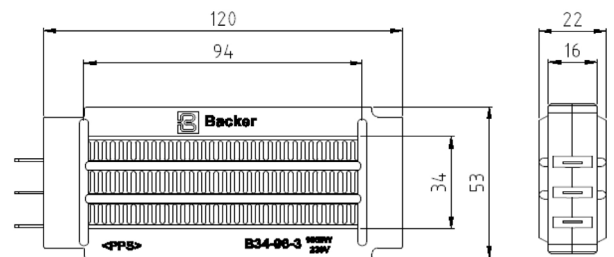
PTC Elements

BENEFITS

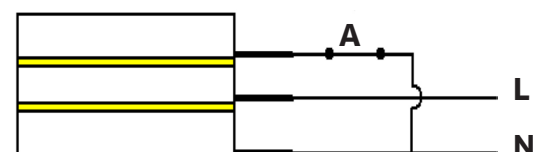
- Rapid heating
- Heating power controlled by the air flow
- Compact construction
- Large heat transferring surface
- Uniform heating without power variation
- Economic; less wiring needed
- Long life

FIELDS OF APPLICATION

- Heat systems for vehicles
- Fan heaters
- Tumble dryers
- Dehumidifiers
- Cabinet heaters
- Hot air curtains
- Hand dryers



Connection diagram:



Alternative power output of the element when connected to a power supply:

- A closed 1/1 power
- A open ~1/2 power