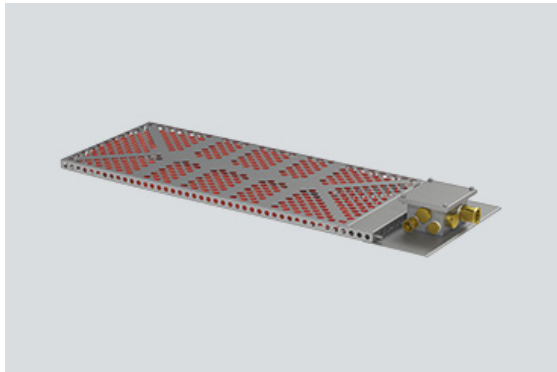


TEF92073004 Art. No. 220185



- Low profile, easy to fit inside cabinets
- Self-regulating heating element. Prevents overheating
- Rugged AISI 316L, acid steel construction
- Low maintenance
- For use inside equipment enclosures and cabinets to prevent condensation and provide climatic control
- Frost protection

**MY R. STAHL T9207B**



Globally approved Ex e, self regulating enclosure heater. AISI 316L acid resistant steel enclosure and junction box. Junction box for electrical connections. Delivered with power output from 100 W up to 600 W at 0 °C.

## Technical Data

### Explosion Protection

|                                |                          |
|--------------------------------|--------------------------|
| Application range (zones)      | 1, 2                     |
| IECEX gas certificate          | IECEX NEM 11.0005X       |
| IECEX gas explosion protection | Ex e IIC T3 Gb           |
| ATEX gas certificate           | NEMKO 11ATEX1098X        |
| ATEX gas explosion protection  | Ex II 2 G Ex e IIC T3 Gb |

### Electrical Data

|                 |            |
|-----------------|------------|
| Power           | 400 W      |
| Frequency range | 50 – 60 Hz |

### Ambient Conditions

|                     |                          |
|---------------------|--------------------------|
| Ambient temperature | -50 °C ... +50 °C (live) |
| Storage temperature | -50 °C ... +80 °C        |

### Mechanical Data

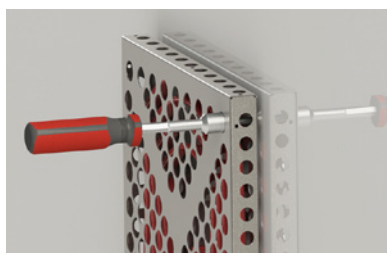
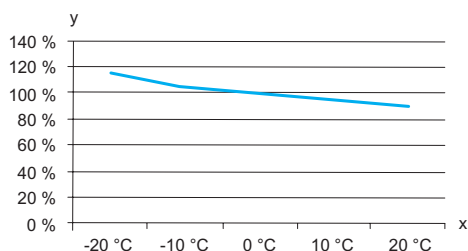
|                                                |                        |
|------------------------------------------------|------------------------|
| Version                                        | Sandwich design        |
| Degree of protection (IP)                      | IP66                   |
| Enclosure material                             | Stainless steel 1.4404 |
| Max. connection cross section, solid           | 4 mm <sup>2</sup>      |
| Max. connection cross-section, finely stranded | 2,5 mm <sup>2</sup>    |
| Cable length                                   | 0 m                    |
| Dimension A                                    | 303 mm                 |
| Dimension B                                    | 684 mm                 |
| Dimension C                                    | 80 mm                  |
| Dimension D                                    | 80 mm                  |
| Dimension E                                    | 440 mm                 |
| Dimension F                                    | 276 mm                 |
| Weight                                         | 6.44 kg                |
| Weight                                         | 14.2 lb                |

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### Components

|                          |               |
|--------------------------|---------------|
| Drilled holes            | 4 x M25       |
| Cable glands and entries | 1 x M25 x 1.5 |
| Stopping plugs           | 3 x M25 x 1.5 |

### Technical Drawings – Subject to Alterations

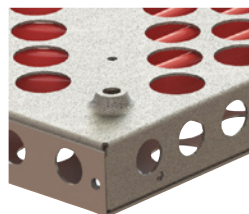


Use a tool to tighten the screws firmly to secure the heater.



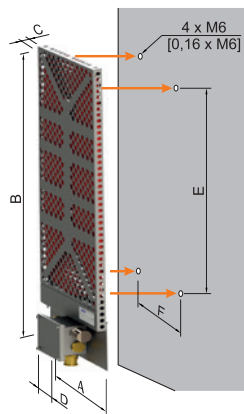
#### Sandwich design

Insert 4 x M6 screws and washers in the mounting brackets as shown. Use a wrench for tightening the screws firmly.

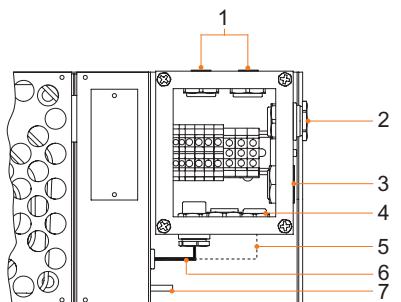


4 x Ø 6 mm mounting holes on the rear side of the heater

### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



**Note!** Never install the heater with junction box facing upwards.



- 1 Stopping plug M25
  - 2 Power in M25
  - 3 Breather M25
  - 4 Stopping plug M25
  - 5 <sup>1</sup> 2x cold lead only (for sandwich design)
  - 6 <sup>1</sup> Cold lead
  - 7 Earth bolt M6 x 10
- <sup>1</sup> internal cables from heater plate (installed at TRANBERG Factory)

| Nominal output <sup>1)</sup> | Overall dimensions |      |    |    | Mounting dimensions |     | Weight   |
|------------------------------|--------------------|------|----|----|---------------------|-----|----------|
|                              | A                  | B    | C  | D  | E                   | F   |          |
| 100 W                        | 200                | 430  | 30 | 80 | 190                 | 160 | 2.92 kg  |
| 200 W                        | 240                | 684  | 30 | 80 | 440                 | 200 | 4.74 kg  |
| 300 W                        | 280                | 834  | 30 | 80 | 590                 | 240 | 6.72 kg  |
| 400 W                        | 303                | 684  | 80 | 80 | 440                 | 276 | 6.44 kg  |
| 500 W                        | 360                | 1004 | 30 | 80 | 760                 | 320 | 9.32 kg  |
| 600 W                        | 343                | 834  | 80 | 80 | 590                 | 316 | 11.76 kg |
| 1000 W                       | 424                | 1004 | 80 | 80 | 760                 | 397 | 18.50 kg |

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<sup>\*)</sup> **Note: Nominal output at still air at 0 °C**

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.