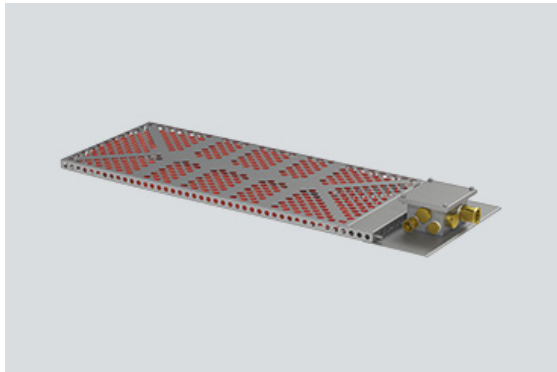


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- Low profile, easy to fit inside cabinets
- Self-regulating heating element. Prevents overheating
- Rugged AISI 316L, acid steel construction
- Low maintenance
- For use inside equipment enclosures and cabinets to prevent condensation and provide 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           | 500 W      |
| Frequency range | 50 – 60 Hz |

### Ambient Conditions

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

### Mechanical Data

|                                                |                        |
|------------------------------------------------|------------------------|
| 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                                    | 360 mm                 |
| Dimension B                                    | 1004 mm                |
| Dimension C                                    | 30 mm                  |
| Dimension D                                    | 80 mm                  |
| Dimension E                                    | 760 mm                 |
| Dimension F                                    | 320 mm                 |
| Weight                                         | 9.32 kg                |
| Weight                                         | 20.55 lb               |

### Components

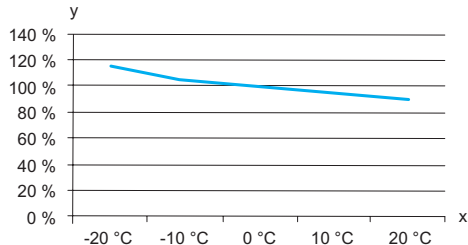
|               |         |
|---------------|---------|
| Drilled holes | 4 x M25 |
|---------------|---------|

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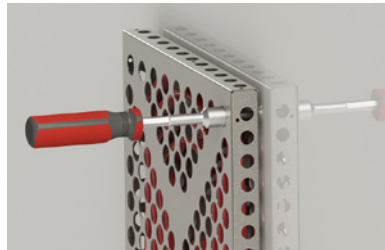
### Components

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

### Technical Drawings – Subject to Alterations



Estimated power output of heater in respect to ambient temperature  
y = Effect %, x = Ambient temperature °C

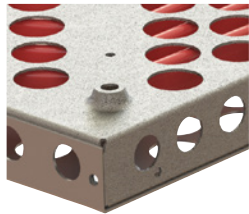


Use a tool to tighten the screws firmly to secure the heater.



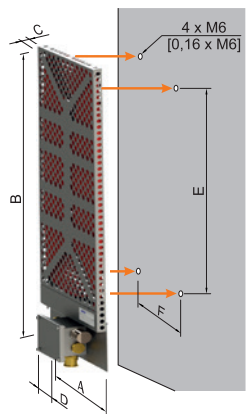
#### Sandwich design

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

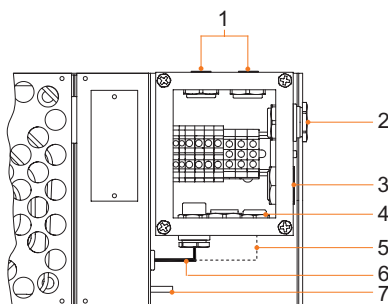


4 x Ø 6 mm mounting holes on the rear side of the heater

### 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>\*)</sup> 2x cold lead only (for sandwich design)
  - 6 <sup>\*)</sup> Cold lead
  - 7 Earth bolt M6 x 10
- <sup>\*)</sup> internal cables from heater plate (installed at TRANBERG Factory)

| Nominal output <sup>*)</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 |

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

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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.