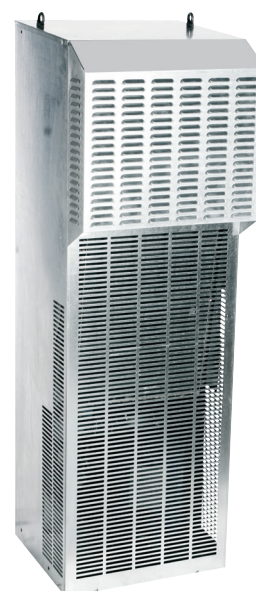


# Cooling units 4000 W

## DTS 3561 (NEMA 3R/4)

## DTS 3581 (NEMA 4/4X)

- particularly suitable for the food industry and outdoor applications
- high protection system IP 56, maintenance-free
- optionally available in stainless steel
- condenser with 3 mm fin spacing, highly effective protection against strongly contaminated ambient air
- large distance between intake and exhaust vents, safe circulation within the electrical enclosure due to long passage of air, therefore hot spots are eliminated
- integrated condensate evaporation system



| Data                                      |          | DTS 3561 (NEMA 3R/4)  |                | DTS 3581 (NEMA 4/4X) |   | Unit                |         |
|---|----------|---|----------------|----------------------|---|---------------------|---------|
| Article number                            |          | standard controller   |                | 13383532355          |   | 13383532158         |         |
|   |          | AC 50 Hz / 60 Hz  |                |                      |   |                     |         |
| Rated voltage ± 10 %                      |          | 400 / 460 3~  |                |                      |   |                     | V       |
| Cooling performance according to EN 14511 | L35/L35  | 4000  |                |                      |   |                     | W       |
|   | L35/L50  | 3100  |                |                      |   |                     |         |
| Power consumption                         | L35/L35  | 1365 / 1815   |                |                      |   |                     |         |
| Current consumption                       | L35/L35  | 4.4   |                |                      |   |                     | A       |
| Starting current                          | L35/L35  | 16  |                |                      |   |                     |         |
| Unimpeded airflow (free flow)             | internal | 1340  |                |                      |   |                     | m³/h    |
|   | external | 2380  |                |                      |   |                     |         |
| Pre fuse T                                |          | 10  |                |                      |   |                     | A       |
| Type of connection                        |          | spring-type terminal included with plug                                     |                |                      |   |                     |         |
| Noise level (according to EN ISO 3741)    |          | < 72  |                |                      |   |                     | dB (A)  |
| Weight (without packaging)                |          | 104   |                | 105                  |   |                     | kg      |
| Ambient temperature range                 |          | + 15 ... + 55 / + 59 ... + 131  |                |                      |   |                     | °C / °F |
| Control range (adjustable)                |          | + 25 ... + 45 / + 77 ... + 113; factory setting + 35 / + 95                 |                |                      |   |                     |         |
| Refrigerant                               | type     | R134a   |                |                      |   |                     |         |
|   | quantity | 1200  |                |                      |   |                     | g       |
| Duty cycle                                |          | 100%  |                |                      |   |                     |         |
| Condensate management                     |          | integrated condensate evaporation system with safety overflow               |                |                      |   |                     |         |
| Protection system according to NEMA type  | 3R/4     | towards the electrical enclosure<br>if used as intended by the manufacturer |                |                      | -   |                     |         |
|   | 4/4X     | -   |                |                      | towards the electrical enclosure<br>if used as intended by the manufacturer |                     |         |
|   | 1        | towards the surroundings if used as intended by the manufacturer            |                |                      |   |                     |         |
| Design                                    | housing  | galvanised sheet steel  |                |                      |   |                     |         |
|   | cover    | galvanised/electrostatically powder coated (200 °C)                         |                |                      | 304 rust proof stainless steel  |                     |         |
| Colour (cover)                            |          | RAL 7035¹   |                |                      | -   |                     |         |
| Accessories                               |          | Piece   | Article number |                      |   | Information on page |         |
| Condensate bottle                         |          | 1   | 18314000100    |                      |   | 64                  |         |

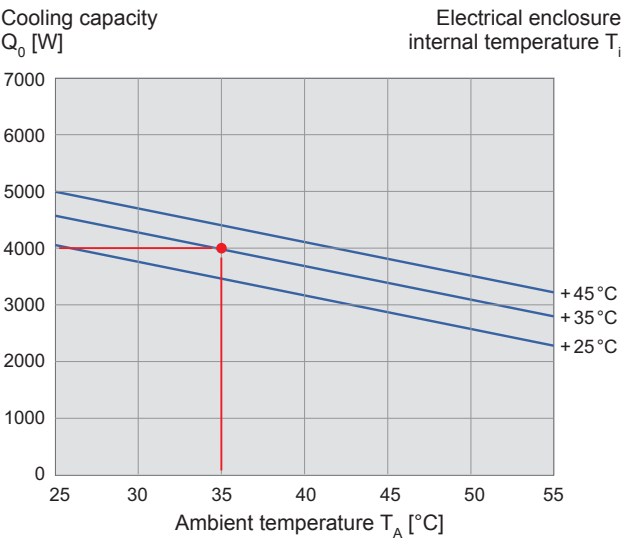
<sup>1</sup> different colours available on request

Approvals see page 18

For additional information to ensure the accurate setting of the motor protection switch, please see technical specific data sheet. This information is included with the delivery of the unit or can be found at [www.pfannenberger.com](http://www.pfannenberger.com).

Cooling capacity performance curves

DTS 3561/3581



Dimensions

|    | X   | Y    | Z   | A   | B   | C   | D   | E    | F   | G   | H  | I   | J   | K   | L   | M  |
|----|-----|------|-----|-----|-----|-----|-----|------|-----|-----|----|-----|-----|-----|-----|----|
| mm | 483 | 1502 | 534 | 590 | 285 | 150 | 380 | 67.5 | 216 | 280 | 26 | 420 | 210 | 310 | 320 | 20 |

Mounting holes  $\varnothing$  10 mm

DTS 3561/3581

