

DTI/DTS 6401

Green Series COOLING UNITS 2000 W

DTI: for partially recessed mounting of the cooling unit in the door or side

DTS: for outer mounting of the cooling unit on the door or side

- Highest energy efficiency for significant energy savings and operating cost reduction
- Significantly less refrigerant used
- UL listed according to UL 60335 for long-term planning even after 2024
- Large distance between intake and exhaust vents, safe circulation within the electrical enclosure due to long passage of air, therefore hot spots are eliminated
- Exceptional serviceability
- Service port for easy retrieval of parameter settings/history (Pfannenberg eCOOL-Plant software necessary)
- Optional filter (easy to retrofit – toolless)



| PRODUCT | | DTI 6401 | | DTS 6401 | | |
|-------------|---------|----------------|-------------|----------------|-------------|------|
| | | 400 / 460 V AC | 230 V AC | 400 / 460 V AC | 230 V AC | |
| ARTICLE NO. | SC | 13899412055 | 13899411055 | 13889412055 | 13889411055 | Unit |
| ARTICLE NO. | MC | 13899422055 | 13899421055 | 13889422055 | 13889421055 | |
| ARTICLE NO. | V2A, SC | 13899412015 | 13899411015 | 13889412015 | 13889411015 | |
| ARTICLE NO. | V2A, MC | 13899422015 | 13899421015 | 13889422015 | 13889421015 | |

| DATA | | AC 50 60 | | | | |
|---|-------------------------------------|--|------------|--------------|------------|---------|
| Rated voltage ¹ ±10 % | | 400 460 3~ | 230 | 400 460 3~ | 230 | Hz V |
| Cooling capacity according to EN 14511 | A35/A35 | 2000 | | | | W |
| | A35/A50 | 1500 | | | | |
| Power consumption | A35/A35 | 727 911 | 931 1126 | 727 911 | 931 1126 | A |
| Starting current | A35/A35 | 7,7 | 21,8 | 7,7 | 21,8 | |
| Energy efficiency ratio | $\epsilon_{ke} = \frac{Q_n}{P}$ COP | 2,75 | 2,1 | 2,75 | 2,1 | m³/h |
| Unimpeded airflow (free flow) | internal | 1175 | | | | |
| | external | 945 | | | | |
| Pre fuse T | | 4 | 10 | 4 | 10 | A |
| Type of connection | | spring-type terminal included with plug | | | | |
| Weight (without packaging) | | 63 | 55 | 66 | 58 | kg |
| Ambient temperature | | +10 ... +55 + 50 ... + 131 | | | | °C °F |
| Control range (adjustable) | | + 25 ... + 45 + 77 ... + 113 | | | | |
| Refrigerant | R134a | 500 | | | | g |
| Condensate management | | integrated condensate evaporation system with safety overflow | | | | |
| Protection system according to EN 60529 | IP 55 | towards the electrical enclosure if used as intended by the manufacturer | | | | |
| | IP 24 | towards the surroundings if used as intended by the manufacturer | | | | |
| Design | Gehäuse | galvanised sheet steel | | | | |
| | Haube | electrostatically powder coated (200 °C) or stainless steel | | | | |
| Colour | | RAL 7035 different colours available on request or stainless steel | | | | |

¹ 115 V on request, suitable for various supply voltages (see technical data sheet).

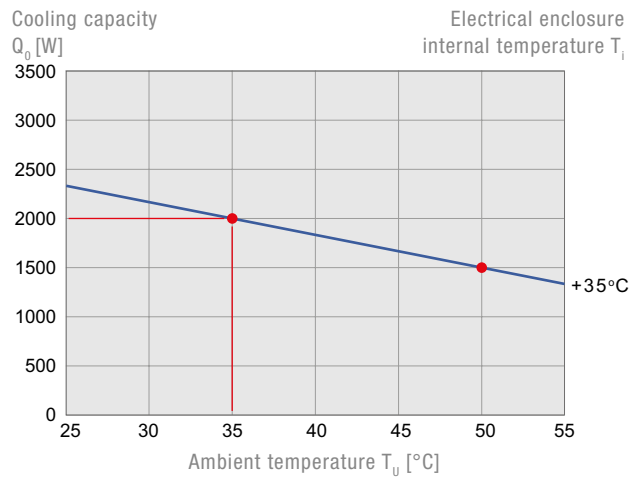
For additional information to ensure the accurate setting of the motor protection switch, please see technical specific data sheet. This information is included with the delivery of the unit or can be found at www.pfannenberg.com.

| ACCESSORIES | Piece | ARTICLE NUMBER |
|------------------|-------|----------------|
| Filter adapter | 1 | 18310000151 |
| Aluminium filter | 1 | 18300000149 |
| Vlies filter | 5 | 18300000147 |
| Fluted filter | 5 | 18300000148 |

For additional models, options and voltages visit www.pfannenberg.com or contact us directly.



Cooling capacity performance curves



Dimensions

| DTI | X | Y | Z1 | Z2 | K | L |
|-----|-----|------|-----|-----|------|-----|
| mm | 485 | 1537 | 158 | 120 | 1510 | 450 |

DTI variants partially recessed by 60 mm after installation

| DTS | X | Y | Z | A | B | C | D | E | F | G | H | I |
|-----|-----|------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|
| mm | 485 | 1540 | 278 | 700 | 282 | 220 | 10 | 450 | 510 | 290 | 315 | 350 |

Mounting holes \varnothing 8 mm and cut-out radii R20

| DTI 6401 | DTS 6401 |
|----------|----------|
|----------|----------|

