## **DTI/DTS 6301 ECOOL COOLING UNITS** 1500 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

- top EER (energy efficiency ratio)
- energy efficient: reduced CO<sub>2</sub> emissions = environment-friendly
- condenser with large fin spacing for highly effective protection in 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
- exceptional serviceability
- service port for easy retrieval of parameter settings/history (Pfannenberg *ECOOL*-Plant software necessary)
- optional filter (easy to retrofit toolless)
- energy-saving mode by default integrated into the Multi Controller
- DTI extremely fast and toolless installation of unit



| PRODUCT     |         | DTI         | 6301        | DTS         |             |        |
|-------------|---------|-------------|-------------|-------------|-------------|--------|
| ARTICLE NO. | DTI, SC | 13896319055 | 13896311055 | 13886319055 | 13886311055 |        |
| ARTICLE NO. | DTI, MC | 13896329055 | 13896321055 | 13886329055 | 13886321055 | Unit   |
| ARTICLE NO. | V2A, SC | 13896319015 | 13896311015 | 13886319015 | 13886311015 | – Unit |
| ARTICLE NO. | V2A, MC | 13896329015 | 13896321015 | 13886329015 | 13886321015 |        |
| DATA        |         |             |             |             |             |        |

| DATA  |                              |  |                            |                                     |             |       |  |  |
|---|------------------------------|--|----------------------------|-------------------------------------|-------------|-------|--|--|
| Rated voltage <sup>1</sup> ±10 %                    |                              |  | AC 5                       | 50   60                             |             | Hz    |  |  |
|   |                              | 400 2~   | 230                        | 400 2~                              | 230         | V     |  |  |
| Cooling capacity                                    | A35/A35                      |  | 1;                         | 500                                 |             |       |  |  |
| according to EN 14511                               | A35/A50                      |  | 1:                         | 200                                 |             | W     |  |  |
| Power consumption                                   | A35/A35                      | 786   863  | 727   868                  | 786   863                           | 727   868   |       |  |  |
| Current consumption                                 | A35/A35                      | 3.65   3.35  | 5.08   5.17                | 3.65   3.35                         | 5.08   5.17 | A     |  |  |
| Starting current                                    | A35/A35                      | 19.7   |                            |                                     |             |       |  |  |
| Energy efficiency ratio $\boldsymbol{\epsilon}_{k}$ | $_{e} = \frac{Q_{e}}{P} COP$ | 1.91   | 2.06                       | 1.91                                | 2.06        |       |  |  |
| Unimpeded airflow                                   | internal                     | 935  |                            |                                     |             |       |  |  |
| (free flow)   | external                     |  | 938                        |                                     |             |       |  |  |
| Pre fuse T  |                              | 6  | 16                         | 6                                   | 16          | A     |  |  |
| Type of connection                                  |                              | spring-type terminal included with plug                                  |                            |                                     |             |       |  |  |
| Noise level according to EN ISO 3741                |                              |  | < 62                       |                                     |             |       |  |  |
| Weight (without packaging)                          |                              | 55   | 50                         | 56                                  | 51          | kg    |  |  |
| Ambient temperature                                 |                              | +15 +55   + 59 + 131   |                            |                                     |             |       |  |  |
| Control range                                       | SC                           | + 2  | 25 + 45   + 77 + 11        | 13; factory setting + 35   +        | - 95        | °CI°F |  |  |
| (adjustable)  | MC                           | + 25 + 50   + 77 + 122; factory setting + 35   + 95                      |                            |                                     |             |       |  |  |
| Refrigerant   | R134a                        |  | 6                          | 600                                 |             | g     |  |  |
| Condensate management                               |                              | integrated condensate evaporation system with safety overflow            |                            |                                     |             |       |  |  |
| Protection system                                   | IP 54                        | towards the electrical enclosure if used as intended by the manufacturer |                            |                                     |             |       |  |  |
| according to EN 60529                               | IP 34                        | toward   | s the surroundings if used | d as intended by the manu           | facturer    |       |  |  |
| Design  | housing                      |  | galvanised                 | d sheet steel                       |             |       |  |  |
| Desigli   | cover                        | ele  | ctrostatically powder coa  | ted (200 °C) or stainless s         | teel        |       |  |  |
| Colour  |                              | RAL 70   | 35   different colours ava | lable on request or stainless steel |             |       |  |  |

<sup>1</sup> 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.



c**₩J**us ERE C€

| ACCESSORIES   | Piece | ARTICLE NUMBER |  |  |  |  |
|---|-------|----------------|--|--|--|--|
| Filter adapter  | 1     | 18310000151    |  |  |  |  |
| Aluminium filter  | 1     | 1830000149     |  |  |  |  |
| Vlies filter  | 5     | 1830000147     |  |  |  |  |
| Fluted filter   | 5     | 1830000148     |  |  |  |  |
| 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              | 1536          | 158            | 50      | 1510 |     |    |     |     | 450 |     |     |  |
| DTI varia | ants partially r | ecessed by 60 | mm after insta | llation |      |     |    |     |     |     |     |     |  |
| DTS       | Х                | Y             | Z              | Α       | В    | C   | D  | E   | F   | G   | Н   |     |  |
| mm        | 485              | 1539          | 218            | 700     | 282  | 220 | 10 | 450 | 510 | 290 | 315 | 350 |  |

DTI 6301

### DTS 6301





