

# INDOOR COOLING UNITS 300–2500 W



tool-less filter mat changing



protection system



top EER / energy saving



large distance in/out no hot spots



service friendly

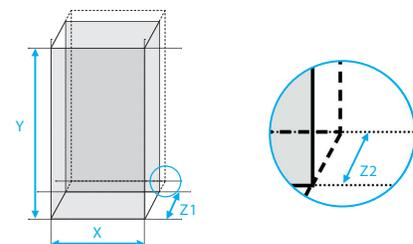


| PRODUCT                                 |            | DTS 8021E  | DTS 8031E  | DTS 8241E     | DTS 8341E     | DTS 8441E     | DTS 8541E     |       |
|---|------------|--|--|---------------|---------------|---------------|---------------|-------|
| ARTICLE NO.                             | 230V       | 130 4809 8325  | 130 4809 8335  | 130 8829 8055 | 130 8839 8055 | 130 8849 8055 | 130 8859 8055 | Unit  |
|   | 230V CM*   |  | 130 4809 8336  | 130 8829 8066 | 130 8839 8066 | 130 8849 8066 | 130 8859 8066 |       |
|   | 400V 2~    |  | 130 4809 9335  | 130 8829 9055 | 130 8839 9055 | 130 8849 9055 | 130 8859 9055 |       |
|   | 400V 2~CM* |  | 130 4809 9336  | 130 8829 9066 | 130 8839 9066 | 130 8849 9066 | 130 8859 9066 |       |
| Rated voltage ± 10%                     |            | AC 50/60Hz   |  |               |               |               |               |       |
|   |            | 230 V  | 400v 2~  |               |               |               |               |       |
| Cooling capacity according to EN 14511  | A35/A35    | 300  | 500  | 1000          | 1500          | 2000          | 2500          | W     |
|   | A35/A50    | 160  | 330  | 840           | 900           | 1400          | 1800          |       |
| Power consumption                       | A35/A35    | 285  | 289/358  | 513/589       | 596/632       | 734/784       | 1068/1089     | A     |
| Current consumption                     | A35/A35    | 1.32   | 1.47/1.46  | 2.42/1.90     | 2.75/2.01     | 3.40/2.46     | 4.74/2.95     |       |
| Starting current                        | A35/A35    | 3  | 3.5  | 10.5          | 11            | 15            | 18.4          |       |
| Pre fuse T                              |            | 3  | 3  | 3.75          | 4             | 5             | 6             |       |
| Type of connection                      |            | spring-type terminal included with plug                                  |  |               |               |               |               |       |
| Unimpeded airflow (free flow)           | internal   | 224  | 275  | 570           | 1000          | 1000          | 1520          | m³/h  |
|   | external   | 282  | 590  | 1000          | 1000          | 1340          | 1520          |       |
| Ambient temperature                     |            | +15 ... +55/+59...+131   |  |               |               |               |               | °C/°F |
| Control range (adjustable)              |            | +25 ... +45/ +77...113   factory setting +35                             |  |               |               |               |               |       |
| Noise level (EN ISO3741)                |            | ≤62  | ≤63  | ≤65           | ≤65           | ≤66           | ≤67           | dB(A) |
| Refrigerant                             | R134a      | 120  | 190  | 390           | 390           | 850           | 790           | g     |
| Condensate management                   |            | Condensate drain   | Condensate drain; integrated condensate evaporation system optional (cm) |               |               |               |               |       |
| Dimensions                              | Y×X×Z      | 400×282×160  | 675×325×200  | 1350×400×200  |               | 1350×400×230  |               | mm    |
| Weight (net)                            |            | 11.5   | 17.3/25.3  | 33.5/41.2     | 34.1/41.8     | 43.0/50.7     | 49.3/62.7     | kg    |
| Protection system according to EN 60529 | IP54       | towards the electrical enclosure if used as intended by the manufacturer |  |               |               |               |               |       |
|   | IP34       | towards the surroundings if used as intended by the manufacturer         |  |               |               |               |               |       |
| Design                                  | housing    | galvanised sheet steel   |  |               |               |               |               |       |
|   | cover      | electrostatically powder coated (200°C)                                  |  |               |               |               |               |       |
| Colour                                  |            | RAL7035  |  |               |               |               |               |       |
| Accessories                             | Piece      |  |  |               |               |               |               |       |
| Filter adaper                           | 1          |  | 18060200000  |               |               |               | 18310000151   |       |
| Aluminum fillter                        | 1          |  | -  |               |               |               | 18300000149   |       |
| Vlies filter                            | 5          |  | 18061600000  |               |               |               | 18300000147   |       |
| Fluted filter                           | 5          |  | -  |               |               |               | 18300000148   |       |
| External condensate evaporator system   | 1          |  |  |               | 18314000001   |               |               |       |
| Condensate bottle                       | 1          | 18314000000  |  |               |               |               |               |       |

\*CM: variant with integrated condensate management system, of which some of the electrical data varies from the table above. Please contact our sales or application engineering for more details.



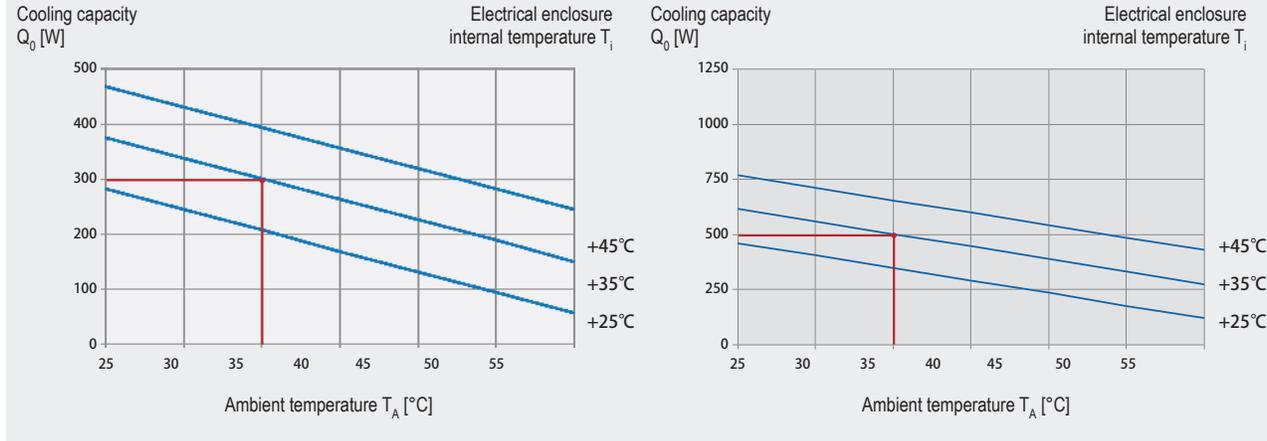
Comprehensive technical documentation such as  
 • operating instruction, technical data, approvals  
 • cut-out drawing, CAD | EPLAN | Zuken | WSCAD data  
 can be retrieved by entering this webcode in the search window on [www.pfannenber.com](http://www.pfannenber.com)



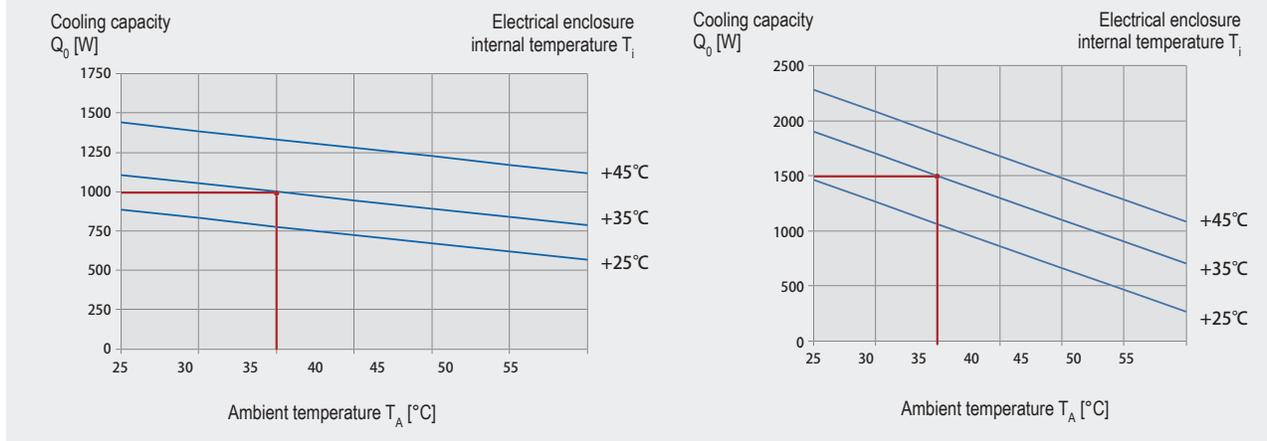
# Cooling capacity performance curves

COOLING UNITS

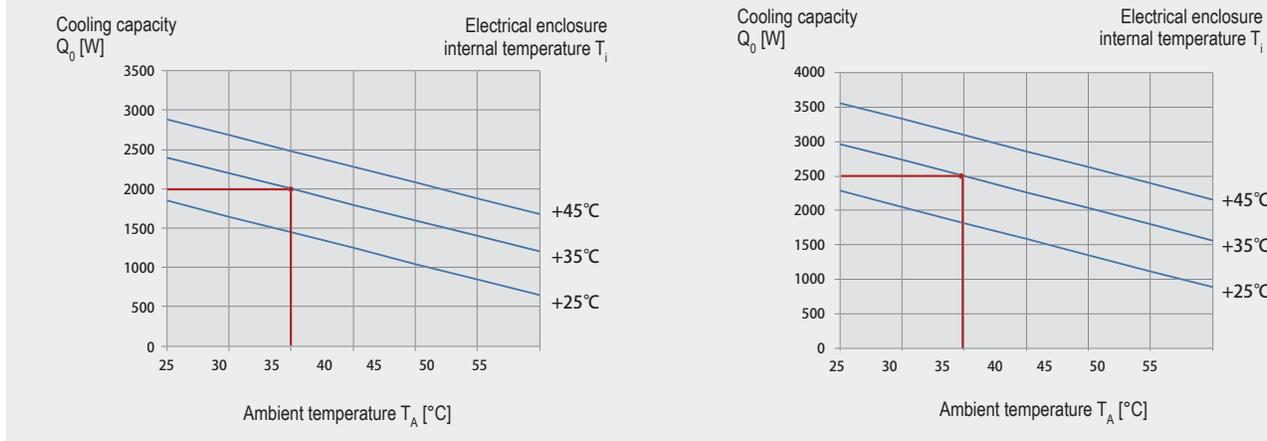
## DTS 8021E | DTS 8031E



## DTS 8241E | DTS 8341E

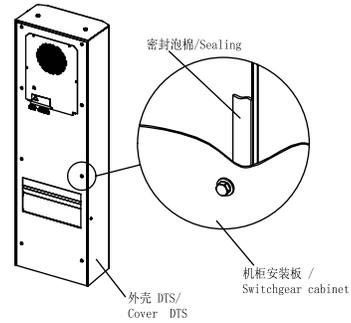
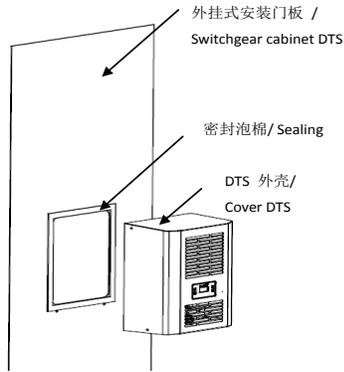


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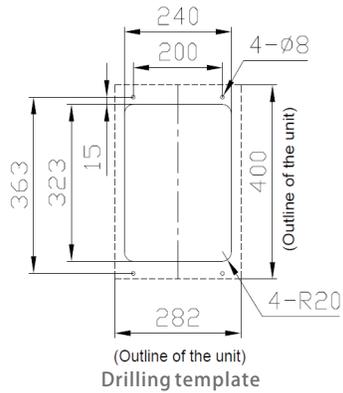


Dimensions

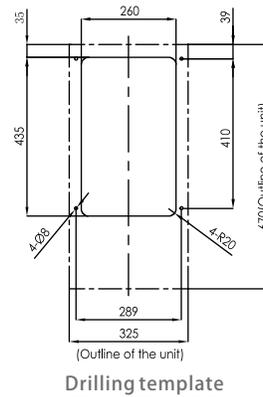
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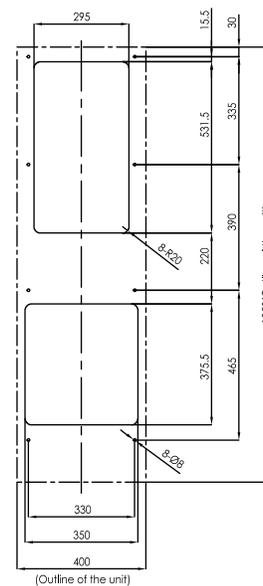
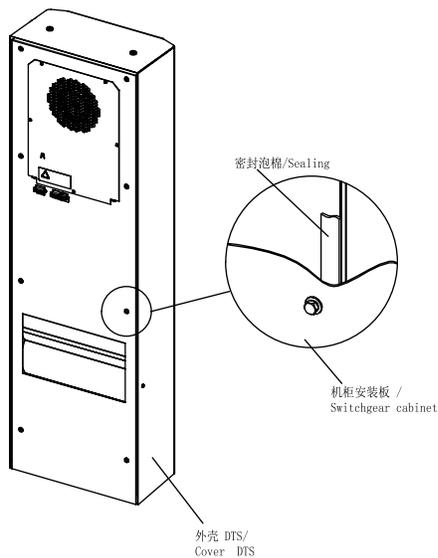
Sealing



Sealing



DTS 8241E | DTS 8341E | DTS 8441E | DTS 8541E



Sealing

Drilling template