

Cooling units for door- and side-mounting: 2500 W, 2000 W, 1500 W, 1400 W, 1100 W and 800 W

*Read about
our partially recessed
mounted DTI units
(page 16)*



- powerful radial fans ensure optimum air circulation inside the enclosure
- sealed with protective edging, no extensive work on the installation cutout necessary!
- DTS 7141, 7241 and 7341: temperature regulated by integrated thermostat
- new standard electronics for DTS 7541/7441
- DTS 7541/7441 are available as standard with special voltage 380V / 400V / 440V / 460V / 480V



Cutout compatibility



Max. clearance between air inlet and outlet



Eyebolts installation



Suitable for both 50 Hz and 60 Hz



Recessed installation



Level of protection in respect of enclosure (EN 60529)



Standard Controller for DTS 7541/7441



Optional extra

Refrigeration data	DTS 7541	DTS 7441	DTS 7341	DTS 7341 (400V/440V)	DTS 7241	DTS 7141
Cooling capacity (A35/A35)* Cooling capacity (A50/A35)*	2500 Watt 1800 Watt	2000 Watt 1500 Watt	1400 Watt 1200 Watt	1500 Watt 1280 Watt	1100 Watt 820 Watt	800 Watt 500 Watt
Type of refrigerant	R 134a					
Amount of refrigerant	850 g	850 g	530 g	530 g	480 g / 430 g	480 g
Thermostat setting	adjustable within a range of 25 °C (+ 77 °F) to 50 °C (+ 122 °F), factory-set at 35 °C (+ 95 °F)					
Overlap	4 K					
Flow volume (actual) – Condenser airflow – Evaporator airflow	1000 m ³ /h 900 m ³ /h	1000 m ³ /h 850 m ³ /h	450 m ³ /h 270 m ³ /h	760 m ³ /h 560 m ³ /h	450 m ³ /h 270 m ³ /h	450 m ³ /h 270 m ³ /h
Duty cycle	100 %					

* Refrigeration capacity according to EN 814

Electrical data	DTS 7541	DTS 7441	DTS 7341		DTS 7341 (400V/440V)	DTS 7241		DTS 7141
Rated voltage	400 V**	400 V**	230 V	115 V	400 / 440 V	230 V	115 V	230 V
Rated frequency	50 Hz / 60 Hz	50 Hz / 60 Hz	50 Hz / 60 Hz	60 Hz	50 / 60 Hz / 60 Hz	50 Hz / 60 Hz	60 Hz	50 Hz / 60 Hz
Voltage range	380 V ... 480 V	380 V ... 480 V	198 V ... 252 V	103 V ... 127 V	360 V ... 440 V / 396 V ... 484 V	198 V ... 252 V	103 V ... 127 V	198 V ... 252 V
Power consumption (A35/A35)	1400 W	1200 W	810 W	1100 W	920 W	670 W	780 W	443 W
Current consumption (A35/A35)	3,2 A	2,8 A	4,3 A	13,4 A	2,3 A	3,0 A	7,4 A	3,66 A
Starting current	11,5 A	10,4 A	16,5 A	26,8 A	9,3 A	14,7 A	24,9 A	12,4 A
Interne Steuerspannung					230 V			

** Rated voltage can be adjusted on the device within a range of 380–420 V (50 Hz) and 440–480 V (60 Hz)

Supplementary data	DTS 7541	DTS 7441	DTS 7341	DTS 7341 (400V/440V)	DTS 7241	DTS 7141
Weight (without packaging)	75 kg	75 kg	58 kg	58 kg	53 kg	50 kg
Orientation	vertical, for door- or side-mounting					
Unit construction	sheet steel					
Corrosion protection	galvanized / electrostatically powder-coated (200 °C); on request: stainless steel cover					
Colour	RAL 7035, RAL 7032; other colours available on request					
Insulation	according to EN 60529					
Climatic data	max. ambient temperature +55 °C max. relative humidity 80 %, A35 / A35 (EN 814)					
System of protection	IP 54 against the enclosure (EN 60529), when used as recommended IP 34 against the ambience (EN 60529), when used as recommended					
Type of connection	spring terminal with connection for mains voltage, door contact and fault contact			2 m power cord for mains voltage and fault contact		
Standard scope of supply	sealing material, fixing material, 1 m PVC-tube for condensate drain, technical datasheet and operating instructions					
Accessories	aluminium filter PFA 3000 for DTS 7241 / 7341 / 7141, PFA 6000 for DTS 7441 / 7541					
Approvals	see overview cooling units / approvals					

We reserve the right to technical alterations. Subject to correction. 07/5000053

