

DTI/DTS 6301C

εCOOL 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

- robust: steel cover, easily paintable
- compact design for smaller cabinets or to cool hot spots
- very high energy efficiency ratio (EER)
- interface to use εCOOL-Plant software at the Multi Controller (MC) model with operating hours counter and error history observation for preventive maintenance processes and exact error analysis
- service friendly due to direct access to the PCB and the fans, thus 80 % shorter repair times
- additional temperature sensor in the Multi Controller model allows the deactivation of the internal fan and condensate evaporation for additional 10 % energy savings and service life extension of the fan
- optional pre-filter upgradable with aluminum, vlies or fluted filter



PRODUCT		DTI 6301C DTS 6301C		Unit
ARTICLE NO.	DTI, SC	13895311055	13895319055	
ARTICLE NO.	DTI, MC	13895321055	13895329055	
ARTICLE NO.	DTS, SC	13885311055	13885319055	
ARTICLE NO.	DTS, MC	13885321055	13885329055	

DATA

Rated voltage ±10 %		AC 50 60		Hz
		230	400 2~	V
Cooling capacity according to EN 14511	A35/A35	1500		W
	A35/A50	850		
Power consumption	A35/A35	705 820	770 820	A
Current consumption	A35/A35	5 5.2	3.5 3.3	
Starting current	A35/A35	16		
Energy efficiency ratio $\epsilon_{ke} = \frac{Q_p}{P}$ COP		2.1	1.9	
Unimpeded airflow (free flow)	internal	885		m³/h
	external	885		
Pre fuse T		6	5	A
Type of connection		spring-type terminal included with plug		
Weight (without packaging)		40	45	kg
Ambient temperature		+15 ... +55 + 59 ... + 131		
Control range (adjustable)	SC	+ 25 ... + 45 + 77 ... + 113; factory setting + 35 + 95		°C °F
	MC	+ 25 ... + 50 + 77 ... + 122; factory setting + 35 + 95		
Refrigerant	R134a	580		g
Condensate management		integrated condensate evaporation system with safety overflow		
Protection system according to EN 60529	IP 54	towards the electrical enclosure if used as intended by the manufacturer		
	IP 34	towards the surroundings if used as intended by the manufacturer		
Design	housing	galvanised sheet steel		
	cover	electrostatically powder coated (200 °C)		
Colour		RAL 7035 different colours available on request		

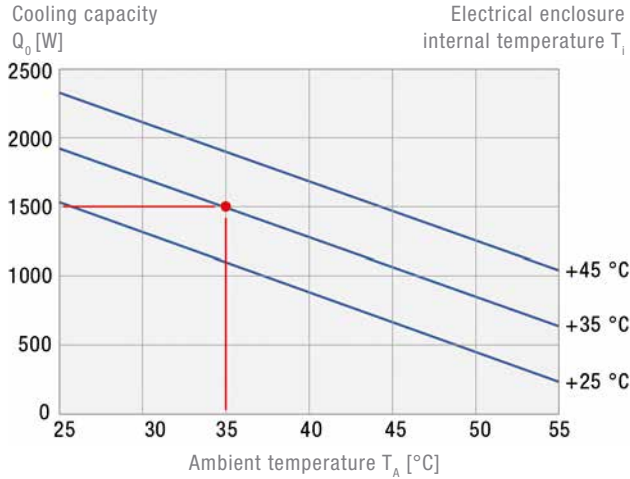
For additional information to ensure the accurate setting of the motor protection switch, please see technical specific data sheet. This information is included with the delivery of the unit or can be found at www.pfannenber.com.

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

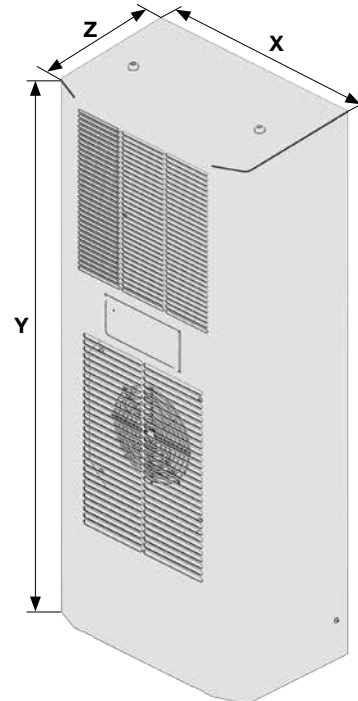
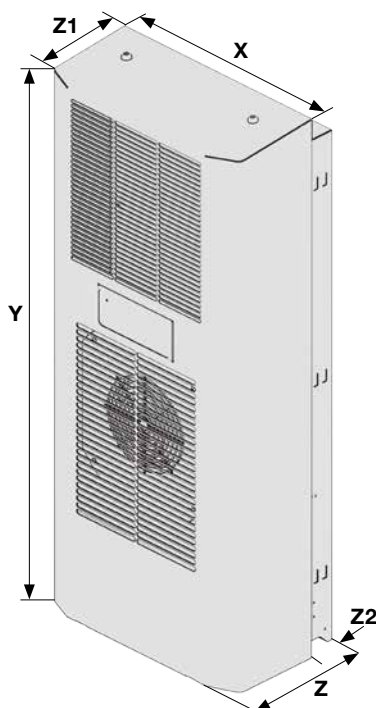
DTI	X	Y	Z	Z1	Z2
mm	410	962	253	181	62

DTI variants partially recessed by 60 mm after installation

DTS	X	Y	Z
mm	410	968	253

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

DTI 6301C	DTS 6301C
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