

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 CO₂ 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 6301		Unit
ARTICLE NO.	DTI, SC	13896319055	13896311055	13886319055	13886311055	
ARTICLE NO.	DTI, MC	13896329055	13896321055	13886329055	13886321055	
ARTICLE NO.	V2A, SC	13896319015	13896311015	13886319015	13886311015	
ARTICLE NO.	V2A, MC	13896329015	13896321015	13886329015	13886321015	

DATA

Rated voltage ¹ ±10 %		AC 50 60				Hz
		400 2~	230	400 2~	230	V
Cooling capacity according to EN 14511	A35/A35	1500				W
	A35/A50	1200				
Power consumption	A35/A35	786 863	727 868	786 863	727 868	A
Current consumption	A35/A35	3.65 3.35	5.08 5.17	3.65 3.35	5.08 5.17	
Starting current	A35/A35	19.7				
Energy efficiency ratio $\epsilon_{ke} = \frac{Q_p}{P}$ COP		1.91	2.06	1.91	2.06	
Unimpeded airflow (free flow)	internal	935				m ³ /h
	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				dB (A)
Weight (without packaging)		55	50	56	51	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	600				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) 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.

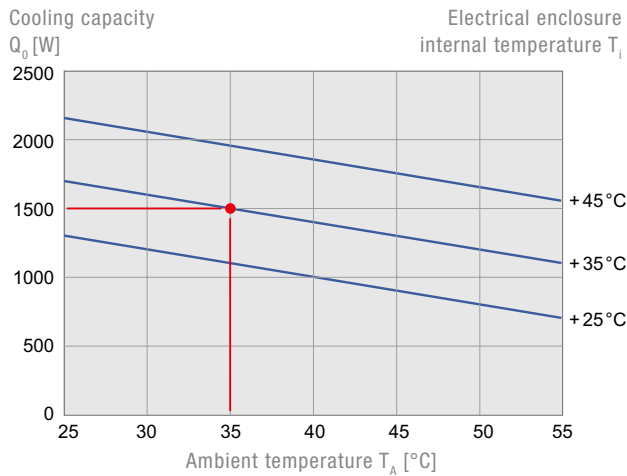
This information is included with the delivery of the unit or can be found at www.pfannenberg.com.

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	1536	158	50	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	1539	218	700	282	220	10	450	510	290	315	350

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

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