

DTI/DTS 6401

ECOOL COOLING UNITS 2000 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 6401		DTS 6401		Unit
ARTICLE NO.	DTI, SC	13896412055	13896411055	13886412055	13886411055	
ARTICLE NO.	DTI, MC	13896422055	13896421055	13886422055	13886421055	
ARTICLE NO.	V2A, SC	13896412015	13896411015	13886412015	13886411015	
ARTICLE NO.	V2A, MC	13896422015	13896421015	13886422015	13886421015	

DATA

Rated voltage ¹ ±10 %		AC 50 60				Hz
		400 460 3~	230	400 460 3~	230	V
Cooling capacity according to EN 14511	A35/A35	2000				W
	A35/A50	1440				
Power consumption	A35/A35	753 908	1047 1273	753 908	1047 1273	A
Current consumption	A35/A35	2.4 2.4	5.45 6	2.4 2.4	5.45 6	
Starting current	A35/A35	7.7 8.1	21.4	7.7 8.1	21.4	
Energy efficiency ratio $\epsilon_{ke} = \frac{Q_p}{P}$ COP		2.66	1.91	2.66	1.91	
Unimpeded airflow (free flow)	internal	935				m ³ /h
	external	1260				
Pre fuse T		4	10	4	10	A
Type of connection		spring-type terminal included with plug				
Noise level according to EN ISO 3741		< 65				dB (A)
Weight (without packaging)		67		71		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	1400	1200	1400	1200	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 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.

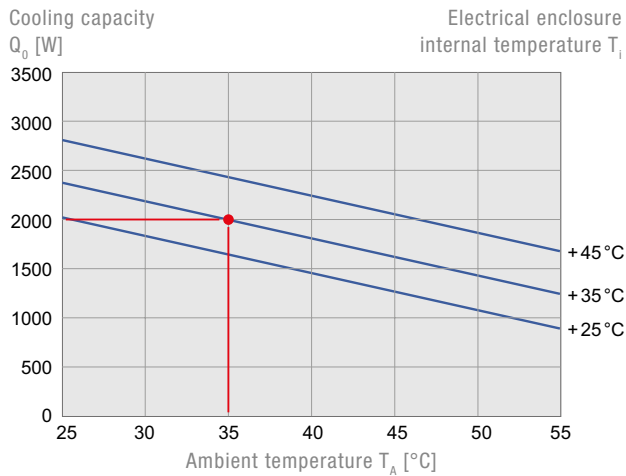
This information is included with the delivery of the unit or can be found at www.pfannenberg.com.

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	120	1510	450

DTI variants partially recessed by 120 mm after installation

DTS	X	Y	Z	A	B	C	D	E	F	G	H	I
mm	485	1543	278	700	282	220	10	450	510	290	315	350

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

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