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**DTI_DTS 6501 εCOOL
COOLING UNITS 2500 W**

Pfannenberger
ELECTRO-TECHNOLOGY FOR INDUSTRY



DTI/DTS 6501

ECOOL COOLING UNITS 2500 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 6501	DTS 6501	Unit
ARTICLE NO.	DTI, SC	13896512055	13886512055	
ARTICLE NO.	DTI, MC	13896522055	13886522055	
ARTICLE NO.	V2A, SC	13896512015	13886512015	
ARTICLE NO.	V2A, MC	13896522015	13886522015	

DATA

Rated voltage ¹ ±10 %		AC 50 60		Hz
		400 460 3~		V
Cooling capacity according to EN 14511	A35/A35	2500		W
	A35/A50	1800		
Power consumption	A35/A35	1048 1247		A
Current consumption	A35/A35	2.7 2.8		
Starting current	A35/A35	12 13		
Energy efficiency ratio $\epsilon_{ke} = \frac{Q_p}{P}$ COP		2.39		
Unimpeded airflow (free flow)	internal	935		m ³ /h
	external	1260		
Pre fuse T		16		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		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.

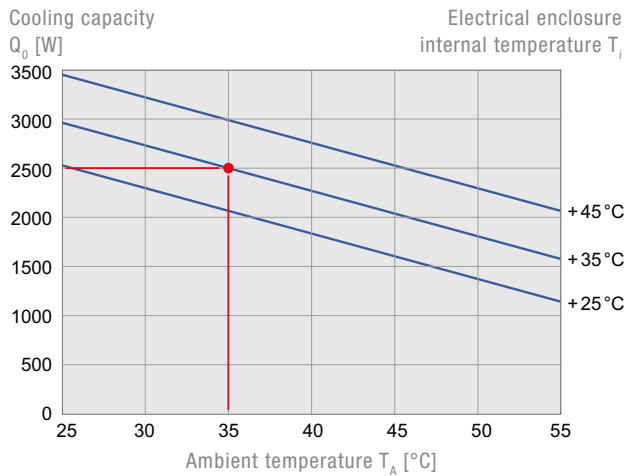
This information is included with the delivery of the unit or can be found at www.pfannenberg.com.

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.pfannenber.com or contact us directly.



Cooling capacity performance curves



Dimensions

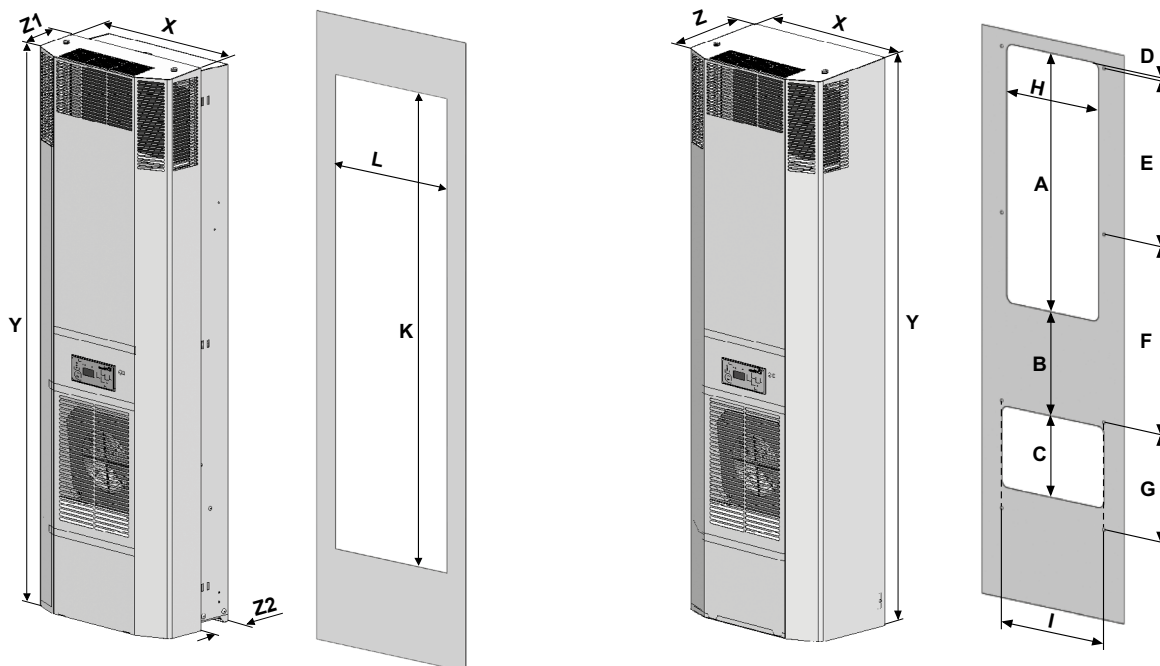
DTI	X	Y	Z1	Z2	K	L
mm	485	1536	158	120	1510	450

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

DTI 6501	DTS 6501
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