

DTI/DTS 6501

Green Series 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

- Highest energy efficiency for significant energy savings and operating cost reduction
- Significantly less refrigerant used
- UL listed according to UL 60335 for long-term planning even after 2024
- 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)



PRODUCT		DTI 6501	DTS 6501	
		400 / 460 V AC	400 / 460 V AC	
ARTICLE NO.	SC	13899512055	13889512055	Unit
ARTICLE NO.	MC	13899522055	13889522055	
ARTICLE NO.	V2A, SC	13899512015	13889512015	
ARTICLE NO.	V2A, MC	13899522015	13889522015	

DATA

Rated voltage ¹ ±10 %		AC 50 60		Hz
		400 460 3~	400 460 3~	V
Cooling capacity according to EN 14511	A35/A35	2500		W
	A35/A50	1800		
Power consumption	A35/A35	926 1140	926 1140	
Starting current	A35/A35	12	12	
Energy efficiency ratio $\epsilon_{ke} = \frac{Q_n}{P}$ COP		2,70	2,70	A
Unimpeded airflow (free flow)	internal	1175		m³/h
	external	945		
Pre fuse T		4	4	A
Type of connection		spring-type terminal included with plug		
Weight (without packaging)		69	72	kg
Ambient temperature		+10 ... +55 + 50 ... + 131		°C °F
Control range (adjustable)		+ 25 ... + 45 + 77 ... + 113		
Refrigerant	R134a	700		g
Condensate management		integrated condensate evaporation system with safety overflow		
Protection system according to EN 60529	IP 55	towards the electrical enclosure if used as intended by the manufacturer		
	IP 24	towards the surroundings if used as intended by the manufacturer		
Design	Gehäuse	galvanised sheet steel		
	Haube	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.

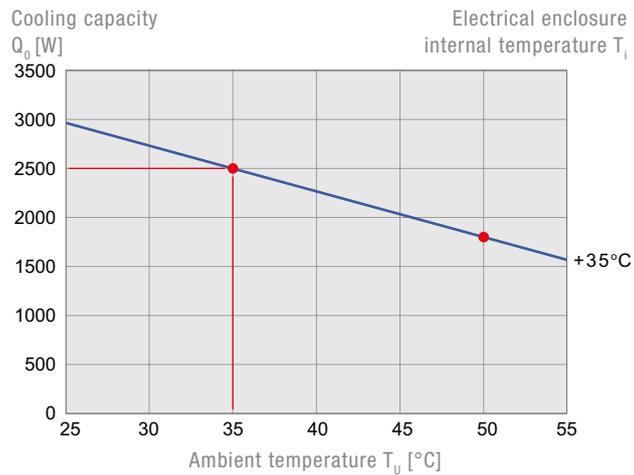
This information is included with the delivery of the unit or can be found at www.pfannenberg.com.

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	1537	158	120	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	1540	278	700	282	220	10	450	510	290	315	350

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

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