DTI/DTS 6901

Green Series COOLING UNITS 5600 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
- Equipped with F-Gas compliant refrigerant and significantly reduction of refrigerant amount
- UL listed according to UL 60335
- 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
- RS485 connection with Modbus protocol as standard in CON version for perfect machine integration
- Service port for easy retrieval of parameter settings/history (Pfannenberg Control-Center software necessary)
- Optional filter (easy to retrofit – toolless)

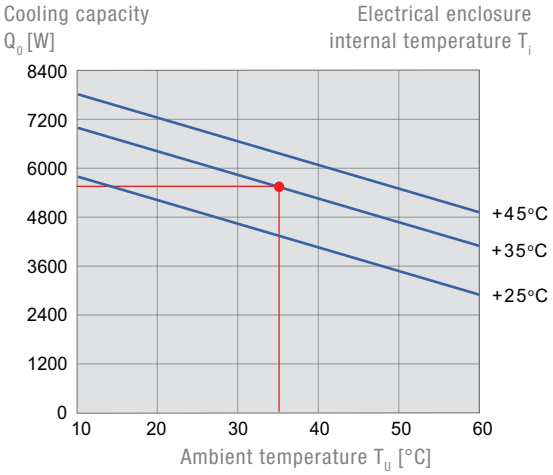
PRODUCT		DTI 6901	DTS 6901	
		400 / 460 V AC	400 / 460 V AC	
ARTICLE NO.	LED	13899942055	13889942055	Unit
ARTICLE NO.	CON	13899962055	13889962055	
ARTICLE NO.	V2A, LED	13899942015	13889942015	
ARTICLE NO.	V2A, CON	13899962015	13889962015	
DATA				
Rated voltage[1] ±10 %		AC 50 I 60		Hz
		400 I 460 3~		V
Cooling capacity according to EN 14511	A35/A35	5600 I 5900		W
	A35/A50	4500 I 4800		
	A35/A25	5900 I 6200		
Power consumption	A35/A35	2700 I 3150		
Rated current	A45/A55	6.9		A
Starting current	A35/A35	49		
Energy efficiency ratio (EER)	A35/A35	2.1 I 1.9		
	A35/A50	1.5 I 1.4		
	A35/A25	2.4 I 2.3		
Unimpeded airflow (free flow)	internal	1620 I 1620		m^3/h
	external	1620 I 1620		
Type of connection		spring-type terminal included with plug		
Weight (without packaging)		82	86	kg
Ambient temperature		+15 … +55 I +59 … +131		°C I °F
Control range (adjustable)		+25 … +45 I +77 … +113		
Refrigerant	R513A	1050		g
Condensate management		integrated condensate evaporation system with safety overflow		
Protection system according to EN 60529	IP55	towards the electrical enclosure if used as intended by the manufacturer		
	IP24	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 I 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

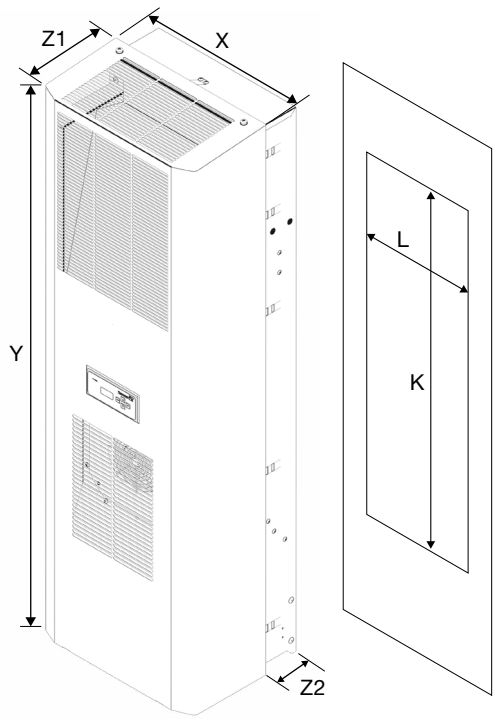
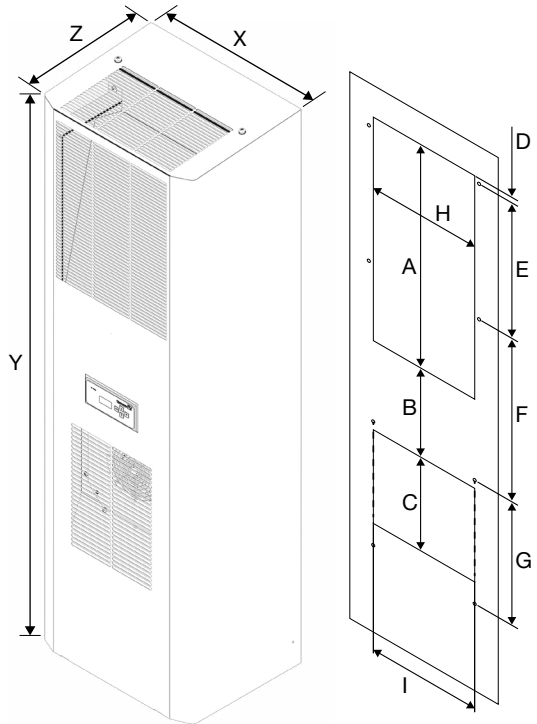
DTI	X	Y	Z1	Z2	K	L
mm	485	1537	252	120	1510	450

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	372	700	282	220	10	450	510	290	315	350

Mounting holes Ø 8 mm and cut-out radii R20

DTI 6901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