

Cooling unit 510 W

DTI/DTS 9031



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

- suitable for use with a door width of 400 mm
- large distance between intake and exhaust vents, safe circulation within the electrical enclosure due to long passage of air, therefore hot spots are eliminated
- integrated fault and door contact
- DTI variants: fast mounting without drilling and adhering the electrical enclosure seal

Data		DTI/DTS 9031			Unit
Article number	DTI standard controller	13295049055	13295041055	13295044055	
	DTI multi controller	13295079055	13295071055	13295074055	
	DTS standard controller	13245049055	13245041055	13245044055	
	DTS multi controller	13245079055	13245071055	13245074055	
		AC 50 Hz / 60 Hz			
Rated voltage ± 10 %		400 2~ ¹	230	115	V
Cooling performance according to EN 14511	L35/L35	410 / 540	510 / 580	585	W
	L35/L50	305 / 360	365 / 395	545	
Power consumption	L35/L35	297 / 354	283 / 337	322	A
Current consumption	L35/L35	1.59 / 1.53	1.58 / 1,64	3.29	
Starting current	L35/L35	8.63 / 7.86	14.31 / 13.8	26.15	
Unimpeded airflow (free flow)	internal	280			m³/h
	external	345			
Pre fuse T		4	6	10	A
Type of connection		spring-type terminal included with plug			
Noise level (according to EN ISO 3741)		63			dB (A)
Weight (without packaging)	DTI	26	21		kg
	DTS	27	22		
Ambient temperature range		+ 15 ... + 55 / + 59 ... + 131			°C / °F
Control range (adjustable)	SC	+ 25 ... + 45 / + 77 ... + 113; factory setting + 35 / + 95			
	MC	+ 25 ... + 50 / + 77 ... + 122; factory setting + 35 / + 95			
Refrigerant	R134a	250			g
Duty cycle		100%			
Condensate management		condensate drain			
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	galvanised/electrostatically powder coated (200 °C); stainless steel on request			
Colour (cover)		RAL 7035, different colours available on request			
Accessories		Piece	Article number		Information on page
External condensate evaporation system		1	18314000001		64
Condensate bottle		1	18314000100		64

Approvals see page 18

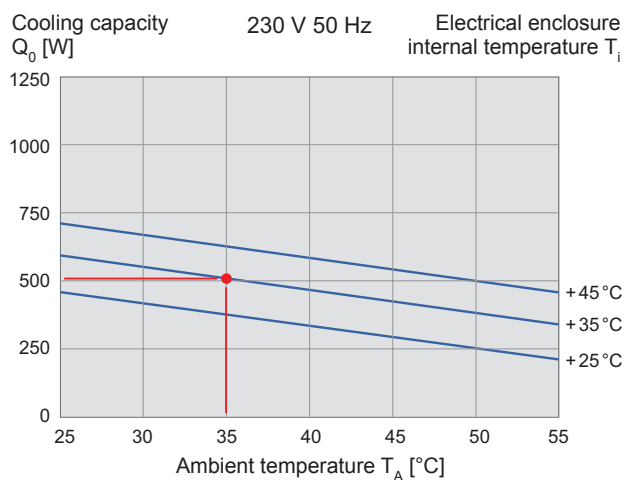
¹ suitable for various supply voltages (see technical specific data sheet)

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.pfannenbergl.com.

Cooling capacity performance curves

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Dimensions

DTI	X	Y	Z1	Z2 115V / 230V	Z2 400V	K	L
mm	310	562	145	67	208	495	265

DTI variants partially recessed by 67 mm after installation

DTS	X	Y	Z 115V / 230V	Z 400V	A	B	C	D	E
mm	310	565	212	353	422	215	435	235	8

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

DTI 9031				DTS 9031					
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