

# DTI/DTS 9031

## COOLING UNIT 410–585 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

- 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



PRODUCT		DTI 9031   DTS 9031			Unit
ARTICLE NO.	DTI, SC	13295049055	13295041055	13295044055	
ARTICLE NO.	DTI, MC		13295071055		
ARTICLE NO.	DTS, SC	13245049055	13245041055	13245044055	
ARTICLE NO.	DTS, MC	13245079055	13245071055	13245074055	

**DATA**

Rated voltage ±10 %		AC 50   60		AC 60	Hz
		400 2~ <sup>1</sup>	230	115	V
Cooling capacity according to EN 14511	A35/A35	410   540	510   580	585	W
	A35/A50	305   360	365   395	545	
Power consumption	A35/A35	297   354	283   337	322	A
Current consumption	A35/A35	1.59   1.53	1.58   1.64	3.29	
Starting current	A35/A35	8.63   7.86	14.31   13.8	26.15	
Unimpeded airflow (free flow)	internal	280			m <sup>3</sup> /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		+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	250			g
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		RAL 7035   different colours available on request			

<sup>1</sup> Suitable for various supply voltages (see technical specific data sheet).

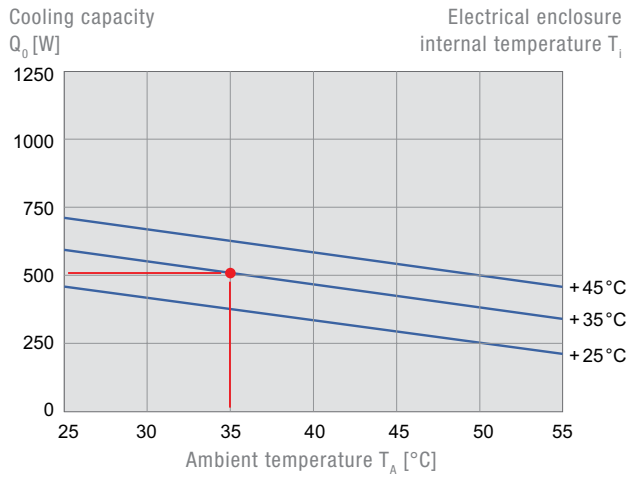
For additional information to ensure the accurate setting of the motor protection switch, please see technical specific data sheet. This information is included with the delivery of the unit or can be found at [www.pfannenber.com](http://www.pfannenber.com).

ACCESSORIES	Piece	ARTICLE NUMBER
External condensate evaporation system	1	18314000001
Condensate bottle	1	18314000100

For additional models, options and voltages visit [www.pfannenberg.com](http://www.pfannenberg.com) or contact us directly.



### Cooling capacity performance curves



### 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
----------	----------

