

Cooling units 320 W

DTFI 9021

DTI 9021



- compact design, ideal for flat control cabinets, control consoles and operating units
- diagnostic message via operating display
- integrated fault and door contact
- optionally available with integrated condensate evaporation system

DTFI variants:

- simple and fast mounting without drilling
- small structural height for integration in machine control cabinets
- cut-out compatible with 3rd and 4th Generation Filterfans, installation size 6

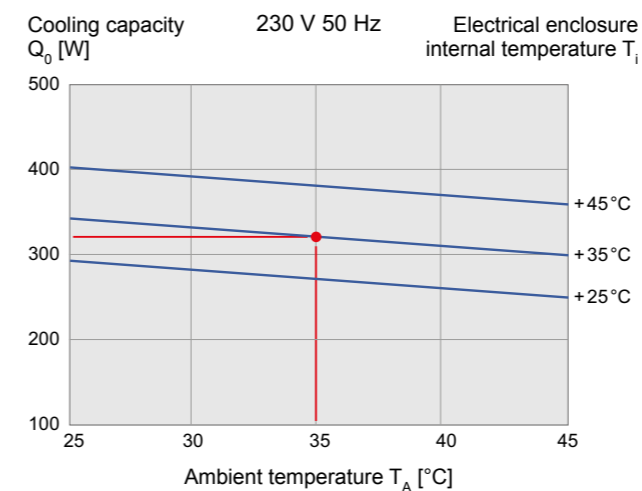
Data		DTFI 9021			DTI 9021		Unit	
Article number	Standard Controller	13293149055	13293141055	13293144055	13293041055	13293044055		
Rated voltage $\pm 10\%$		AC 50 Hz / 60 Hz		AC 60 Hz	AC 50 Hz / 60 Hz	AC 60 Hz		
		400 2 ⁻¹	230	115	230	115	V	
Cooling performance according to EN 14511	L35/L35	230 / 290	320 / 340	320	320 / 340	320	W	
	L35/L45	220 / 280	300 / 330	250	300 / 330	250		
Power consumption	L35/L35	200 / 200	230 / 240	240	230 / 240	240		
Current consumption	L35/L35	1 / 0.9	1.6	2.7	1.6	2.7	A	
Starting current	L35/L35	6.6 / 5.9	11.7 / 10.9	11.4	11.7 / 10.9	11.4		
Unimpeded airflow (free flow)	internal						282	m ³ /h
	external						282	
Pre fuse T		4	6	6	6	6	A	
Type of connection		spring-type terminal included with plug						
Noise level according to EN ISO 3741		< 62						dB (A)
Weight (without packaging)		22	16		17		kg	
Ambient temperature range		+ 15 ... + 45 / + 59 ... + 113						°C / °F
Control range (adjustable)		+ 25 ... + 45 / + 77 ... + 113; factory setting + 35 / + 95						
Refrigerant	R134a	350						g
Duty cycle		100						%
Condensate management		condensate drain; integrated condensate evaporation system optional						
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				70		
Condensate bottle	1	18314000100				70		

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

Approvals see page 18. 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.

Cooling capacity performance curves

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Dimensions

DTFI	X	Y 115V / 230V	Y 400V	Z1	Z2	K	L		
mm	385	326	464	75	170	291	291		
DTI	X	Y 115V / 230V	Z1	Z2	A	B	C	D	E
mm	385	329	178	67	289	304	304	210	7.5

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

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