

DTI/DTS 6X1E COOLING UNITS 1000–2800 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

- Thanks to highly efficient speed control, every unit covers a wide power range.
- The innovative, brushless direct current technology (Brushless DC) makes an extreme energy efficiency (EER) of >6 possible.
- Large distance between intake and exhaust vents, safe circulation within the electrical enclosure due to long passage of air, therefore hot spots are eliminated.
- The communication interface "Modbus" to integrate the cooling unit into the existing machine control or in a cloud solution.



PRODUCT		DTI 6X1E	DTS 6X1E	DTI 6X1E	DTS 6X1E	
ARTICLE NO.	XC	13897331555	13887331555	13897332555	13887332555	Unit

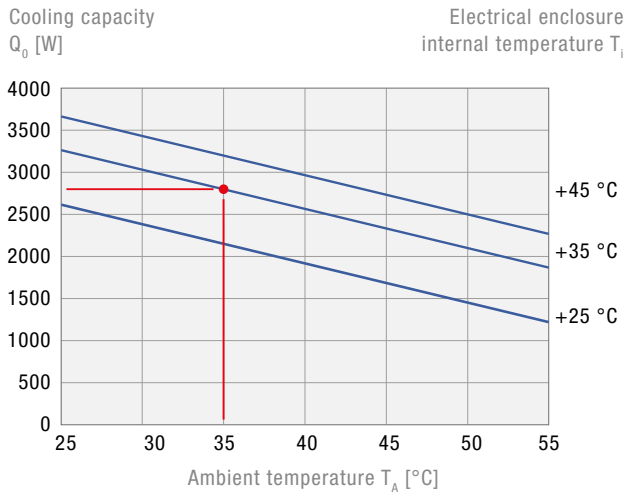
DATA						
Cooling capacity, regulated	1000–2800					W
Rated voltage ±10 %	AC 50 60					Hz
	230		400 / 460			V
Cooling capacity	A35/A20	3300				W
Cooling capacity according to EN 14511	A35/A35	2800				
	A35/A50	2100				
Power consumption	A35/A35	240 - 1700		240 - 1300		A
Current consumption	A35/A35	7.4		3.2		
Starting current	soft start					A
Pre fuse	10 (type C)		6 (type C)			
Type of connection	spring-type terminal included with plug					
Unimpeded airflow (free flow)	internal	990				m³/h
Ambient temperature	+15 ... +55 +59 ... +131					°C °F
Control range (adjustable)	+25 ... +45 +77 ... +113; factory setting +35 +95					
Medium	R134a	1100				g
Condensate management	integrated condensate evaporation system with safety overflow					
Weight (netto)		70	75	70	75	kg
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	electrostatically powder coated (200 °C) or optional stainless steel				
Colour	cover	RAL 7035 or optional stainless steel				
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

DT 6X1E



Dimensions

DTI 6X1E	X	Y	Z1	Z2	K	L
mm	485	1538	218	60	1510	450

DTI variants partially recessed by 60 mm after installation

DTS 6X1E	X	Y	Z	A	B	C	D	E	F	G	H	I
mm	485	1547	278	700	282	220	47	450	510	290	315	350

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

DTI

DTS

