

DTI/DTS 6XxE COOLING UNITS 1000–4500 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 6X2E	DTS 6X2E	
ARTICLE NO.	XC	13897331055	13887331055	13897831055	13887831055	Unit

DATA						
Cooling capacity, regulated		1000–2800		2000–4500		W
Rated voltage ±10 %		AC 50 60				Hz
		230				V
Cooling capacity	A35/A20	3300		5130		W
Cooling capacity according to EN 14511	A35/A35	2800		4500		
	A35/A50	2300		3690		
Power consumption	A35/A35	1028		1761		A
Current consumption	A35/A35	7.4		12.2		
Starting current		soft start				A
Pre fuse T		10 (type C)		16 (type C)		
Type of connection		spring-type terminal included with plug				
Unimpeded airflow (free flow)	internal	990		1430		m³/h
Ambient temperature		+15 ... +55 +59 ... +131				°C °F
Control range (adjustable)		+25 ... +45 +77 ... +113; factory setting +35 +95				
Medium	R134a	1150		1950		g
Condensate management		integrated condensate evaporation system with safety overflow				
Noise level according to EN ISO 3741						dB (A)
Weight (netto)		70	75	84	87	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 stainless steel				
Colour	cover	RAL 7035				

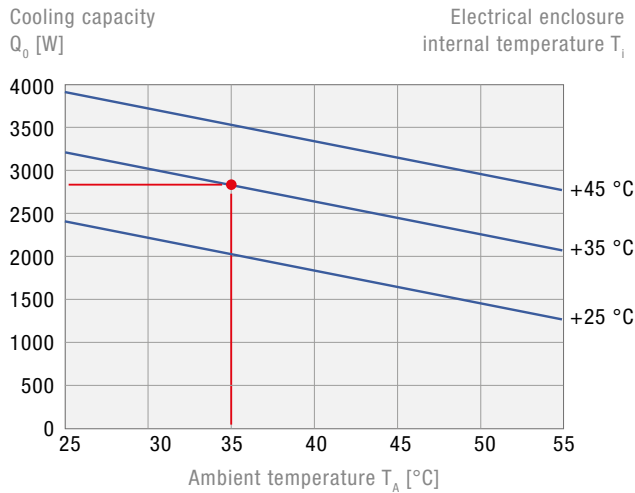
ACCESSORIES	Piece	ARTICLE NUMBER
Filter adapter	1	18310000151
Aluminium filter	1	18300000149
Vlies filter	5	18300000147
Fluted filter	5	18300000148

For additional models, options and voltages visit www.pfannenber.com or contact us directly.

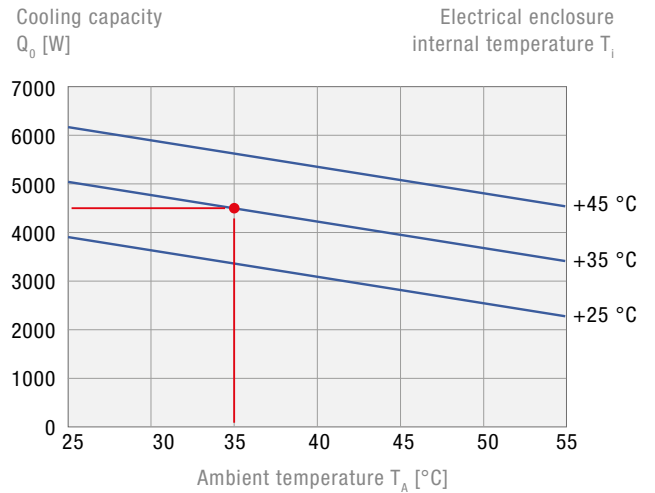


Cooling capacity performance curves

DT 6X1E



DT 6X2E



Dimensions

DTI 6X1E	X	Y	Z1	Z2	K	L
mm	485	1536	218	60	1510	450

DTI variants partially recessed by 60 mm after installation

DTI 6X2E	X	Y	Z1	Z2	K	L
mm	485	1536	252	120	1510	450

DTI variants partially recessed by 120 mm after installation

DTS 6X1E	X	Y	Z	A	B	C	D	E	F	G	H	I
mm	485	1547	278	700	282	220	10	450	510	290	315	350
DTS 6X2E	X	Y	Z	A	B	C	D	E	F	G	H	I
mm	485	1547	372	700	282	220	10	450	510	290	315	350

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

DTI

DTS

