

# DTI/DTS 6X2E COOLING UNITS 2000–4500 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 6X2E	DTS 6X2E	DTI 6X2E	DTS 6X2E	
ARTICLE NO.	XC	13897831555	13887831555	13897832555	13887832555	Unit

DATA						
Cooling capacity, regulated		2000–4500				W
Rated voltage ±10 %		AC 50   60				Hz
		230	400 / 460			V
Cooling capacity	A35/A20	4800				W
Cooling capacity according to EN 14511	A35/A35	4500				
	A35/A50	3100				
Power consumption	A35/A35	240 - 2330		240 - 2020		A
Current consumption	A35/A35	10.2		4.6		
Starting current		soft start				
Pre fuse		16 (type C)		10 (type C)		
Type of connection		spring-type terminal included with plug				
Unimpeded airflow (free flow)	internal	1430				m³/h
Ambient temperature		+15 ... +55   +59 ... +131				°C   °F
Control range (adjustable)		+25 ... +45   +77 ... +113; factory setting +35   +95				
Medium	R134a	1950				g
Condensate management		integrated condensate evaporation system with safety overflow				
Weight (netto)		84	87	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 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](http://www.pfannenberg.com) or contact us directly.

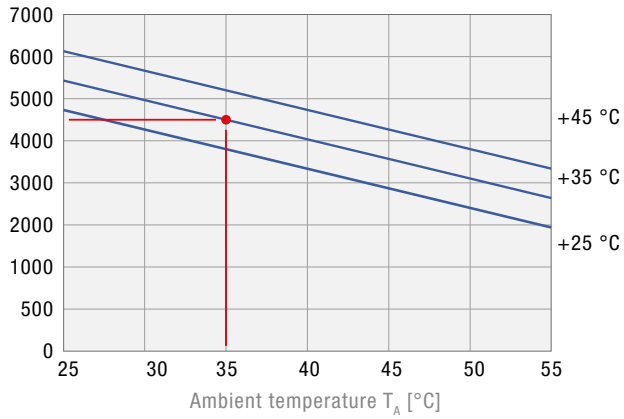


## Cooling capacity performance curves

### DT 6X2E

Cooling capacity  
 $Q_0$  [W]

Electrical enclosure  
internal temperature  $T_i$



## Dimensions

DTI 6X2E	X	Y	Z1	Z2	K	L
mm	485	1538	252	120	1510	450

DTI variants partially recessed by 120 mm after installation

DTS 6X2E	X	Y	Z	A	B	C	D	E	F	G	H	I
mm	485	1547	372	700	282	220	47	450	510	290	315	350

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

### DTI

### DTS

