

DTI/DTS 8000

Outdoor Cooling Units

1–20 Kilowatt

Cooling Units at a glance

TYPE	COOLING CAPACITY	RATED VOLTAGE	DIMENSIONS (HxWxD)	APPROVALS
				CE
DTI/DTS 8000 Cooling Units				
DTI 8161	1 kW	230 V	976 x 450 x 312 mm	•
DTS 8161	1 kW		976 x 450 x 312 mm	
DTI 8165	1.5 kW		976 x 450 x 312 mm	
DTS 8165	1.5 kW		976 x 450 x 312 mm	
DTI 8361	3 kW		1251 x 551 x 225 mm	
DTI 8665	5 kW		1600 x 535 x 375 mm	
DTS 8761	7.5 kW		1652 x 712 x 350 mm	
DTS 81261	12.5 kW	400 V 3~	2137 x 890 x 703 mm	
DTS 81561	15 kW			
DTS 82061	20 kW			

Outdoor cooling unit

Outdoor cooling unit 1-5 kW

 partially recessed mounting (DTI)	 protection system	 optional stainless steel	 Easy to maintain
 long ventilation channel	 remote communication	 Control the humidity	 The human body induction



PRODUCT		DTS / I 8161	DTS / I 8165	DTI 8361	DTI 8665	
ARTICLE NO.		130 4814 1399/ 130 9814 1399	130 4884 1399/ 130 9884 1399	130 9834 0391	130 9864 1399	UNIT
Rated voltage $\pm 10\%$ *		AC 50/60				Hz
		230				V
Cooling capacity according to EN 14511	A35/A35	1/1.1	1.5/1.55	3/3.2	5/5.2	kW
	A35/A50	0.86/0.92	1.15/1.165	2.15/2.3	3.7/3.9	
Power consumption	A35/A35	0.728/0.875	0.785/0.948	1.25/1.57	2.1/2.36	
Current consumption	I max	9.6/10.5	9.8/10.8	8.5/11.7	20	A
Type of connection		spring-type terminal included with plug				
Unimpeded airflow (free flow)	internal	570	1010	1600	1660	m ³ /h
Ambient temperature		-40... +55				°C
Control range (adjustable)		+20 ... +45 factory setting +33				
Noise (EN ISO3741)		≤68	≤68	≤68	≤65	dB(A)
Refrigerant	R134a	320	350	1420	760	g
Condensate management		Condensate drain; integrated condensate evaporation system optional (CM)				
Dimensions (Y×X×Z)		976x450x (312+64)		1251x551x (225+64)	1600x535x (375+64)	mm
Weight (net)		41.4	41.5	66	79.5	kg
Degrees of protection according to EN 60529	IP55	towards the electrical enclosure if used as intended by the manufacturer				
	IP34	towards the surroundings if used as intended by the manufacturer				
Design	housing	galvanised sheet steel				
	cover	electrostatically powder coated (200 ° C)				
Colour	cover	RAL 7035 different colours available on request				

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

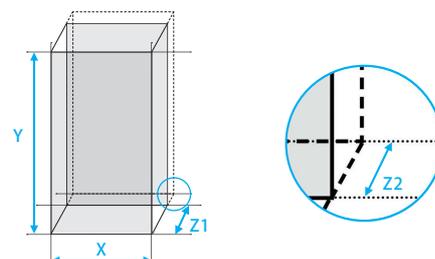
*Different voltage variants optional based on customer request, e.g. 415V,240V,etc.



Comprehensive technical documentation such as

- operating instruction, technical data, approvals
- cut-out drawing, CAD | EPLAN | Zuken | WSCAD data

can be retrieved by entering this webcode in the search window on WeChat public number



High-power energy storage cooling unit 7.5-20 kW



PRODUCT		DTS 8761	DTS 81261	DTS 81561	DTS 82061	UNIT
ARTICLE NO.		130 8074 0470	130 8213 2470	130 8223 2470	130 8233 2470	
Rated voltage $\pm 10\%$ *		AC 50				Hz
		230	400V 3~			V
Cooling capacity according to EN 14511	A35/A35	7.5	12.5	15	20	kW
	A35/A45	6.59	8.8	10.3	14.5	
Power consumption	A35/A35	2.93	5	6.2	8.2	
Current consumption	I max	15.9	11	12.5	17.5	
Starting current		65	46	47	50	A
Pre fuse T		25	35	40	40	
Type of connection		spring-type terminal included with plug				
Unimpeded airflow (free flow)	internal	2946	7149	7067	8420	m ³ /h
Ambient temperature		-40... +45				°C
Control range (adjustable)		+20 ... +45 factory setting +33				
Refrigerant	R410a	1570	3500	5200	3550	g
Condensate management		condensate drain				
Dimensions (X x Y)		1652 x 712	2137x 890			mm
Dimensions (Z)		350	793	839	803	
Weight (net)		95	170		200	kg
Degrees of protection according to EN 60529	IP 55	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, Optional stainless steel				
	cover	electrostatically powder coated (200 ° C)				
Colour	cover	RAL 7035 different colours available on request				

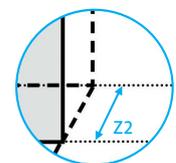
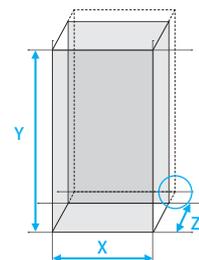
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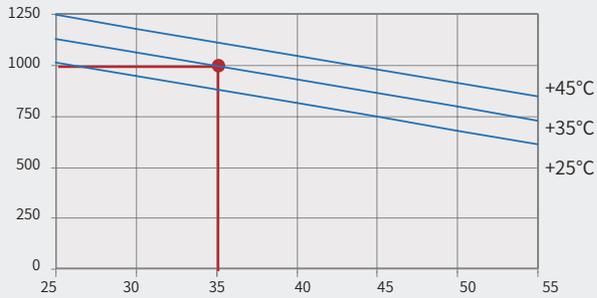


Cooling capacity performance curves

DTS/I 8161 | DTS/I 8165

Cooling capacity Q_0 [W]

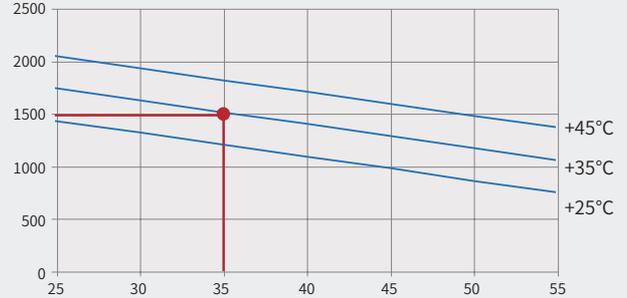
Electrical enclosure internal temperature T_i



Ambient temperature T_A [°C]

Cooling capacity Q_0 [W]

Electrical enclosure internal temperature T_i

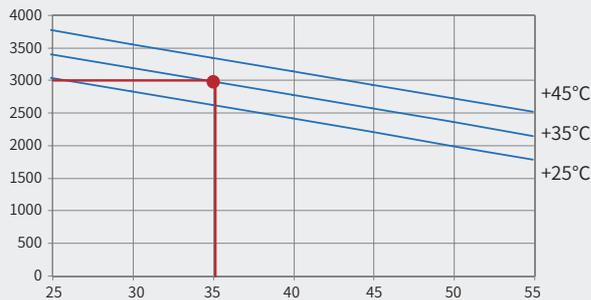


Ambient temperature T_A [°C]

DTI 8361 | DTI 8665

Cooling capacity Q_0 [W]

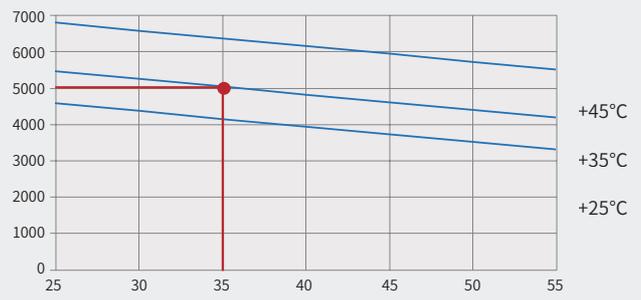
Electrical enclosure internal temperature T_i



Ambient temperature T_A [°C]

Cooling capacity Q_0 [W]

Electrical enclosure internal temperature T_i

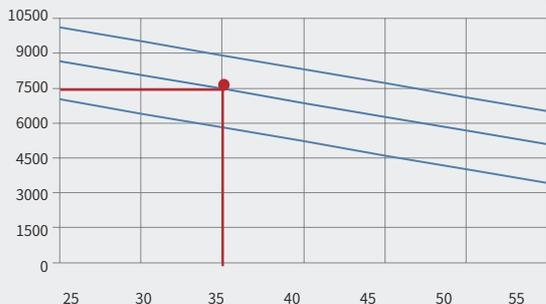


Ambient temperature T_A [°C]

DTS 8761 | DTS 81261

Cooling capacity Q_0 [W]

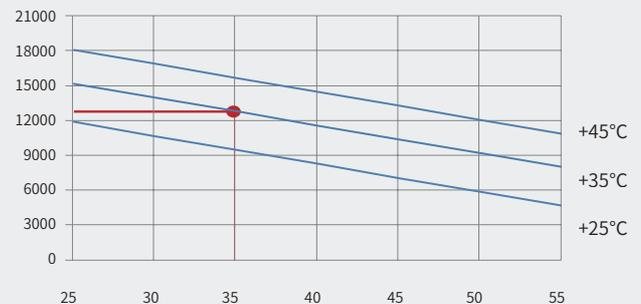
Electrical enclosure internal temperature T_i



Ambient temperature T_A [°C]

Cooling capacity Q_0 [W]

Electrical enclosure internal temperature T_i

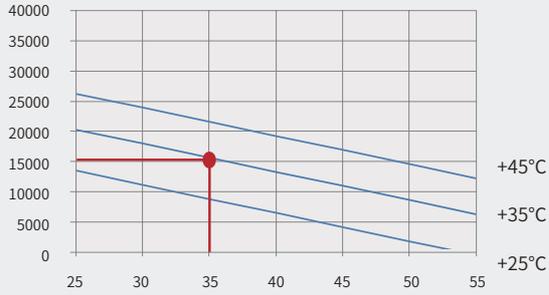


Ambient temperature T_A [°C]

DTS 81561 | DTS 82061

Cooling capacity
 Q_0 [W]

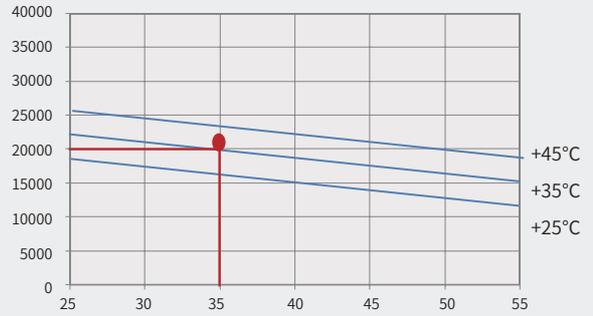
Electrical enclosure
internal temperature T_i



Ambient temperature T_A [°C]

Cooling capacity
 Q_0 [W]

Electrical enclosure
internal temperature T_i



Ambient temperature T_A [°C]