

DTS 8000ES

Cooling Units

800–1500 Watt

DTS model: Door or side mounting; in the event of limited space in the cabinet;
the routing of cold air to the important components in the cabinet is retained

Service friendly due
to direct access
to the PCB and the fans, thus 80 %
shorter repair times

Robust: steel cover, easily
paintable

Compact design for smaller
cabinets or to cool hot spots

Optional pre-filter upgradable
with aluminium,
nonwoven or fluted filter,
for the application of the cooling units
in different ambient conditions

Very high energy efficiency ratio
(EER)



INDOOR COOLING UNITS 800–1500 W



tool-less filter mat changing



protection system



top EER / energy saving



service friendly

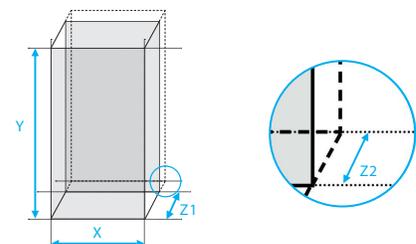


PRODUCT		DTS8041ES		DTS 8241ES		DTS 8341ES		Unit
ARTICLE NO.	230V	130 4799 8345		130 8879 8055		130 8899 8055		
	230V CM*	130 4799 8346		130 8879 8066		130 8899 8066		
	400V 2~	130 4799 9345		130 8879 9055		130 8899 9055		
	400V 2~CM*	130 4799 9346		130 8879 9066		130 8899 9066		
Rated voltage ± 10%		AC 50Hz				AC 60Hz		V
		230 / 400v 2~						
Cooling capacity according to EN 14511	A35/A35	800	880	1000	1100	1500	1650	W
	A35/A50	550	615	870	955	1070	1180	
Power consumption	A35/A35	382 458	427 512	423 505	462 555	558 655	574 684	A
Current consumption	A35/A35	2.83 3.04	1.82 2.07	2.98 3.41	1.79 2.2	3.88 4.45	2.18 2.48	
Starting current	A35/A35	15.4 17.7	10.1 11.5	16.2 18.1	9.8 11.2	21.2 23.11	11.7 13.9	
Type of connection	spring-type terminal included with plug							
Unimpeded airflow (free flow)	internal	535		620		1030		m³/h
	external	620		1030		1030		
Ambient temperature	+15 (+59) ... +55 (+131)							
Control range (adjustable)	+25 (+77) ... +45 (+113) factory setting +35							
Noise level (EN ISO3741)	≤62		≤65		≤65		dB(A)	
Refrigerant	R134a	300		340		370		g
Condensate management	Condensate drain; integrated condensate evaporation system optional (cm)							
Dimensions	Y×X×Z	670x 380x 200		950x 400x 200		950x 400x 200		mm
Weight (net)		21	29	26.5	34.5	29.5	37.5	kg
Protection system according to EN 60529	IP54	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	RAL7035 different colours available on request							

*CM: variant with integrated condensate management system, of which some of the electrical data varies from the table above. Please contact our sales or application engineering for more details.

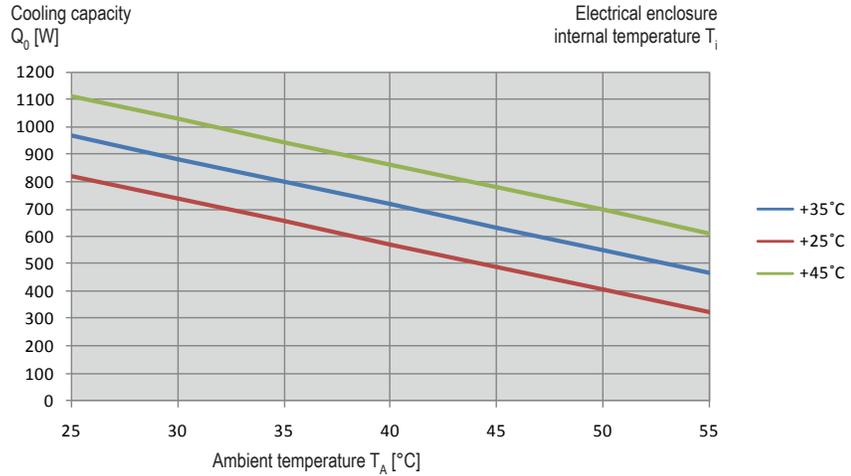


Comprehensive technical documentation such as
 • operating instruction, technical data, approvals
 • cut-out drawing, CAD | EPLAN | Zuken | WSCAD data
 can be retrieved by entering this webcode in the search window on www.pfannenberg.com

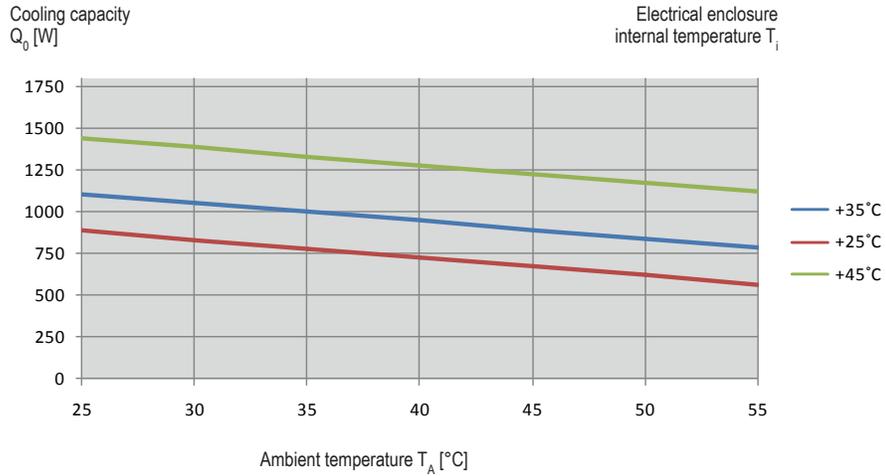


Cooling capacity performance curves

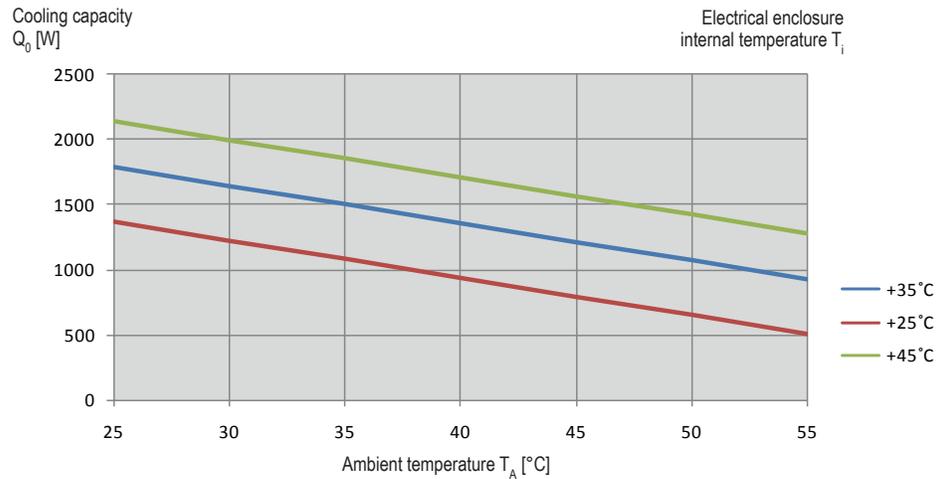
DTS 8041ES



DTS 8241ES



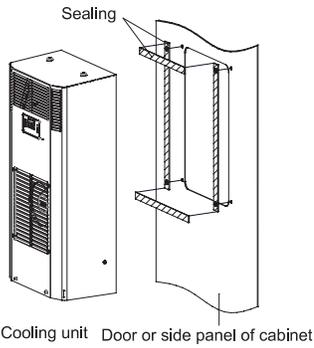
DTS 8341ES



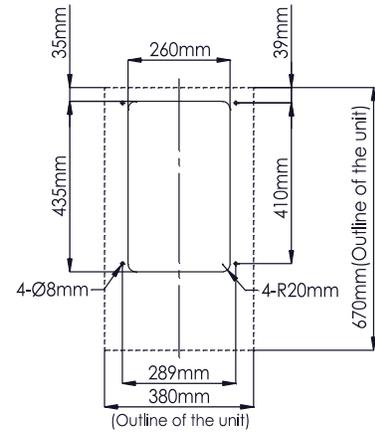
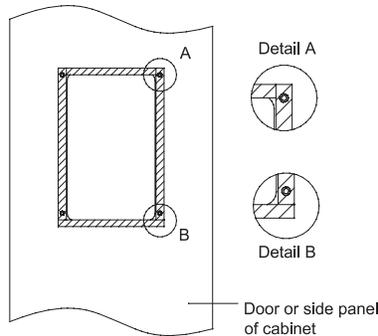
Dimensions

DTS 8041ES

Explosive view of the sealing

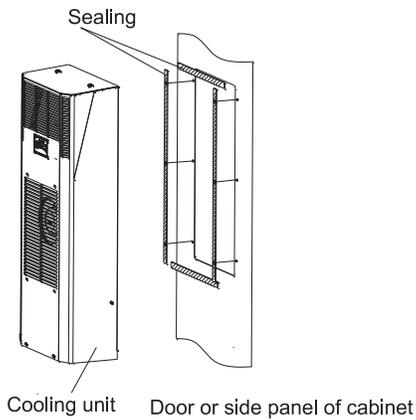


Effect view of the sealing



DTS 8241ES / 8341ES

Explosive view of the sealing



Effect view of the sealing

