

DTS 8000E

Cooling Units

500–2500 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

Passed condensation test in extreme environment.

The safety and reliability of the equipment can be guaranteed.

With independent temperature display and control system.

Optional pre- filter

Applicable in extremely dusty and oily environment.

Optional integrated condensate evaporation

Maintenance- free.

Light and slim design, compatible mounting cut-out with 7000 series.

Flexible supply voltage selection (230V & 400V).

4 cooling capacities in one cut-out.



INDOOR COOLING UNITS 500–2500 W



tool-less filter mat changing



protection system



top EER / energy saving



large distance in/out no hot spots



service friendly



PRODUCT		DTS 8031E	DTS 8241E	DTS 8341E	DTS 8441E	DTS 8541E	Unit
ARTICLE NO.	230V	130 4809 0335	130 8829 0055	130 8839 0055	130 8849 0055	130 8859 0055	
	230V CM*	130 4809 0336	130 8829 0066	130 8839 0066	130 8849 0066	130 8859 0066	
	400V 2~	130 4809 1335	130 8829 1055	130 8839 1055	130 8849 1055	130 8859 1055	
	400V2~CM*	130 4809 1336	130 8829 1066	130 8839 1066	130 8849 1066	130 8859 1066	
Rated voltage ± 10%		AC 50 Hz					
		230 / 400V 2~					V
Cooling capacity according to EN 14511	A35/A35	500	1000	1500	2000	2500	W
	A35/A50	330	840	900	1400	1800	
Power consumption	A35/A35	289/358	513/589	596/632	734/784	1068/1089	
Current consumption	A35/A35	1.47/1.46	2.42/1.90	2.75/2.01	3.40/2.46	4.74/2.95	A
Starting current	A35/A35	3.5	10.5	11	15	18.4	
Pre fuse T		3	3.75	4	5	6	
Type of connection		spring-type terminal included with plug					
Unimpeded airflow (free flow)	internal	275	570	1000	1000	1520	m³/h
	external	590	1000	1000	1340	1520	
Ambient temperature		+15 ... +55					°C
Control range (adjustable)		+25 ... +45 factory setting +35					
Noise level (EN ISO3741)		≤63	≤65	≤65	≤66	≤67	dB(A)
Refrigerant	R134a	190	390	390	850	790	g
Condensate management		Condensate drain;integrated condensate evaporation system optional(cm)					
Dimensions	Y x X x Z	675x325x200	1350x400x200		1350x400x230		mm
Weight (net)		17.3/25.3	33.5/41.2	34.1/41.8	43.0/50.7	49.3/62.7	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					
Accessories	Piece						
Filter adapter	1	18060200000				18310000151	
Aluminum filter	1	–				18300000149	
Vlies filter	5	18061600000				18300000147	
Fluted filter	5	–				18300000148	
External condensate evaporator system	1					18314000001	
Condensate bottle	1					18314000000	

*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.pfannenber.com

