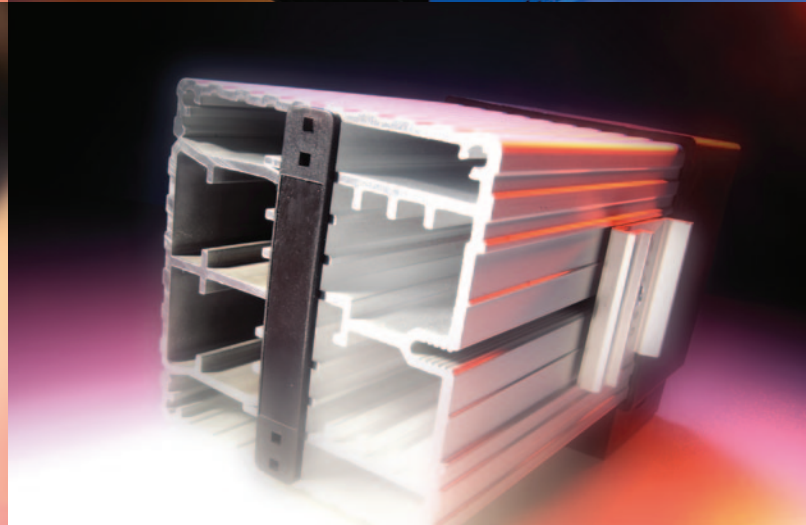
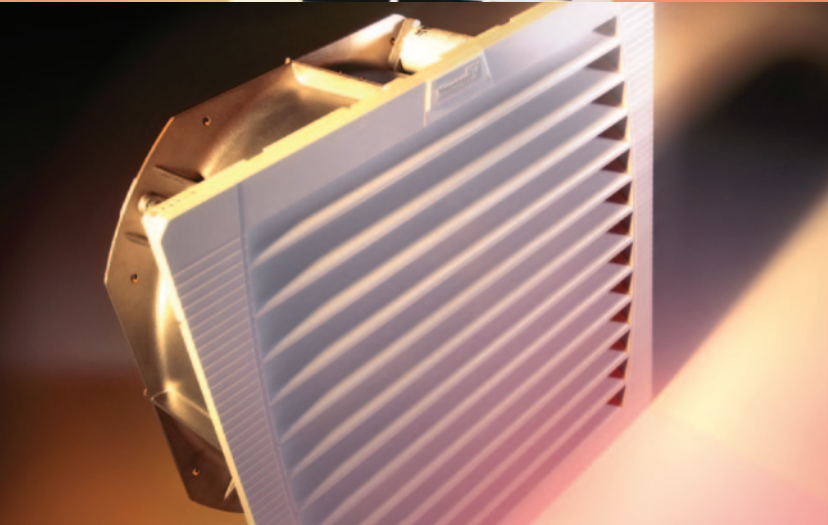


Thermal Management Solutions

Cooling Units • Air/Water Heat Exchangers • Chillers
Filterfans® • Heaters, Thermostats and Hygrostats

Main Catalog • Edition 11



SHARING
COMPETENCE | 

Pfannenberger 
ELECTRO-TECHNOLOGY FOR INDUSTRY

Type	Cooling Capacity Btu/h	Rated Voltage	Dimensions H x W x D Inches (mm)	Approvals				Page
				UL	cUL	GOST	CE	
DTT Series Top Mount NEMA 12 Cooling Units								
DTT 6101	1200 - 2000	115 V / 230 V	17.13 x 23.43 x 15.55 (435 x 595 x 395)	●	●		●	39
DTT 6201	2500 - 4000	115 V / 230 V / 400/460 V	17.13 x 23.43 x 15.55 (435 x 595 x 395)	●	●		●	39
DTT 6301	4000 - 5500	115 V / 230 V / 460 V	17.13 x 23.43 x 19.49 (435 x 595 x 495)	●	●		●	41
DTT 6401	5500 - 7000	115 V / 230 V / 460 V	17.13 x 23.43 x 19.49 (435 x 595 x 495)	●	●		●	41
DTT 6601	7000 - 10000	460 V	19.09 x 31.30 x 22.64 (485 x 795 x 575)	●	●		●	43
DTT 6801	12000 - 14000	460 V	19.09 x 31.30 x 22.64 (485 x 795 x 575)	●	●		●	43
DTS Series Outdoor Cooling Units - NEMA Type 3R/4								
DTS 3031	900-1300	115 V / 230 V	15.5 (393.7) x 7 (177.8) x 7.75 (196.8)	●	●		●	47
DTS 3061	2000 - 3000	115 V / 230 V	20.16 x 10.08 x 10.79 (512 x 256 x 274)	●	●		●	49
DTS 3161	3000 - 4000	115 V / 230 V / 400/460 V	29.45 x 15.55 x 11.57 (748 x 395 x 294)	●	●		●	51
DTS 3161 SL	3000 - 5000	115 V / 230 V / 400/460 V	36 (914) x 12 (305) x 12 (302)	●	●		●	53
DTS 3165	5000 - 7000	115 V / 230 V / 400/460 V	36 (914) x 12 (305) x 12 (302)	●	●		●	55
DTS 3261	7000 - 8500	115 V / 230 V / 460 V	47.60 x 15.55 x 12.83 (1209 x 395 x 326)	●	●		●	57
DTS 3265	9000 - 12000	115 V / 230 V / 400/ 460 V	53 (1347) x 16.2 (411) x 11.9 (301)	●	●		●	59
DTS 3361	12000 - 14000	230 V / 400 V / 460 V	59.13 x 15.87 x 18.42 (1502 x 403 x 468)	●	●		●	61
DTS 3561	16000 - 18000	230 V / 400 V / 460 V	59.13 x 19.02 x 21.02 (1502 x 483 x 534)	●	●		●	63
DTS 3661	20000 - 24000	230 V / 400 V / 460 V	65.63 x 19.02 x 25.53 (1667 x 483 x 623)	●	●		●	65
DTS Series Washdown Cooling Units - NEMA Type 4/4X								
DTS 3031 SS	900-1300	115 V / 230 V	15.5 (393.7) x 7 (177.8) x 7.75 (196.8)	●	●		●	69
DTS 3081	2000 - 3000	115 V / 230 V	20.16 x 10.08 x 10.79 (512 x 256 x 274)	●	●		●	71
DTS 3181	3000 - 4000	115 V / 230 V / 400/460 V	29.45 x 15.55 x 11.57 (748 x 395 x 294)	●	●		●	73
DTS 3181 SL	3000 - 5000	115 V / 230 V / 400/460 V	36 (914) x 12 (305) x 12 (302)	●	●		●	75
DTS 3185	5000 - 7000	115 V / 230 V / 400/ 460 V	36 (914) x 12 (305) x 12 (302)	●	●		●	77
DTS 3281	7000 - 8500	115 V / 230 V / 460 V	47.60 x 15.55 x 12.83 (1209 x 395 x 326)	●	●		●	79
DTS 3285	9000 - 12000	115 V / 230 V / 400/ 460 V	53 (1347) x 16.2 (411) x 11.9 (301)	●	●		●	81
DTS 3381	12000 - 14000	230 V / 400 V / 460 V	59.13 x 15.87 x 18.42 (1502 x 403 x 468)	●	●		●	83
DTS 3581	16000 - 18000	230 V / 400 V / 460 V	59.13 x 19.02 x 21.02 (1502 x 483 x 534)	●	●		●	85
DTS 3681	20000 - 24000	230 V / 400 V / 460 V	65.63 x 19.02 x 25.53 (1667 x 483 x 623)	●	●		●	87
DTI Series Integrated/Recessed (European)								
DTS 9011H	300 W	115 V / 230 V	11.81 x 19.49 x 5.51 (300 x 495 x 140)	●	●	○	●	91
DTI 9021	320 W	115 V / 230 V	12.95 x 15.16 x 9.92 (329 x 385 x 252)	●	●	●	●	93
DTI 9031	510 W	115 V / 230 V / 460 V	22.13 x 12.21 x 8.35/8.35/13.90 (562 x 310 x 212/212/353)	●	●	●	●	95
DTI 9241	1000 W	230 V / 400 / 460 V	60.59 x 19.09 x 7.09 (1536 x 485 x 180)	●	●	●	●	97
DTI 9341	1500 W	230 V / 400 / 460 V	60.59 x 19.09 x 7.09 (1536 x 485 x 180)	●	●	●	●	97
DTS 9441	2000 W	230 V / 400 / 460 V	60.59 x 19.09 x 9.45 (1536 x 485 x 240)	●	●	●	●	99
DTS 9541	2500 W	230 V / 400 / 460 V	60.59 x 19.09 x 9.45 (1536 x 485 x 240)	●	●	●	●	99
DTS 9841	4000 W	400 / 460 V	60.59 x 19.09 x 14.17 (1539 x 485 x 360)	●	●	●	●	101
Thermal-Electric Peltier Indoor Cooling Units								
PTM 100	100 W	24 VDC	14.45 (367) x 7.13 (181) x 8.9 (226)				●	103
PTM 150	150 W	24 VDC	19.49 (495) x 7.13 (181) x 8.9 (226)				●	103
DTS Series Water Cooled Cooling Units								
DTS 31X5 WC	6000-8000	VDC		●	●		●	107
DTS 32X5 WC	10000 - 12000	VDC		●	●		●	107
DTS Series High Temperature Cooling Units								
DTS 3265 HT	2800 W	230 V ONLY	53 (1347) x 16.2 (411) x 11.9 (301)	●	●		●	109
DTS 3165 HT	1600 W	230 V ONLY	36 (914) x 12 (305) x 12 (302)	●	●		●	109
DTS 3061 HT	600W	230 V ONLY	20.16 x 10.08 x 10.79 (512 x 256 x 274)	●	●		●	109

● available
○ pending

High Temperature Cooling Units

DTS 3265 HT (NEMA 3R/4)

DTS 3165 HT (NEMA 3R/4)

DTS 3061 HT (NEMA 3R/4)

- suitable for outdoor applications
- operation under extreme high temperature conditions (+ 60 °C)
- maintains a UL tested NEMA type 3R/4 seal against the enclosure
- high protection system IP 56, maintenance-free
- condenser with 3 mm fin spacing, highly effective protection against strongly contaminated ambient air
- large distance between intake and exhaust vents, safe circulation within the electrical enclosure due to long passage of air, therefore hot spots are eliminated
- integrated condensate evaporation system



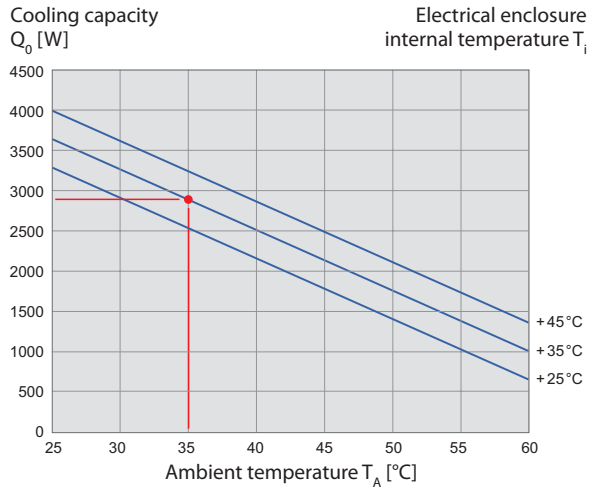
Data		DTS 3265 HT	DTS 3165 HT	DTS 3061 HT	Unit
Article number		13393841001	13393641001	13392341005	
Rated voltage ± 10 %		AC 50 Hz / 60 Hz			
		230 ONLY			V
Cooling performance according to EN 14511	L35/L35	2800	1600	600	W
	L40/L60	1250	750	200	
Power consumption	L35/L35	1360	860	360	
Current consumption	L35/L35	7.0	7.8	1.9	A
Starting current	L35/L35	38.0	26.0	6.5	
Unimpeded airflow (free flow)	internal	1200	1200	325	m³/h
	external	1200	580	150	
Pre fuse T		15	10	10	A
Type of connection	spring-type terminal included with plug				
Noise level according to EN ISO 3741		< 73	< 70	< 64	dB (A)
Weight (without packaging)		68	49	23	kg
Ambient temperature range	0 ... + 60 / + 52 ... + 140				°C / °F
Control range (adjustable)	+ 25 ... + 45 / + 77 ... + 113; factory setting + 35 / + 95				
Refrigerant	R134a	1200	900	400	g
Duty cycle		100			%
Condensate management	integrated condensate evaporation system with safety overflow				
Protection system according to NEMA type	3R/4	towards the electrical enclosure if used as intended by the manufacturer			
	1	towards the surroundings if used as intended by the manufacturer			
Design	housing	galvanised sheet steel			
	cover	galvanised/electrostatically powder coated (200 °C)			
Color (cover)	RAL 7035, different colours available on request				

Accessories	Piece	Article number	Information on page
Condensate bottle	1	18314000100	70

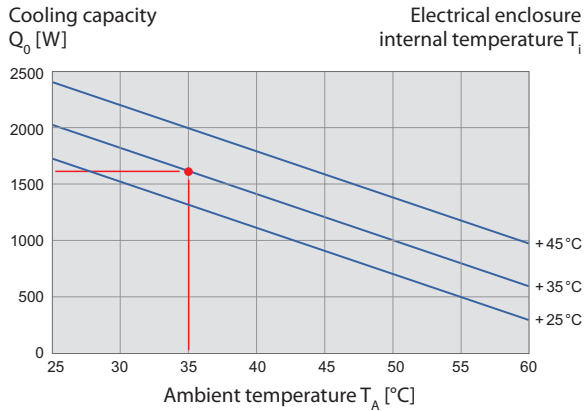
Approvals see page 19. For additional information to ensure the accurate setting of the motor protection switch, please see technical specific data sheet.

Cooling Capacity Performance Curves

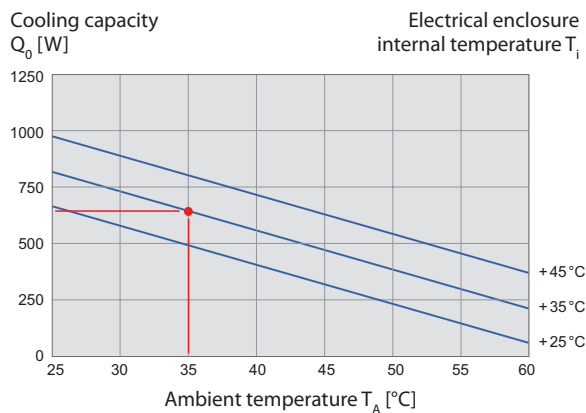
DTS 3265 HT



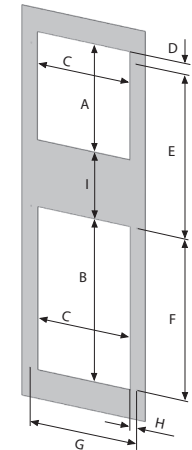
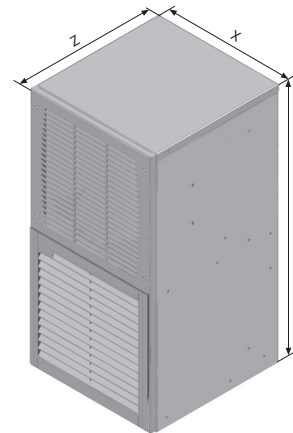
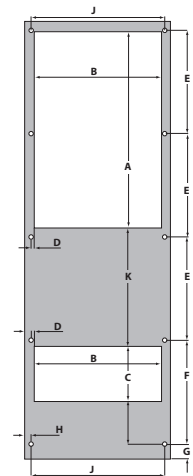
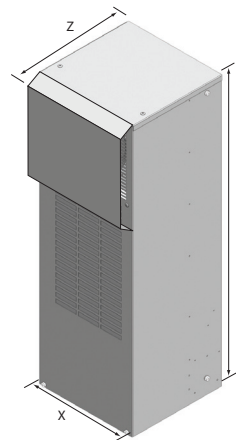
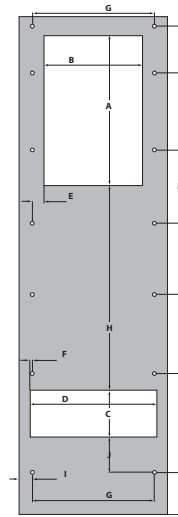
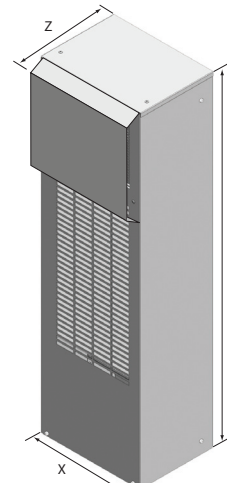
DTS 3165 HT



DTS 3061 HT

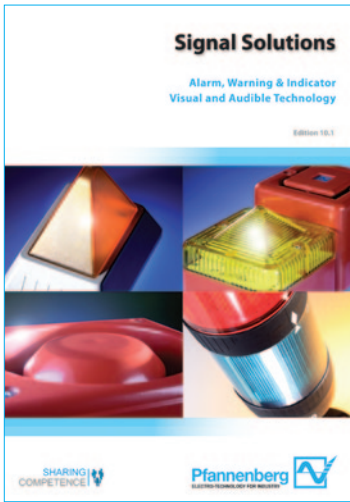


Dimensions



DTS 3265 HT	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
mm	406	1347	367	427	280	135	348	25	9	330	537	35	92	126	209	198	192	214	114	267
Mounting holes Ø 8 mm																				
DTS 3165 HT	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K						
mm	311	914	367	430	264	118	8	216	216	32	13	80	279	228						
Mounting holes Ø 10 mm																				
DTS 3061 HT	X	Y	Z	A	B	C	D	E	F	G	H	I								
mm	256	512	274	152.4	230.3	209.6	26.1	203.2	225.6	238.1	14.3	76.1								
Mounting holes Ø 7.9 mm																				

Other products and literature available from Pfannenberg...



Signal Solutions Guide



Global Service Guide



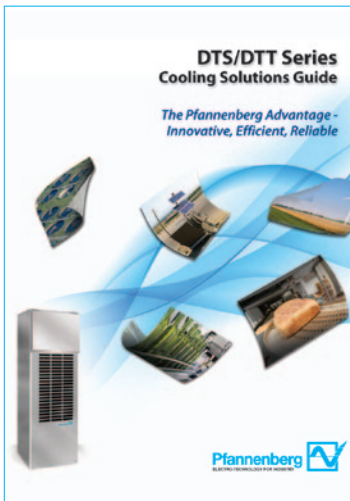
DTT Series Cooling Units



Wind Energy Solutions Guide



Food & Beverage Thermal Management Solutions



Cooling Solutions Guide

A Bright Idea!
*Building, Landmark & Art Illumination
by Pfannenberg*

Durable weather-resistant design and long service life make Pfannenberg lighting systems the optimal choice.

Call today for more information!

*TV Tower & Trinity Bridge,
St. Petersburg, Russia*

*Eiffel Tower,
Paris, France*



Pfannenberg Incorporated
68 Ward Road
Lancaster, New York 14086 USA
Phone: 716-685-6866
Fax: 716-681-1521

info@pfannenbergusa.com
www.pfannenbergusa.com



Subject to technical amendments and misprints.