DTS 3661 (NEMA 3R_4)   DTS 3681 (NEMA 4_4X)

Pfannenberg

ELECTRO-TECHNOLOGY FOR INDUSTRY

DTS 3661 (NEMA 3R/4) | DTS 3681 (NEMA 4/4X)

- suitable for the food and beverage industry and outdoor applications
- high protection system IP 56, maintenance-free in most applications
- maintains a UL tested NEMA type 3R/4 seal against the enclosure
- 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
- fully coated heat-exchangers and tubing

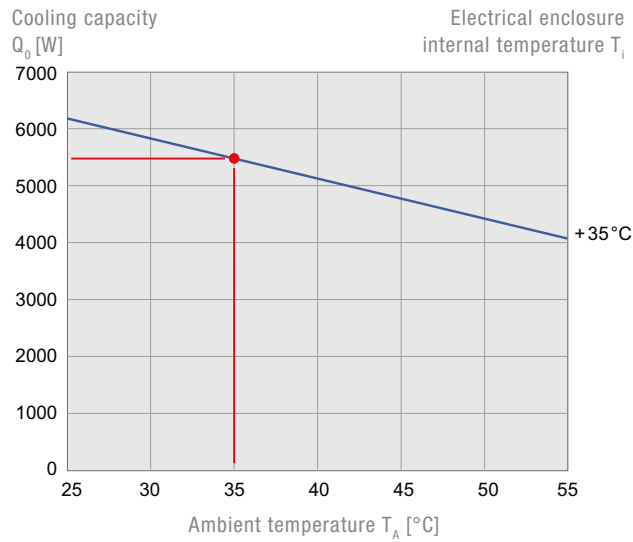| PRODUCT		DTS 3661 (NEMA 3R/4)	DTS 3681 (NEMA 4/4X)	
ARTICLE NO.	SC	13383936355	13383936158	UNIT
ARTICLE NO.	LAP[1]	13383936365	13383936168	
DATA				
Rated voltage ±10 %		AC 50	60		Hz
		400	460 3~		V
Cooling capacity according to EN 14511	A35/A35	5490		W
	A35/A50	4431		
Power consumption	A35/A35	2920		
Current consumption	A35/A35	6.3		A
Starting current	A35/A35	25		
Unimpeded airflow (free flow)	internal	2365	2740	m³/h
	external	2365	2740	
Pre fuse T		15		A
Type of connection		Pluggable connection included with plug		
Noise level according to EN ISO 3741		< 73		dB (A)
Weight (without packaging)		108	109	kg
Ambient temperature	SC	0 … +55	+ 32 … + 131		°C	°F
	LAP	− 40 … + 55	− 40 … + 131		
Control range (adjustable)		+ 25 … + 45	+ 77 … + 113; factory setting + 35	+ 95		
Refrigerant	R134a	1300		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	–	
	4/4X	–	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	galvanised sheet steel	
	cover	galvanised	electrostatically powder coated (200 °C)	stainless steel 304	
Colour		RAL 7035	different colours available on request	–	

[1] LAP (Low Ambient Package): to ensure proper operation of cooling cycle at low ambient temperatures.
For additional information to ensure the accurate setting of the motor protection switch, please see technical specific data sheet.
This information is included with the delivery of the unit or can be found at www.pfannenberg.com.

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ACCESSORIES	Piece	ARTICLE NUMBER
Condensate bottle	1	18314000100
Filter kit	1	18881500004

For additional models, options and voltages visit www.pfannenberg.com or contact us directly.
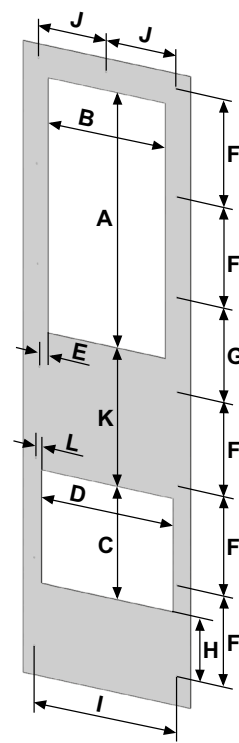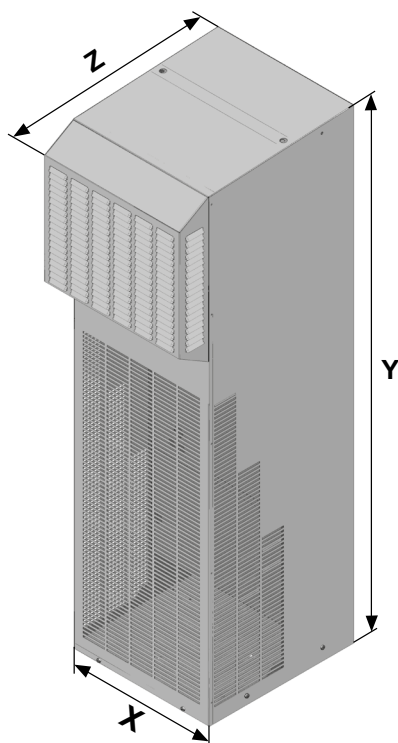
Cooling capacity performance curves

Cooling capacity Q_0 [W]

Electrical enclosure internal temperature T_i

+35°C

Ambient temperature T_A [°C]

Dimensions

	X	Y	Z	A	B	C	D	E	F	G	H	I	J	K	L
mm	485	1665	520	635	350	285	360	35	240	350	139	420	210	425	28.5

Mounting holes Ø 10 mm

DTS 3661 I DTS 3681

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