DTI 8601P | 8801P | 81001P
OUTDOOR COOLING UNITS 3000 - 5000 W



DTI: for partially recessed mounting of the cooling unit in the door or side

- Low ambient package - For operation down to -40°C and integrated heater
- Modbus communication - Equipped with Modbus RTU interface for easy machine ingtegration
- ETL listed - Listed to the new UL 60335 certification with enhanced safety standards
- High IP rating - IP55 protection for operation in a wide range of environments
- F-Gas ready - Safe and regulation-compliant solution with a low-GWP refrigerant

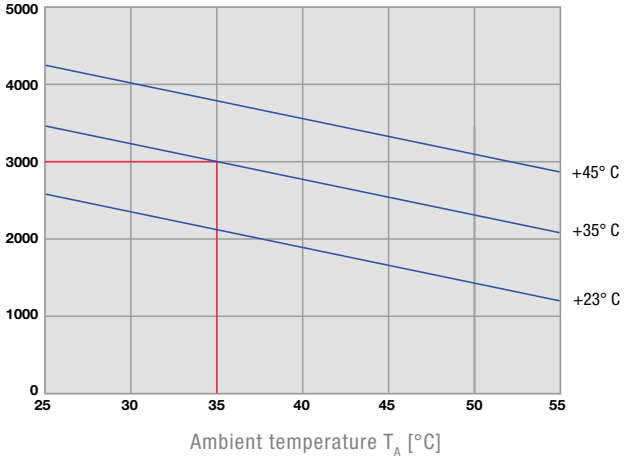
PRODUCT		DTI 8601P	DTI 8801P	DTI 81001P	unit
DATA					
Rated voltage ±10 %		AC 50 | 60			Hz
		230			V
Cooling capacity according to EN 14511	A35/A35	3000 | 3200	4000 | 4200	5000 | 5200	W
	A35/A50	2150 | 2300	3250 | 3450	3650 | 3850	
Power consumption	A35/A35	1250 | 1570	1850 | 1970	2150 | 2370	
Starting current	A35/A35	25	45	55	A
Energy efficiency ratio (EER)	A35/A35	2,4 | 2,0	2,2 | 2,1	2,3 | 2,2	
Heating power	@ 0°C	1500			W
Unimpeded airflow (free flow)	internal	1600	1600	2200	m^3/h
	external	1600	1600	1010	
Type of connection		spring-type terminal included with plug			
Weight (without packaging)		67	72	77	kg
Ambient temperature		-40 … +55 | -40 … +131			°C | °F
Control range (adjustable)		+20 … +45 | +68 … +113; factory setting +33 | +91.4			
Refrigerant	R513A	1420	1100	1050	g
Condensate management		condensate discharge pipe			
Control panel		on the internal side			
Protection system 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			
	cover	electrostatically powder coated (200 °C), stainless steel on request			
Colour		RAL 7035 or stainless steel on request			

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.

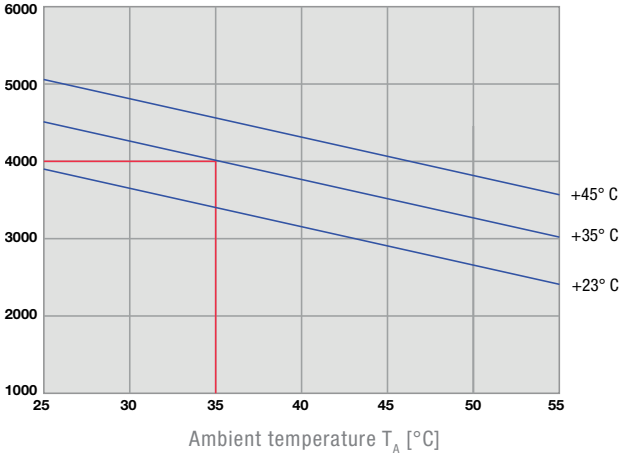
Cooling capacity performance curves

DTI 8601P | DTS 8801P | DTS 81001P

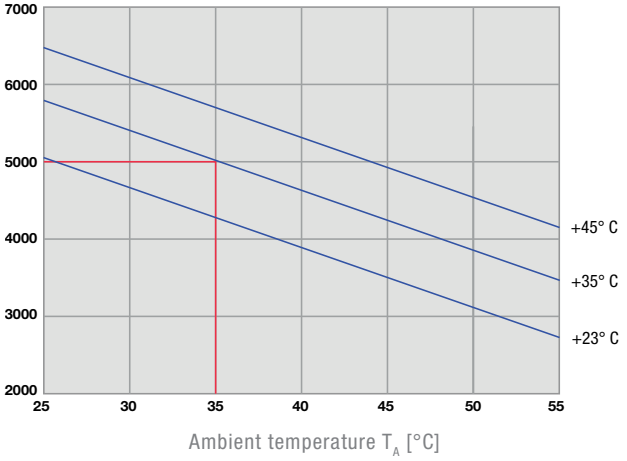
Cooling capacity Q_0 [W] — **DTI 8601P** — Electrical enclosure internal temperature T_i



Cooling capacity Q_0 [W] — **DTI 8801P** — Electrical enclosure internal temperature T_i



Cooling capacity Q_0 [W] — **DTI 81001P** — Electrical enclosure internal temperature T_i



Dimensions

		DTI 8601P			DTI 8801P | DTI 81000P		
		X	Y	Z	X	Y	Z
mm	with flange	550	1350	250	670	1400	300
mm	without flange	500	1300	250	620	1350	300

INSTALLATION DEPTH: APPR. 64 MM

