

DTI 8000P

OUTDOOR COOLING UNITS

Cooling for demanding
outdoor applications



Built to endure

IP55 protection and optional rainhood make the unit suitable for a wide range of challenging outdoor applications.



Safe and certified

ETL listed according to UL 60335, meeting enhanced safety standards for reliable use in industrial applications.



Low-temperature operation

Low ambient package with integrated heater enables reliable operation down to -40 °C.



Smart connectivity

Modbus RTU communication and fault alarm support remote monitoring and machine integration.



F-Gas ready

Safe and regulation-compliant solution using low-GWP refrigerant R513A to support future-ready operation.



Built for Versatility

Multiple performance classes provide the right cooling capacity for a wide range of applications.

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Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY



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DTI		8201P	8301P	8401P	8601P	8801P	81001P
Rated Voltage (±10%)		AC 50 60					
		230 V AC					
Cooling Capacity (A35/A35)	W	1000 1100	1500 1650	2000 2150	3000 3200	4000 4200	5000 5200
Power Consumption (A35/A35)	W	658 796	715 865	805 955	1250 1570	1850 1970	2150 2370
Starting Current (A35/A35)	A	13.8	14.5	14.8	25	45	55
Heating power	@ 0°C	1000 W			1500 W		
Unimpeded airflow (m³/h)	internal	510	1010	1010	1600	1600	2200
	external	1010	1010	1010	1600	1600	1010
Type of connection	W	spring-type terminal included with plug					
Weight (without packaging)		26 kg	27 kg	32 kg	67 kg	72 kg	77 kg
Ambient Temperature Range		-40...+55 °C / -40...+131 °F					
Refrigerent (R513A)	R513A	350 g		760 g	960 g	1100 g	1050 g
Condensate management		condensate discharge pipe					
Protection system according to EN 60529	IP55	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), stainless steel on request					
Color		RAL 7035 or stainless steel on request					

Performance where it matters

Designed for demanding applications

Designed for demanding outdoor applications exposed to extreme temperatures, dust, sand, rain, and wind.

Ideal for energy storage applications

Reliable enclosure cooling for Battery Energy Storage Systems, helping protect critical components in outdoor installations.

Suitable for micro data centers

Supports stable operating conditions for compact IT and infrastructure applications in challenging environments.



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