

Compact outdoor cooling units

DTS 3161 / DTS 3181, 1100 W

NEMA 3R/4, NEMA 4/4X version



- high degree of protection IP 56
- condenser protected against aggressive operating conditions
- high-capacity performance in compact design
- available in stainless steel
- maintenance-free
- suitable for food industry and outdoor applications
- integrated condensate evaporation



Side-mounted installation



System of protection



NEMA System of protection



DTS 3181



Standard Controller



Integrated condensate evaporation

Refrigeration data	DTS 3161 (NEMA 3R/4)	DTS 3181 (NEMA 4/4X)
Cooling capacity at A35/A35 ¹⁾	1100 W	
Cooling capacity at A50/A35 ¹⁾	950 W	
Type of refrigerant	R 134a	
Amount of refrigerant	400 g	
Thermostat setting	adjustable within a range of + 25 °C (+ 77 °F) to 45 °C (+ 113 °F), factory-set at 35 °C (+ 95 °F)	
Hysteresis	4K	
Air volume ²⁾ , external circuit	595 m ³ /h	
Air volume ²⁾ , internal circuit	595 m ³ /h	
Condensate discharge	integrated condensate management	

¹⁾ Refrigeration capacity according to EN 814 ²⁾ free-flow

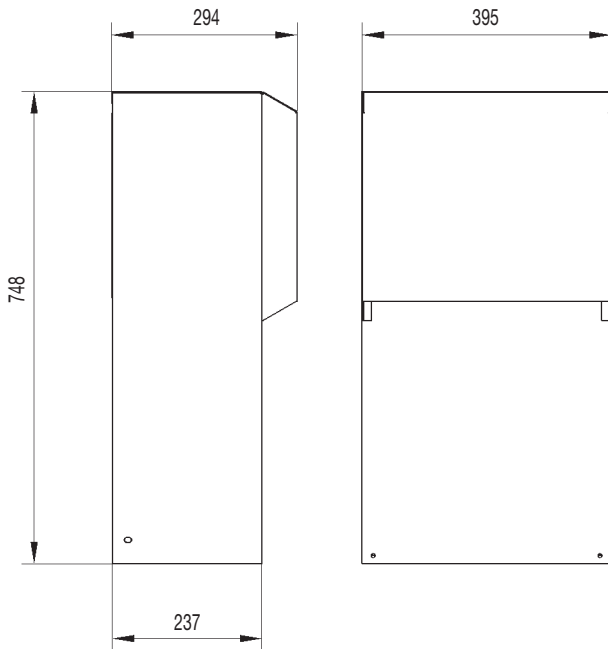
Electrical data	DTS 3161 (NEMA 3R/4)			DTS 3181 (NEMA 4/4X)		
Rated voltage	115 V	230 V	400 V / 460 V	115 V	230 V	400 V / 460 V
Rated frequency	60 Hz	50/60 Hz	50/60 Hz	60 Hz	50/60 Hz	50/60 Hz
Voltage range	103 V... 127 V	198 V... 252 V	360 V... 440 V / 404 V... 506 V	103 V... 127 V	198 V... 252 V	360 V... 440 V / 404 V... 506 V
Power consumption	712 W	712 W	760 W	712 W	712 W	760 W
Current consumption	7,9 A	3,9 A	1,9 A	7,9 A	3,9 A	1,9 A
Starting current	29,9 A	14,9 A	8,0 A	29,9 A	14,9 A	8,0 A
Type of connection	terminal					

Supplementary data	DTS 3161 (NEMA 3R/4)		DTS 3181 (NEMA 4/4X)	
Weight (without packaging)	40 kg	44 kg	42 kg	46 kg
Height x Width x Depth	748 x 395 x 294 mm			
Colour	RAL 7032 (european grey), other colours available on request			
Insulation	according to EN 60529			
Climatic data	max. ambient temperature + 55 °C			
Orientation	side or vertical			
Unit construction	sheet steel		304 stainless steel	
Corrosion protection	galvanized / electrostatically powder-coated (200 °C)		304 stainless steel	
System of protection	NEMA 3R / NEMA 4/4X against the enclosure, when used as recommended			
Standard scope of supply	operating instructions, technical datasheet, installation kit incl. plug-in connector			
Approvals	see overview cooling units / approvals			

We reserve the right to technical alterations. Subject to correction. 075000053

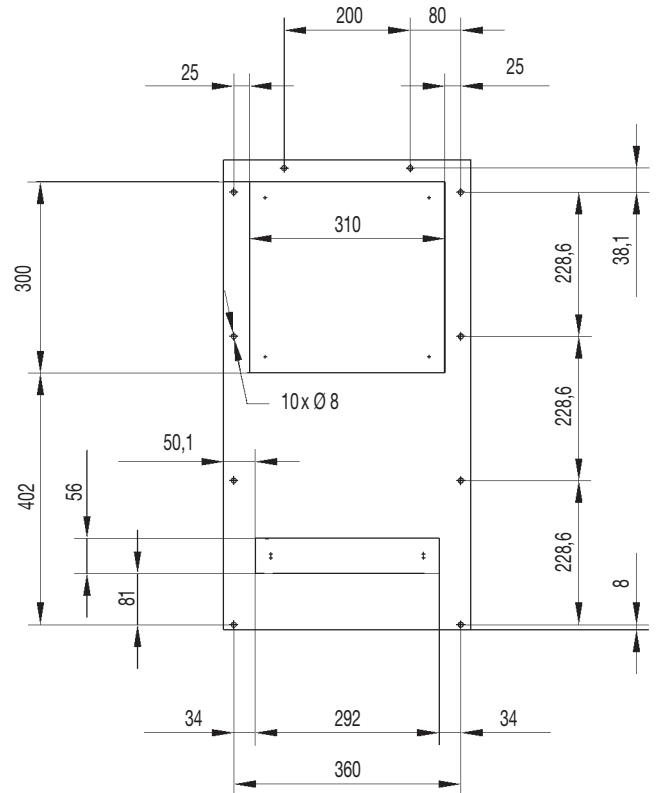
Mechanical data:

DTS 31xx NEMA 3R/4X



Installation cutout

DTS 31xx NEMA 3R/4X



Characteristic curves: DTS 3161 and DTS 3181 - Effective refrigeration capacity

