

Pfannenberg for IT industry

DTS 6201C | 6301C



Energy-efficient cooling solutions
for the IT industry

Optimised IT infrastructure with Pfannenberger cooling units



The IT infrastructure is developing rapidly. Large data centres with extremely high computing power are being built around the world. At the same time, there is a growing trend towards decentralised, smaller units that can process and provide data in real time. This so-called edge computing requires considerably less energy than large data centres and therefore also requires significantly less cooling capacity. The Pfannenberger 6201C and 6301C cooling units are perfect for this application. They can be easily mounted on the outside of the rack and the connection cable supplied enables quick commissioning without the need for specialist knowledge.

DTS 6201C | 6301C Green Series Compact Size

- Power plug Type F (Schuko) for easy commissioning
- Optional door contact
- Preset to 20°C set point
- Available as standard in IT design
- Energy-saving mode for efficient cooling when it is needed
- With display to show the temperature in the housing
- Integrated passive condensate evaporation

Available in black (RAL 9005) and white (RAL 9010)



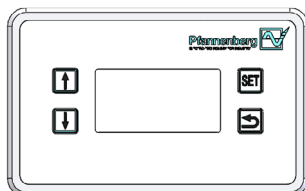
Find out more about our DTS 6201C | 6301C
Green Series Compact Size for the IT industry!

DTS 6201C | 6301C
Green Series Compact Size

PRODUCT		DTS 6201C	DTS 6301C	
ARTICLE NO.	RAL 9005	13888251905	13888351905	
	RAL 9010	13888251910	13888351910	

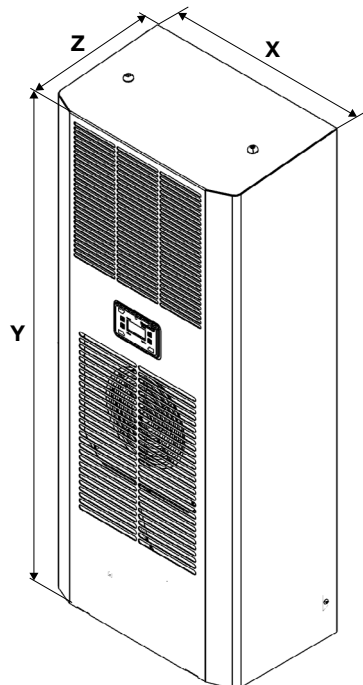
DATA

Rated voltage ±10 %		AC 50 60		Hz
		230		V
Cooling capacity according to EN 14511	A35/A35	1000 1150	1500 1580	W
	A35/A50	780 880	1200 1250	
	A35/A25	1250 1330	1640 1700	
Power consumption	A35/A35	505 550	610 705	
Starting current	A35/A35	5.4	10.7	
Energy efficiency ratio (EER)	A35/A35	2.1 2.2	2.1 2.2	
	A35/A50	1.4 1.5	1.4 1.5	
	A35/A25	2.7 2.7	2.7 2.7	
Unimpeded airflow (free flow)	internal	885 920		m³/h
	external	885 920		
Type of connection		Power plug Type F spring-type terminal included with plug		
Weight (without packaging)		34		kg
Ambient temperature		+15 ... +55 + 59 ... + 131	+15 ... +60 + 59 ... + 140	°C °F
Control range (adjustable)		+ 20 ... + 45 + 68 ... + 113; factory setting + 20 + 68		
Refrigerant	R513A	300	400	g
Condensate management		integrated condensate evaporation system with safety overflow		
Control panel		Controller with display (DIS)		
Protection UL 50	Type 12	towards the electrical enclosure if used as intended by the manufacturer		
Protection system according to EN 60529	IP 55	towards the electrical enclosure if used as intended by the manufacturer		
	IP 24	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 9005 RAL 9010		



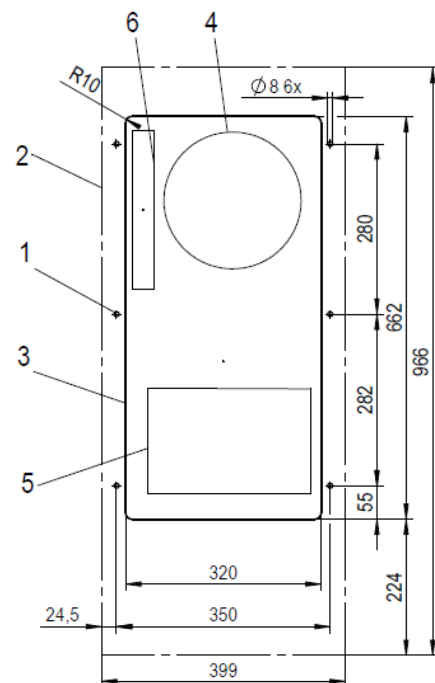
The DTS 6021C and DTS 6031C are equipped with our display controller (DIS), which features an energy-saving mode with a new algorithm that does not require an additional temperature sensor. The display menu shows alarms, temperatures, energy-saving mode and error codes.

Dimensions and Cut-out



DTS	X	Y	Z
mm	399	966	244

Mounting holes $\varnothing$ 8 mm and cut-out radii R20



DTS	
1	Drill holes
2	Device outline
3	Installation cut-out
4	Air inlet (appliance side)
5	Air outlet (appliance side)
6	Connection area

Do you need cooling for your IT applications?
Contact us with your request via our [contact form](#).