DTFS 6021 | 31 | 41
Green Series



+ Flexible mounting
+ Conformity with F-Gas Regulation
+ Increased energy efficiency

Variable integration through space-saving housing design

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DTFS Green Series: Product benefits at a glance



Flexible mounting

- Fully integrable in the door or side
- Suitable for external mounting on the door or side installation
- Suitable for narrow enclosure designs
- Quick and easy installation: uses the same cut-out

Environmentally friendly

- In accordance with the “F-Gas“ regulation: Use of R-513A, a low GWP refrigerant
- Maximum energy efficiency: EER > 2
- Low amount of refrigerant contained

Various applications

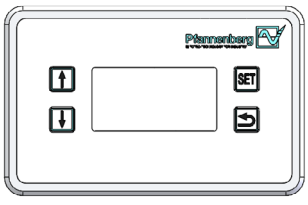
- Smaller dimensions: Cooling units fit into narrow cabinets (e.g. door width 400 mm)
- Enables space-saving machine planning & construction
- 400V and 115V versions do not require additional space due to the integrated transformer



Controller

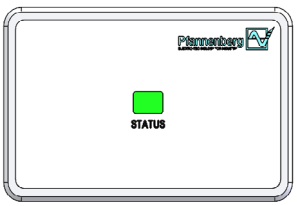
The DTFS series is equipped with two variants of controllers - Display and LED variant. Both variants have an energy-saving mode with a new algorithm that does not require an additional temperature sensor.

Display



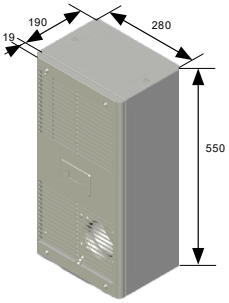
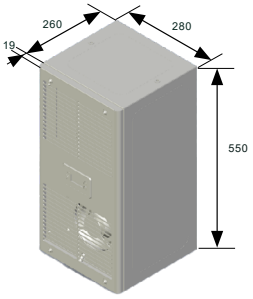
Shows alarms, temperatures, energy-saving mode and error codes via the display menu.

LED



Indicates normal operation, energy-saving mode and errors via colored LED light.

DTFS Green Series: Three performance classes - two sizes

PRODUCT	DTFS 6021	DTFS 6031	DTFS 6041
DATA			
Cooling capacity @35/35 230 V 50 Hz	370 W	570 W	870 W
Dimensions			

DTFS Green Series: Comparison 6000 vs 9000 series

	Cooling capacity @35/35 230 V 50 Hz		EER @230 V 50 Hz		Amount of refrigerant R513A / R134a	
COMPARISON						
DTFS 6021	370 W	+ 16 %	2,1	+ 51 %	150 g	- 57 %
DTFI 9021	320 W		1,39		350 g	
DTFS 6031	570 W	+ 12 %	2,3	+ 28 %	180 g	- 28 %
DTx 9031	510 W		1,8		250 g	
DTFS 6041	870 W	+ 0 %	2,1	+ 27 %	225 g	- 44 %
DTx 9041	870 W		1,66		400 g	

Easy maintenance

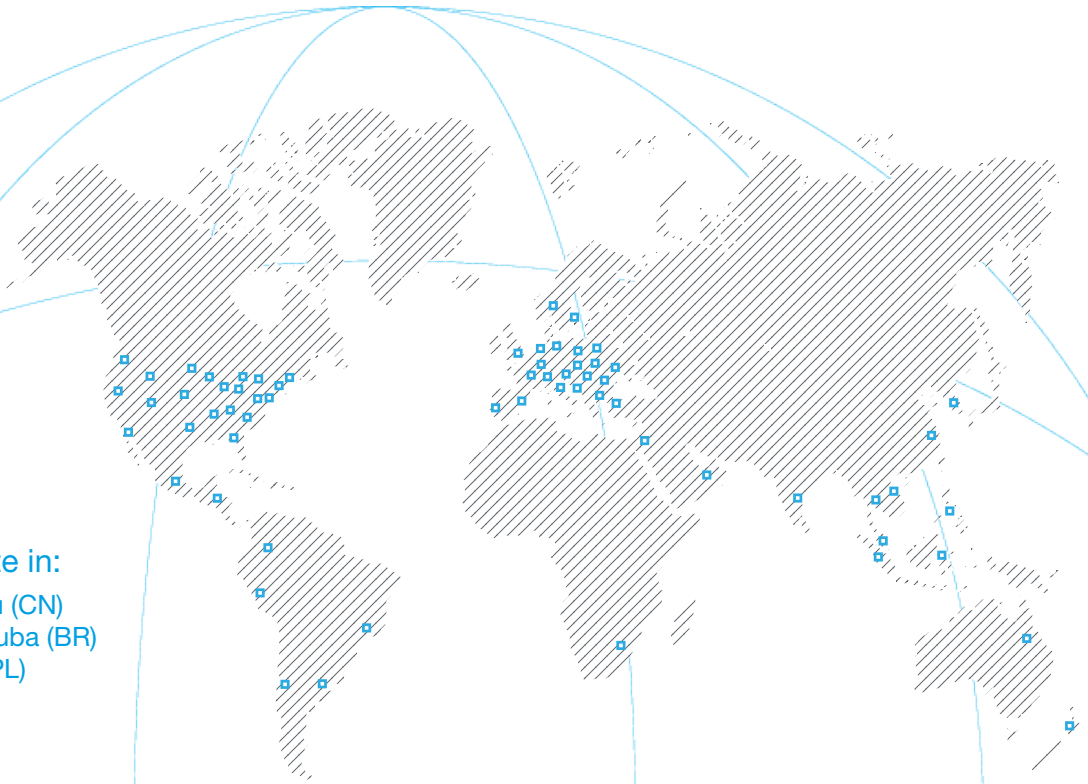


- Direct access to control unit and condenser
- Simple replacement of fans due to pre-assembled spare parts
- Quick access to the external heat exchanger enables fast cleaning

Pfannenberg – Protecting People, Machines and the Environment

Vision

One Pfannenberg for Our Customers – We are constantly working to develop the best and most sustainable products for you.



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Singapore (SG)
Suzhou (CN)
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In addition, we at Pfannenberg work in partnership with sales representatives and regional agents worldwide in order to be able to present our product portfolio to you.

Sustainability

We combine the flexibility of a family-run company with the agility of a global corporation. In our work, we attach great importance to combining tradition with innovation in order to be able to act in a future-oriented manner.

Would you like to find out more about our F-Gas compliant cooling units?

Please contact your Pfannenberg contact person or write our Product Management a message!

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