

Thermal Management Solutions

# Green Series DTI/DTS 6000

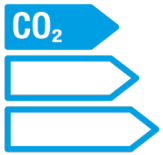
Energy efficient for the future



# What makes the Green Series so special



## The advantages of the Green Series are manifold



### Less energy consumption

The new Green Series achieves even higher energy savings of up to 11% (depending on the unit) through renewed unit optimisation and is therefore noticeably more cost-efficient.



### Less refrigerant

The refrigerant requirement could be reduced by up to 50%. This minimises the use of resources, lowers the Global Warming Potential (GWP) and supports the objectives of the European F-Gases-Regulation.



### Future proof

All units of the new Green Series are already certified according to UL 60335 listed. The addition of the word „listed“ facilitates certification, as the units do not have to be approved as part of the overall system.



### Intelligent commissioning

By using a jumper, a simple change between 400V and 460V is now also possible quickly and easily for the 3-phase units. The connector plug is fully recessed in the now centrally placed connection area.

### Further Features

All the advantages that have distinguished our DTI/DTS series so far have of course been retained or even improved. To name just a few:

- Cut-out compatibility of all performance classes with hereditary units and also with other cooling concepts, e.g. with air/water heat exchangers.
- Simple and quick installation in a few minutes in the partially recessed version
- Large distances between air inlet and outlet for particularly good ventilation
- Maximum ease of service due to easy access to the main components
- Increase in protection class from IP54 to IP55 to the cabinet

## For every application

Installation*	Perform. class	Voltage			Cover material		Controller***	
		115V	230V	400/460V	Steel sheet**	stainless steel	SC	MC
DTI / DTS	1000W	✓	✓	✓	✓	✓	✓	✓
	1500W	✓	✓	✓	✓	✓	✓	✓
	2000W	✓	✓	✓	✓	✓	✓	✓
	2500W			✓	✓	✓	✓	✓
	4000W			✓	✓	✓	✓	✓

\* DTI - partially recessed mounting, quick installation; DTS - door- or sidemounting

\*\* Galvanised sheet steel, RAL7035 powdered. Other colours on request.

\*\*\* SC - Standard-Controller with basic functions; MC - Multi-Controller /w extended features (you can find more details on our website)

## Calculate energy efficiency by yourself

### Energy costs per year

Your energy costs per Year: 5278 kWh

**Your savings: 12%**

- Energy Savings: 652 kWh
- Cost Savings: 104,38 €
- CO2 Savings: 287 kg

Cost savings



Very high

Energy Savings



Medium

1,250 kWh corresponds to the energy consumption of a household per year.

Calculation example

If you would like to get an overview of possible savings potentials of your application, then why not visit our energy efficiency calculator on our homepage.

Simply enter the power, the load and your price per kWh and you will receive a clear presentation of your savings as a pdf file.

[www.pfannenber.com/GreenSeries](http://www.pfannenber.com/GreenSeries)

## Further information

Are you interested in the cooling units of our new Green Series? Would you like more information about our solutions and our portfolio for control cabinet air conditioning? Below you will find two links to help you. We look forward to receiving your feedback



[Green Series](#)



[Contact form](#)

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