

# CLIMRACK CR series

→ **The "high density"**  
cooling solution for  
data centres



# CLIMRACK CR SERIES

## Rack equipped with self-contained cooling system

### › Optimise your data centres

Very high capacity to size ratio: up to 18 kW per rack.

Modular when adding new racks to a data centre.

CLIMRACK is available fitted to 47U racks.

### › Increase your energy efficiency

Hot air is conditioned at its source.

The water temperatures are selected to ensure that no condensation forms, meaning that 100% of the heat energy produced can be dedicated to cooling.

High water temperatures ensure that free cooling facilities are quickly cost effective.

### › Technical specifications

Return air temperature / humidity	Water temperature conditions (°C)	Capacity (kW)	Water flow rate (m <sup>3</sup> /h)	Supply air temperature / humidity	Pressure drop (mWC)
33°C / 10g/kg dry air	13 / 18	14	2.4	22.5°C / 10g/kg dry air	2.13
33°C / 10g/kg dry air	14 / 19	13	2.24	23.2°C / 10g/kg dry air	1.87
37°C / 10g/kg dry air	13 / 18	<b>18</b>	3.09	23.5°C / 10g/kg dry air	3.39
37°C / 10g/kg dry air	14 / 19	17	2.93	24.2°C / 10g/kg dry air	3.06

### › Safeguard your data centre

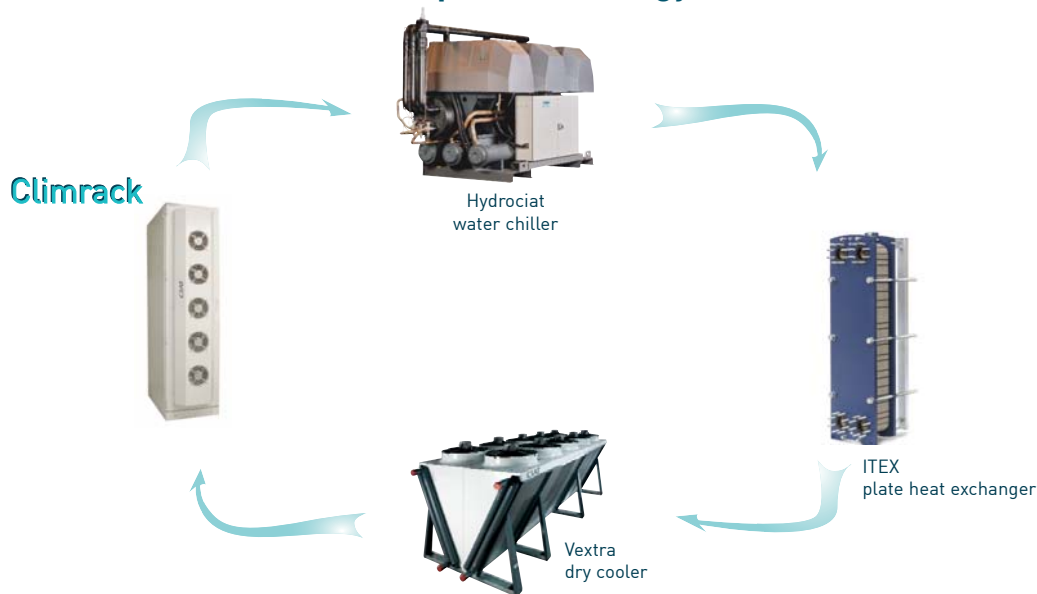
Continuous fan operation ensures uniform temperatures in racks and in the room:

no hot or cold spots.

Use of halogen-free cables.

Electronic fan speed control module.

### "CIAT also offers optimised energy solutions"



This document is non-contractual. As part of its policy of continual product improvement, CIAT reserves the right to make any technical modification it feels appropriate without prior notification.

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CERTIFIED ISO 9001  
QUALITY SYSTEM

