

JREF CW

COMPUTER ROOM AIR CONDITIONING UNITS

CHILLED WATER



Also available with 60 Hz power supply

		0150	0170	0210	0250	0270	0320
Chilled water 7/12°C; Inlet air conditions 24°C - 50% r.h.							
Total cooling capacity	kW	14.6	17.0	21.2	24.8	27.2	31.7
SHR	-	0.9	0.9	0.8	0.8	0.9	0.8
EER	-	18.5	21.3	24.0	20.8	23.3	27.6
Chilled water 10/15°C; Inlet air conditions 30°C - 35% r.h.							
Total cooling capacity	kW	17.7	20.2	21.9	27.4	31.4	32.9
SHR	-	1.0	1.0	1.0	1.0	1.0	1.0
EER	-	22.4	25.3	24.9	23.0	26.8	28.6
Chilled water 20/26°C; Inlet air conditions 35°C - 30% r.h.							
Total cooling capacity	kW	11.3	12.9	14.6	17.8	20.1	22.2
SHR	-	1.0	1.0	1.0	1.0	1.0	1.0
EER	-	14.4	16.1	16.6	14.9	17.2	19.3
Air Flow Rate	m³/h	4130	4130	4130	6130	6060	5930
Fan Absorbed Power	kW	0.8	0.8	0.9	1.2	1.2	1.2
Fan Absorbed Current	A	1.3	1.3	1.4	1.9	1.9	1.9
Dimensions [L x H x D]*	mm	600 x 2000 x 600			900 x 2000 x 600		

*Displacement version H = 2100 mm

ITALIAN
COOLING
SOLUTIONS

HiRef

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CHILLED WATER

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18 - 33 kW

HiRef

HiRef S.p.A.
Viale Spagna, 31/33
35020 Tribano (PD) Italy
Tel. +39 049 9588511
Fax +39 049 9588522
e-mail: info@hiref.it
www.hiref.it

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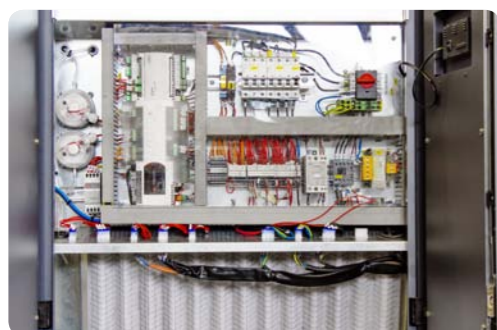


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COMPUTER ROOM AIR CONDITIONING UNITS CHILLED WATER

JREF CW is the new range of computer room air conditioning units running with chilled water for technological environments that require a smaller footprint, the delivered cooling capacity being equal. A thorough analysis of computational fluid dynamics (CFD) made it possible to design with extreme care all construction details in order to minimise pressure drops on the air flow and therefore the energy consumption of the fans. The wider air passage sections make it easier and faster to carry out installation and maintenance operations, thanks to the larger internal space.

EASIER ELECTRICAL MAINTENANCE



Thanks to the large-sized electrical panel, operations on the onboard electronics are easier to carry out, and thus faster.

OPTIMISED FILTERING CROSS-SECTION



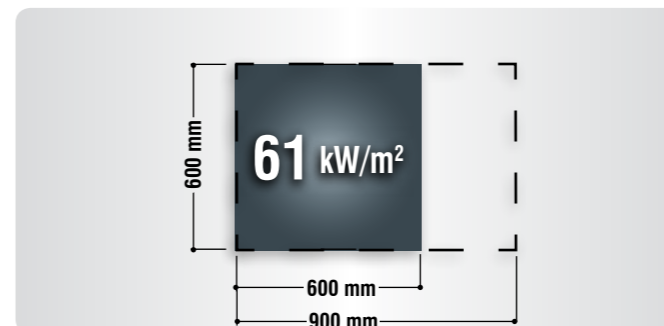
In the upflow and downflow versions, the air filter is positioned parallel to the coil and has the same surface extension; this significantly reduces the pressure drop of the air while passing through, and consequently the energy absorbed by the fans.

OPTIMISATION OF INTERIOR SPACE



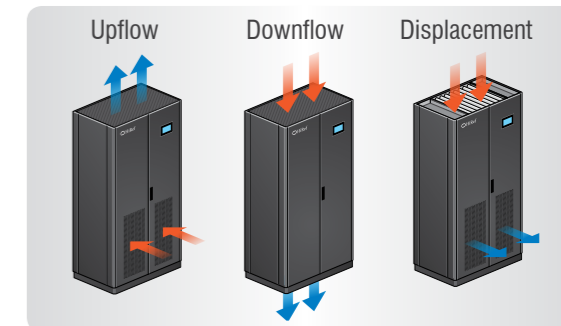
The positioning of water pipes and power wires in the empty space of the load-bearing structure increases the available room inside and significantly simplifies installation and maintenance operations, which must be carried out exclusively from the front of the equipment.

HIGH CAPACITY DENSITY



Improved utilisation of the server room thanks to the smaller footprint.

AVAILABLE VERSIONS



- » Re-heating systems:
 - with electrical heaters
 - with hot water coil
- » Double panelling (standard on the side, front and back upon request)
- » Stainless steel drain pan
- » Latest generation of EC radial fans