

**NEXT EVO CW:** Close control air conditioners for chilled water feeding with upflow or downflow air delivery

Cooling Capacity: 6,2 ÷ 248,0 kW



next  
rcgroup airconditioning



#### MAIN FEATURES

- Chilled water feeding precision air conditioner.
- 15 models available, 6 versions for a wide selection opportunity.
- Chilled water feeding.
- Two-way chilled water valves.
- EC plug-fans.
- 4R, 6R, 8R versions, upflow (OVER) or downflow (UNDER) air delivery.
- Suitable for indoor installation.

#### MAIN BENEFITS

- Technical synergy with RC Group liquid chillers.
- Availability of electric heater.
- Availability of steam humidifier.
- Availability of hot water heating coil.
- Availability of extra circuit heating coil (only for 4R version).
- Availability of units with separate fan section, PLUS.
- Complete set of optional accessories: filters, plenum, panels, stand.
- Easily of maintenance.

#### INDOOR INSTALLATION

The machines are designed for indoor installation.

#### WORKING LIMITS

Room air temperature:

- 14°C minimum temperature with wet bulb.
- 24°C maximum temperature with wet bulb.
- 35°C maximum temperature with dry bulb.

Room air humidity:

- 20%RH minimum relative humidity.
- 75%RH maximum relative humidity.



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1 9 6 3 2 0 1 3  
fifty cool years

## MAIN COMPONENTS

### FRAMEWORK

- Base in aluminium extrusion, painted with epoxy powders.
- Frame in galvanized steel sheet.
- Galvanized steel sheet panels painted with epoxy powders, internally insulated with noise absorption material and seals to ensure air tight with the panels.  
Hinged front panels with quick release removal system.
- Total front access for routine maintenance.
- Removable lateral and back side panels.
- Colour: RAL 9005 for base and frame (black)  
RAL7016 for panels (anthracite gray)
- OVER version
  - Air intake from the front through honeycomb type grille and air delivery from the top.
  - Washable air pre-filters with G2 efficiency, with cells in synthetic fibre (size E0 excluded).
- UNDER version  
Machine size E0:
  - Air intake from the front through honeycomb type grille and air delivery from the bottom.
 Machine size E1, E2, E3, E3P, E4, E5, E6, E7, E8, E9 and all PLUS series:
  - Air intake from the top and air delivery from the bottom.

### FILTER SECTION

- Size E0:
  - Washable air filters with G2 efficiency, with cells in synthetic fibre and metallic frame (EN 779-2002).
- Size E1, E2, E3, E3P, E4, E5, E6, E7, E8, E9 and all PLUS series:
  - Washable air filters with G4 efficiency, with cells in synthetic fibre and metallic frame (EN 779-2002).

### COOLING SECTION

- Heat exchanger coil with internally corrugated copper tubes and high efficiency aluminium fins, specifically developed to provide high heat transfer and lower pressure drops.  
The heat exchanger is available in 4R, 6R or 8R version. The choice must be made when ordering.  
The heat exchangers in 6R or 8R version are not available for size E0 units.
- 2-way motorized valve for water flow regulation with 0÷10 VDC control actuator and emergency manual control. Nominal operating pressure up to 1600 kPa and closing pressure ( $\Delta p_s$ ) of 1400 kPa.
- Frame in galvanized steel.
- Condensate tray in peraluman with PVC flexible discharge pipe.

### FANS SECTION

#### NEXT EVO CW OVER / UNDER

The fan section is contained within the machine and includes:

- The fan section is contained within the machine and includes Centrifugal fans with backward aerofoil curved blades, single suction and without scroll housings (Plug-fans), directly coupled to electric motor.
- Brushless type synchronous EC electric motor with external rotor with integrated electronic commutated system and continuous variation of the rotation speed.  
The motor rotation control is obtained with the EC system (Electronic Commutation) that manage the motor through serial communication between electric motor interface and microprocessor control.
- Temperature sensors on air intake and delivery.
- Fan guard with rubber support (UNDER version)

### NEXT EVO CW PLUS

The fan section is separated and is designed to be fixed under the machine. The fan section provides the air discharge from the front and can be installed in the raised floor void or directly on the floor for downflow air delivery. It is possible to provide the air flow towards the rear of the machine by moving the panels and the fan guard.

The fans section includes:

- Height adjusting rubber holders.
- The fan section is contained within the machine and includes Centrifugal fans with backward aerofoil curved blades, single suction and without scroll housings (Plug-fans), directly coupled to electric motor.
- Brushless type synchronous EC electric motor with external rotor with integrated electronic commutated system and continuous variation of the rotation speed.  
The motor rotation control is obtained with the EC system (Electronic Commutation) that manage the motor through serial communication between electric motor interface and microprocessor control.
- Temperature sensors on air intake and delivery.
- Fan guard with rubber support on air intake and delivery

### ELECTRICAL PANEL

In accordance with EN60204-1 norms complete with:

- Main switch with door lock safety.
- Magnetothermic switches for fans.  
Contactors for each load. The supply fans equipped with EC electric motor and don't require contactors.
- Transformer for auxiliary circuit and microprocessor supply.
- Terminals:

#### OUTLETS

- Voltage free deviating contact for General Alarm 1
- Voltage free contact for supply fans status.

#### INLETS

- Emergency unit stop with signalling on display (external alarm).
- External enabling.
- Power supply 230/1/50 for size E0.
- Power supply 400/3/50+N for other size.

### CONTROL SYSTEM

- Microprocessor system with graphic display for control and monitor of operating and alarms status. The system includes:
  - Real time clock.
  - Predisposition for connectivity board housing ( RCom MBUS/JBUS, LON, BACnet for Ethernet (SNMP- TCP/IP), BACnet for MS/TP).
  - Main components hour-meter.
  - Nonvolatile "Flash" memory for data storage in case of power supply faulty and for alarms status recording (2MB).
  - Menu with protection password.
  - LAN connection.

## COMMON OPTIONAL ACCESSORIES

NEXT EVO CW SIZE	006 E0	015 E1	023 E2	033 E3	050 E3P	060 E4	082 E5	098 E6	116 E7	128 E8	148 E9	140 E7	160 E8	190 E9	240 E10
	-	-	-	-	-	-	-	-	-	-	-	PLUS	PLUS	PLUS	PLUS
848 - Condensate discharge system (kit)	•	•	•	•	-	-	-	-	-	-	-	-	-	-	-
849 - Condensate discharge system	-	-	-	-	-	•	•	•	•	•	•	-	-	-	•
935 - H2O deviation valve (3 way)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
810 - Floor stand Hmax=350 mm	•	•	•	•	•	•	•	•	•	•	•	-	-	-	-
811 - Floor stand Hmax=450 mm	•	•	•	•	•	•	•	•	•	•	•	-	-	-	-
812 - Floor stand Hmax=510 mm	•	•	•	•	•	•	•	•	•	•	•	-	-	-	-
808 - Sandwich panels	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
832 - Air supply plenum with F6 filters	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•
833 - Air supply plenum with F7 filters	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•
835 - Air supply plenum with F9 filters	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•
843 - Motorized damper with frame	-	•	•	•	•	•	•	•	•	•	•	-	-	-	-
945 - Air return plenum with Free Cooling damper	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•
321 - Steam humidifier	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
310 - Electric heater	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
204 - Pressure control under the raised floor.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
508 - Automatic S/W operation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
215 - Disposal F5 efficiency air filter	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•
909 - Clogged filters alarm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
911 - Water presence alarm	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
913 - Additional water sensor (kit)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
860 - T/rH sensor on air return	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
866 - T/rH external sensor	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
867 - T/rH remote sensor	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
923 - RC-Com MBUS/JBUS Serial board	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
926 - LON Serial board	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
931 - BACnet Ethernet - SNMP - TCP/IP Serial board	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
932 - BACnet MS/TP Serial board	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MBUS RS485/JBUS + BACnet for Ethernet - SNMP - TCP/IP double serial board	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MBUS RS485/JBUS + BACnet per MS/TP double serial board	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
958 - Temporary power microprocessor	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
863 - Remote terminal shared	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
962 - Kit modem GSM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
957 - Plantwatch without modem	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
930 - Remote graphic terminal kit	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

## OPTIONAL ACCESSORIES - 4R VERSION ONLY

NEXT EVO CW SIZE	006 E0	015 E1	023 E2	033 E3	050 E3P	060 E4	082 E5	098 E6	116 E7	128 E8	148 E9	140 E7	160 E8	190 E9	240 E10
	-	-	-	-	-	-	-	-	-	-	-	PLUS	PLUS	PLUS	PLUS
405 - Extra-Circuit system	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•
773 - Dehumidification system	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
514 - Water heater + 2 way valve	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

## OPTIONAL ACCESSORIES - OVER VERSION ONLY

NEXT EVO CW SIZE	006 E0	015 E1	023 E2	033 E3	050 E3P	060 E4	082 E5	098 E6	116 E7	128 E8	148 E9	140 E7	160 E8	190 E9	240 E10
	-	-	-	-	-	-	-	-	-	-	-	PLUS	PLUS	PLUS	PLUS
862 - Acoustic panel	-	•	•	•	•	•	•	•	•	•	•	-	-	-	-
830 - Air discharge plenum with grilles	•	•	•	•	•	•	•	•	•	•	•	-	-	-	-
831 - Plenum with frontal grille and sound absorber	-	•	•	•	•	•	•	•	•	•	•	-	-	-	-
836 - Air supply plenum with sound absorber	-	•	•	•	•	•	•	•	•	•	•	-	-	-	-
807 - Blind frontal panel	-	•	•	•	•	•	•	•	•	•	•	-	-	-	-
Temperature sensor on chilled water inlet / outlet.	•	•	•	•	•	•	•	•	•	•	•	-	-	-	-

## OPTIONAL ACCESSORIES - UNDER VERSION ONLY

NEXT EVO CW SIZE	006 E0	015 E1	023 E2	033 E3	050 E3P	060 E4	082 E5	098 E6	116 E7	128 E8	148 E9	140 E7	160 E8	190 E9	240 E10
	-	-	-	-	-	-	-	-	-	-	-	PLUS	PLUS	PLUS	PLUS
843 - Motorized damper with frame	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Temperature probe on chilled water inlet/outlet.	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•

• available accessory; - not available accessory

TECHNICAL DATA - NEXT EVO CW - 4R VERSION

MODEL		006	015	023	033	050	060	082	098	116	128	148
SIZE		E0	E1	E2	E3	E3P	E4	E5	E6	E7	E8	E9
VERSION		4R										
<b>COOLING CAPACITY (1)</b>												
Total	kW	6,2	11,8	19,1	27,8	38,8	49,3	67,7	73,7	89,3	106,0	123,0
Sensible	kW	5,8	10,6	17,4	25,4	35,2	44,8	61,1	66,8	81,5	95,5	112,0
SHR	kW/kW	0,94	0,90	0,91	0,91	0,91	0,91	0,90	0,91	0,91	0,90	0,91
Power input Over	kW	0,10	0,30	0,73	1,05	1,41	1,90	2,54	2,80	2,94	4,09	4,66
Power input Under	kW	0,10	0,29	0,67	0,98	1,32	1,77	2,38	2,62	2,71	3,84	4,37
Supply fans	n.	1	1	1	1	1	1	2	2	2	3	3
Air flow	m³/h	1800	2700	4475	6600	9000	12200	15500	18000	21100	24200	28680
Nominal external static pressure Over	Pa	20	30	50	50	50	50	50	50	50	50	50
Nominal external static pressure Under	Pa	20	20	20	20	20	20	20	20	20	20	20
Max external static pressure	Pa	80	52	175	474	505	131	344	510	610	295	458
<b>Cooling coil</b>												
Water flow rate	m³/h	1,1	2,0	3,3	4,8	6,7	8,5	11,6	12,6	15,3	18,2	21,1
Pressure drop - coil + valve	kPa	46	25	66	53	72	50	70	46	70	71	63
Air filters	n.	1	1	1	2	2	3	3	4	4	5	6
Efficiency		G2	G4									
Power supply		400/3/50+N										
Max operating current (FLA)	A	1,23	2,20	1,70	4,18	4,80	4,30	8,36	8,86	8,60	12,54	13,29
<b>Sound level - ISO 3744 (2)</b>												
On air delivery Over	dB(A)	51,0	58,4	63,3	64,9	64,8	68,2	70,7	67,8	68,3	73,3	70,9
On air delivery Under	dB(A)	51,0	58,4	63,3	64,7	64,7	68,2	70,6	67,9	68,2	73,2	71,0
On air intake Over	dB(A)	39,8	44,9	49,8	51,4	51,3	54,7	57,2	54,3	54,8	59,8	57,4
Irradiated Over	dB(A)	32,9	40,3	45,2	46,8	46,7	50,1	52,6	49,7	50,2	55,2	52,8
On air intake Under	dB(A)	39,8	49,5	54,3	56,0	56,2	59,5	62,0	59,2	59,5	64,5	62,3
On front side Under	dB(A)	32,9	40,1	44,9	46,6	46,8	50,1	52,5	49,8	50,1	55,1	52,9
Net weight Over	kg	150	196	230	290	312	332	410	465	515	578	656
Net weight Under	kg	150	209	248	313	320	366	452	513	569	640	730
<b>Connections</b>												
Chilled water inlet/outlet	M Ø	3/4"	1"	1"	1+1/4"	1+1/4"	1+1/2"	2"	2"	2+1/2"	2+1/2"	3"

TECHNICAL DATA - NEXT EVO CW - 6R VERSION

MODEL		015	023	033	050	060	082	098	116	128	148	
SIZE		E1	E2	E3	E3P	E4	E5	E6	E7	E8	E9	
VERSION		6R										
<b>COOLING CAPACITY (1)</b>												
Total	kW	15,2	23,3	34,1	50,0	60,9	82,8	98,9	110,0	130,0	151,0	
Sensible	kW	12,4	19,7	28,8	41,1	52,2	69,2	81,7	92,8	109,0	127,0	
SHR	kW/kW	0,82	0,85	0,84	0,82	0,86	0,84	0,83	0,84	0,84	0,84	
Power input Over	kW	0,35	0,86	1,23	1,61	2,25	2,94	3,25	3,53	4,70	5,37	
Power input Under	kW	0,34	0,80	1,15	1,52	2,11	2,78	3,06	3,29	4,44	5,07	
Supply fans	n.	1	1	1	1	1	2	2	2	3	3	
Air flow	m³/h	2700	4475	6600	9000	12200	15500	18000	21100	24200	28680	
Nominal external static pressure Over	Pa	30	50	50	50	50	50	50	50	50	50	
Nominal external static pressure Under	Pa	20	20	20	20	20	20	20	20	20	20	
Max external static pressure	Pa	32	104	554	440	140	447	439	250	403	386	
<b>Cooling coil</b>												
Water flow rate	m³/h	2,6	4,0	5,8	8,6	10,4	14,2	17,0	18,9	22,4	25,9	
Pressure drop - coil + valve	kPa	35	65	56	68	58	65	70	45	66	66	
Air filters	n.											
Efficiency		G4										
Power supply		400/3/50+N										
Max operating current (FLA)	A	2,20	1,70	4,18	4,80	4,30	8,36	8,86	8,60	12,54	13,29	
<b>Sound level - ISO 3744 (2)</b>												
On air delivery Over	dB(A)	59,2	64,2	65,4	64,9	68,4	71,0	67,9	68,8	73,5	70,9	
On air delivery Under	dB(A)	59,0	63,8	65,2	64,8	68,3	70,8	67,9	68,6	73,4	70,9	
On air intake Over	dB(A)	45,7	50,7	51,9	51,4	54,9	57,5	54,4	55,3	60	57,4	
Irradiated Over	dB(A)	41,1	46,1	47,3	46,8	50,3	52,9	49,8	50,7	55,4	52,8	
On air intake Under	dB(A)	50,3	55,2	56,5	56,2	59,7	62,2	59,2	59,9	64,7	62,3	
On front side Under	dB(A)	40,9	45,7	47,1	46,8	50,2	52,7	49,8	50,5	55,3	52,8	
Net weight Over	kg	196	230	290	332	332	410	465	515	578	656	
Net weight Under	kg	209	248	313	340	366	452	513	569	640	730	
<b>Connections</b>												
Chilled water inlet/outlet	M Ø	1"	1+1/4"	1+1/2"	1+1/4"	2"	2"	2+1/2"	2+1/2"	3"	3"	

THE COOLING CAPACITY DOES NOT CONSIDER THE SUPPLY FAN MOTOR THERMAL LOAD  
 1. Characteristics referred to entering air at 24°C-50%RH with chilled water temperature 7-12°C - 0% glycol.  
 2. Noise level at 1 meter in free field.

## TECHNICAL DATA - NEXT EVO CW - 8R VERSION

MODEL		015	023	033	050	060	082	098	116	128	148
SIZE		E1	E2	E3	E3P	E4	E5	E6	E7	E8	E9
VERSION		8R									
<b>COOLING CAPACITY (1)</b>											
Total	kW	10,5	16,8	25,2	35,9	44,2	60,7	71,6	81,4	95,1	108,0
Sensible	kW	9,7	16,1	23,9	33,2	42,3	56,8	66,3	76,8	88,8	103,0
SHR	kW/kW	0,92	0,96	0,95	0,92	0,96	0,94	0,93	0,94	0,93	0,95
Power input Over	kW	0,35	0,97	1,41	1,81	2,27	3,35	3,71	4,16	5,32	6,09
Power input Under	kW	0,34	0,94	1,33	1,71	2,13	3,18	3,51	3,90	5,05	5,78
Supply fans	n.	1	1	1	1	1	2	2	2	3	3
Air flow	m <sup>3</sup> /h	2575	4450	6600	9000	11700	15500	18000	21100	24200	28680
Nominal external static pressure Over	Pa	30	50	50	50	50	50	50	50	50	50
Nominal external static pressure Under	Pa	20	20	20	20	20	20	20	20	20	20
Max external static pressure	Pa	30	50	485	380	135	375	368	175	330	315
<b>Cooling coil</b>											
Water flow rate	m <sup>3</sup> /h	1,8	2,9	4,3	6,2	7,6	10,4	12,3	14,0	16,3	18,5
Pressure drop - coil + valve	kPa	18	27	26	28	28	29	27	20	29	28
<b>Air filters</b>											
Efficiency	n.	G4									
Power supply		400/3/50+N									
Max operating current (FLA)	A	2,20	1,70	4,18	4,80	4,30	8,36	8,86	8,60	12,54	13,29
<b>Sound level - ISO 3744 (2)</b>											
On air delivery Over	dB(A)	59,1	64,9	66,0	65,1	67,8	71,3	68,1	69,4	73,8	71,0
On air delivery Under	dB(A)	58,9	64,8	65,8	61,0	67,7	71,2	68,0	69,1	73,6	71,0
On air intake Over	dB(A)	45,6	51,4	52,5	51,6	54,3	57,8	54,6	55,9	60,3	57,5
Irradiated Over	dB(A)	41,0	46,8	47,9	47,0	49,7	53,2	50,0	51,3	55,7	52,9
On air intake Under	dB(A)	50,2	56,1	57,1	56,3	59,0	62,5	59,4	60,5	65,0	62,3
On front side Under	dB(A)	40,8	46,7	47,7	46,9	49,6	53,1	49,9	51,0	55,5	52,9
Net weight Over	kg	214	252	321	352	385	475	542	602	680	780
Net weight Under	kg	218	258	330	360	393	485	552	612	692	794
<b>Connections</b>											
Chilled water inlet/outlet	M Ø	1"	1+1/4"	1+1/2"	1+1/2"	2"	2"	2+1/2"	2+1/2"	3"	3"

## TECHNICAL DATA - NEXT EVO CW PLUS

MODEL		140	160	190	240	140	160	190	240	140	160	190	240
SIZE		E7	E8	E9	E10	E7	E8	E9	E10	E7	E8	E9	E10
VERSION		PLUS											
		4R	4R	4R	4R	6R	6R	6R	6R	8R	8R	8R	8R
<b>COOLING CAPACITY (1)</b>													
Total	kW	114,0	136,0	157,0	202,0	141,0	167,0	193,0	248,0	104,0	122,0	139,0	180,0
Sensible	kW	104,0	122,0	143,0	181,0	119,0	139,0	162,0	206,0	98,3	114,0	130,0	167,0
SHR	kW/kW	0,91	0,90	0,91	0,90	0,84	0,83	0,84	0,83	0,95	0,93	0,94	0,93
Power input Under	kW	4,68	4,96	5,08	6,01	5,43	5,78	6,00	7,28	6,21	6,54	6,37	8,55
Supply fans	n.	3	3	3	4	3	3	3	4	3	3	3	4
Air flow	m <sup>3</sup> /h	27000	30950	36700	45500	27000	30950	36700	45500	27000	30950	35600	45500
Nominal external static pressure Under	Pa	20	20	20	20	20	20	20	20	20	20	20	20
Max external static pressure	Pa	330	382	237	285	248	303	165	208	164	232	135	135
<b>Cooling coil</b>													
Water flow rate	m <sup>3</sup> /h	19,6	23,3	27,0	34,6	24,2	28,6	33,1	42,5	17,9	20,9	23,8	30,9
Pressure drop - coil + valve	kPa	56	84	80	83	59	86	41	73	28	39	17	30
<b>Air filters</b>													
Efficiency	n.	8	10	12	12	8	10	12	12	8	10	12	12
Power supply		400/3/50+N											
Max operating current (FLA)	A	12,54	13,29	12,90	17,20	12,54	13,29	12,90	17,20	12,54	13,29	12,90	17,20
<b>Sound level - ISO 3744 (2)</b>													
On air delivery Under	dB(A)	75,5	72,8	73,0	72,7	75,6	72,6	73,1	72,9	75,8	72,6	72,7	73,3
On air intake Under	dB(A)	66,8	64,1	64,4	64,1	66,9	63,9	64,4	64,3	67,1	63,9	64,0	64,7
On front side Under	dB(A)	57,4	54,7	54,9	54,6	57,5	54,5	55,0	54,8	57,7	54,5	54,6	55,2
Net weight Under	kg	495	555	635	755	495	555	635	755	550	620	710	850
Net weight - Separate fan section	kg	200	240	275	348	200	240	275	348	200	240	275	348
<b>Connections</b>													
Chilled water inlet/outlet	M Ø	2+1/2"	3"	3"	3"	2+1/2"	3"	3"	3"	2+1/2"	3"	3"	3"

THE COOLING CAPACITY DOES NOT CONSIDER THE SUPPLY FAN MOTOR THERMAL LOAD

1. Characteristics referred to entering air at 24°C-50%RH with chilled water temperature 10-15°C - 0% glycol.

(\*) Characteristics referred to entering air at 24°C-50%RH with chilled water temperature 7-12°C - 0% glycol.

2. Noise level at 1 meter in free field.

TECHNICAL DATA - OPTIONAL ACCESSORIES

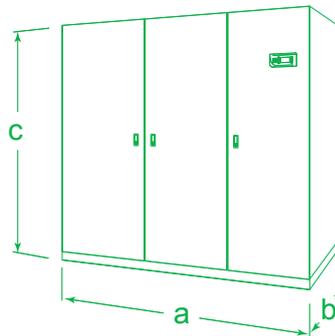
NEXT EVO CW		006	015	023	033	050	060	082	098	116	128	148	140	160	190	240
SIZE		E0	E1	E2	E3	E3P	E4	E5	E6	E7	E8	E9	E7 PLUS	E8 PLUS	E9 PLUS	E10 PLUS
Electric heater		-	-	-	-	-	-	-	-	-	-	-	PLUS	PLUS	PLUS	PLUS
Capacity	kW	2,6	5,1	5,1	6,0	6,0	9,0	13,5	13,5	13,5	18,0	18,0	18,0	18,0	27,0	27,0
Capacity steps	n.	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3
Humidifier																
Steam capacity	kg/h	2	3	3	3	3	8	8	8	15	15	15	15	15	15	15
Power input	kW	1,4	2,3	2,3	2,3	2,3	6,0	6,0	6,0	11,3	11,3	11,3	11,3	11,3	11,3	11,3
Extra circuit coil (1)																
Total cooling capacity	kW	-	11,0	18,1	26,4	36,8	46,5	64,2	69,5	84,7	101,0	117,0	109,0	129,0	150,0	193,0
Sensible cooling capacity	kW	-	10,0	16,5	24,0	33,4	42,5	59,0	63,3	76,9	92,6	106,0	98,8	118,0	136,0	176,0
Heating coil (2)																
Heating capacity	kW	12,6	24,1	36,2	53,8	75,3	95,1	126,0	148,0	166,0	193,0	232,0	212,0	247,0	297,0	-

THE COOLING CAPACITY DOES NOT CONSIDER THE SUPPLY FAN MOTOR THERMAL LOAD

1. Characteristics referred to entering air at 24°C 50%RH with chiller water at 7-12,5 °C and 0% glycol
2. Characteristics referred to entering air at 20°C with hot water at 75-60°C

NEXT EVO CW DIMENSIONS (mm)

SIZE	a	b	c
E0	655	445	1680
E1	650	675	1925
E2	785	675	1925
E3	1085	775	1925
E4	1305	930	1980
E5	1630	930	1980
E6	1875	930	1980
E7	2175	930	1980
E8	2499	930	1980
E9	2899	930	1980



NEXT EVO CW PLUS DIMENSIONS (mm)

SIZE	a	b	c1	c2
E7 PLUS	2175	930	1980	600
E8 PLUS	2499	930	1980	600
E9 PLUS	2899	930	1980	600
E10 PLUS	3510	930	1980	600

