

2024 HISPANIA CATALOGUE^{50Hz}

CO2 EVAPORATORS

CERTIFICATE CERTIFICADO



**MACHINERY DIRECTIVE,
ELECTROMAGNETIC COMPATIBILITY DIRECTIVE
ATTESTATION OF CONFORMITY**

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2006/42/EC Machinery Directive has been and 2014/30/EU Electromagnetic Compatibility has been taken as references for these processes.

Company Name : **TAIZHOU HISPANIA REFRIGERATION EQUIPMENT CO., LTD**

Company Address : **B-10 Taizhou Economic Zone, Jiangsu, China**

Related Directives and Annex : **2006/42/EC Machinery Directive / Annex VIII
2014/30/EU Electromagnetic Compatibility Directive / Annex II**

Related Standards : **EN ISO 12100:2010; EN IEC 61000-6-2:2019
EN 61000-6-3:2021; EN 60204-1:2018**

Product Name : **UNIT AIR COOLER**

Report No and Date : **ZNCT231219001; ZNCT231219004**

Product Brand/Model/Type : **HEA, HEB, HEC, HEF, HEJ, HER, HEV, HEW, HEP, NEA, NEB,
NEC, NED, NEF, NEJ, NER, NEV, NEW, NEP, AEA, AEB, AEC, AED,
AEF, AEJ, AER, AEV, AEW, AEP, AEA, AEB, AEC, AED, CEF, CEJ,
CER, CEV, CEW, CEF, GEA, GEB, GEC, GED, GEF, GEJ, GER,
GEV, GEW, GEP**

Certificate Number : **M.2024.206.C95839**

Initial Assessment Date : **17.01.2024**

Registration Date : **18.01.2024**

Release Date/No : **-**

Expiry Date : **17.01.2029**

The validity of the certificate can be checked through www.udm.com.tr. Upon completion of EC declaration of conformity, it is used solely at the manufacturer's responsibility. The certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. Its return must be requested upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. The certificate only covers the product(s) stated above and UDEM must be notified in case of any change on the product(s).

Address: Mülkiyent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya Ankara - TÜRKİYE

Phone: +90 0312 443 03 90 Fax: +90 0312 443 03 76

E-mail: info@udem.com.tr www.udm.com.tr

UDM
UDM International Certification
Auditing Training Centre Industry
and Trade Inc. Co.
Muratlı MEMİH OĞLU
General Manager

UDM

UDPM183-AAA-3000-0203.01.2024



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EN 61000-6-3:2021; EN 60204-1:2018**

Product Name : **CONDENSER**

Report No and Date : **ZNCT231219003; ZNCT231219006**

Product Brand/Model/Type : **HCA, HCA5, HCB, HCB5, HCV, HCVD, HCH ACA, ACAS, ACB,
ACBS, ACV, ACVD, ACH CCV, CCVD, GCH GCA, GCB, GCY,
GCDV, GCH**

Certificate Number : **M.2024.206.C95837**

Initial Assessment Date : **17.01.2024**

Registration Date : **18.01.2024**

Release Date/No : **-**

Expiry Date : **17.01.2029**

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Related Standards : **EN ISO 12100:2010; EN IEC 61000-6-2:2019
EN 61000-6-3:2021; EN 60204-1:2018**

Product Name : **CONDENSER UNIT**

Report No and Date : **ZNCT231219002; ZNCT231219005**

Product Brand/Model/Type : **HUA, HUB, HUC, HUC PLUS, HUC PLUS T, HUA, HUB, HUC-O, HUA-O,
HUB, HUB-O, HUB, HUB, HUB, HUB, HUB, HUB, HUB, HUB, HUB, HUB,
HUB PLUS T, CUA, CUA, CUA, CUA, CUA, CUA, CUA, CUA, CUA,
CUW, CUW, CUW, CUW, CUW, CUW, CUW, CUW, CUW, CUW, CUW,
AUC-O, AUA-O, AUR, AUP, AUP-O, AUD, AUW, AUG, AUS**

Certificate Number : **M.2024.206.C95838**

Initial Assessment Date : **17.01.2024**

Registration Date : **18.01.2024**

Release Date/No : **-**

Expiry Date : **17.01.2029**

The validity of the certificate can be checked through www.udm.com.tr. Upon completion of EC declaration of conformity, it is used solely at the manufacturer's responsibility. The certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. Its return must be requested upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. The certificate only covers the product(s) stated above and UDEM must be notified in case of any change on the product(s).

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Muratlı MEMİH OĞLU
General Manager

UDM

UDPM183-AAA-3000-0203.01.2024



CERTIFICATE
of conformity of the factory production control
No. 2435-PED-8603850

of conformity based on full quality assurance, issued according to point 11 of Annex III of the Directive 2014/53/EU and implemented by Government Decision No. 219/2019 Coll., as amended

Condenser, Condensing unit refer to annex

Technical description:
Technical file:
Approved Declaration:
Assessment performed:
Notified reference:
produced by or for:

Taizhou Hispania Refrigeration Equipment Co., Ltd
B-10 Taizhou Economic Zone, Jiangsu Province, P.R. China

and produced in the manufacturing plant(s):
B-10 Taizhou Economic Zone, Jiangsu Province, P.R. China
The Annex is an integral part of this certificate.

This certificate attests that all processes described in relevant parts of the module

Module H - Conformity based on full quality assurance

according module H for the performances set out in the certificate are applied and that

We hereby certify that the aforementioned manufacturer has a quality assurance system in accordance with of the Directive 2014/53/EU

The certificate has been issued on 05 March 2024 and is valid until 04 March 2027 and is based on the evaluation of the report from assessment and technical file of the equipment, where any reported all required data and document of conformity. Report to this certificate is integral part of certificate. The initial certification date of issue is 05 March 2024.

Prague, 05 March 2024


Ing. Lukáš Turek
Prague, 05 March 2024


V 3190





validity code: 544CA376-3E3
Check the validity of this certificate using this code at www.ll-c.info

LL-C (Certification) Czech Republic a.s., Poboční 620/3, 186 00 Praha 8

EVAPORATORS FOR CO2

- COMMERCIAL CUBIC EVAPORATORS: CEA

- DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS:
CED

EVAPORADORES PARA CO2

4 - EVAPORADORES CUBICOS COMERCIALES: CEA

26 - EVAPORADORES DE TIPO AIRE DE TECHO DE DOBLE
DESCARGA: CED

4

26



COMMERCIAL CUBIC EVAPORATORS EVAPORADORES CÚBICOS COMERCIALES

The CEA range of commercial cubic evaporators has been designed for use in cold rooms for the preservation of fresh and frozen products.

The exchange coils used in the CEA range are highly efficient with special profile aluminum fins and $\varnothing 9.52$ mm internally grooved copper tubes. They are supplied clean and tested under a pressure of 30 bar.

The CEA range has models with 3 different fin pitch depending on the temperature of the cold room:

- CEA XXXX XX 4X: with 4 mm pitch, suitable for high temperatures in the cold room ($R_t \geq 0^\circ\text{C}$)
- CEA XXXX XX 6X: with 6 mm pitch, suitable for medium temperatures in the cold room ($R_t \geq -18^\circ\text{C}$)
- CEA XXXX XX 9X: with 9 mm pitch, suitable for low temperatures in the cold room ($R_t \geq -35^\circ\text{C}$)

The standard electric fans used in this range have the following characteristics:

- $\varnothing 250, 300, 350, 400$ mm: single-phase 230V/1/50 Hz with external rotor, with type K grid and nozzle (short mouth). Operating temperature -40°C to $+40^\circ\text{C}$.

CEA SERIES EVAPORATOR EVAPORADORES SERIE CEA

La gama de evaporadores cúbicos comerciales CEA ha sido diseñada para su uso en cámaras frigoríficas de conservación de productos frescos y congelados.

Los serpentines de intercambio utilizados en la gama CEA son de alta eficiencia con aletas de aluminio de perfil especial y tubos ranurados interiormente $\varnothing 9.52$ mm. Se suministran limpias y probadas a una presión de 30 bar.

La gama CEA dispone de modelos con 3 diferentes separaciones de aleta según la temperatura de la cámara:

- CEA XXXX XX 4X: con separación de 4 mm, aptos para altas temperaturas de cámara ($R_t \geq 0^\circ\text{C}$)
- CEA XXXX XX 6X: con separación de 6 mm, aptos para medias temperaturas de cámara ($R_t \geq -18^\circ\text{C}$)
- CEA XXXX XX 9X: con separación de 9 mm, aptos para bajas temperaturas de cámara ($R_t \geq -35^\circ\text{C}$)

Los motoventiladores eléctricos estándar utilizados en esta gama tienen las siguientes características:

- $\varnothing 250, 300, 350, 400$ mm: monofásicos 230V/1/50 Hz de rotor externo, con rejilla y grilla tipo K (embocadura corta). Temperatura de funcionamiento -40°C a $+40^\circ\text{C}$.

CEA SERIES EVAPORATOR

EVAPORADORES SERIE CEA

-ø450 mm: three-phase 400V/3/50 Hz with external rotor, with type K grid and nozzle (short mouth). Operating temperature -40°C to +40°C.

-ø500, 550, 630 mm: three-phase 400V/3/50 Hz with external rotor, with L-type grille and nozzle (long mouth). Operating temperature -40°C to +40°C.

-ø630, 800 mm: three-phase 400V/3/50 Hz with external rotor, with ZN-type grille and nozzle (long mouth). Operating temperature -40°C to +40°C.

White powder-coated aluminium casing with high resistance to corrosion and impacts.

In models with electric defrost, stainless steel electric heaters covered by aluminum tubes are used, located in the finned package and in the drip tray to avoid steam problems and make easy replacement.

The electrical parts are connected to an earth terminal, inside a connection box with access holes equipped with cable glands with IP 65 protection.

For performance at work points other than those in this catalog, use the "Unit Selector Hybrid HISPANIA" software.

For special applications and additional information consult our Technical Department.

-ø450 mm: trifásicos 400V/3/50 Hz de rotor externo, con rejilla y grilla tipo K (embocadura corta). Temperatura de funcionamiento -40°C a +40°C.

-ø500, 550 y 630 mm: trifásicos 400V/3/50 Hz de rotor externo, con bafle y rejilla tipo L (embocadura larga). Temperatura de funcionamiento -40°C a +40°C.

-ø630 y 800 mm: trifásicos 400V/3/50 Hz de rotor externo, con bafle y rejilla tipo ZN (embocadura larga). Temperatura de funcionamiento -40°C a +40°C.

La carcasa de aluminio pintado en blanco con polvo electrostático de alta resistencia a la corrosión y a los impactos.

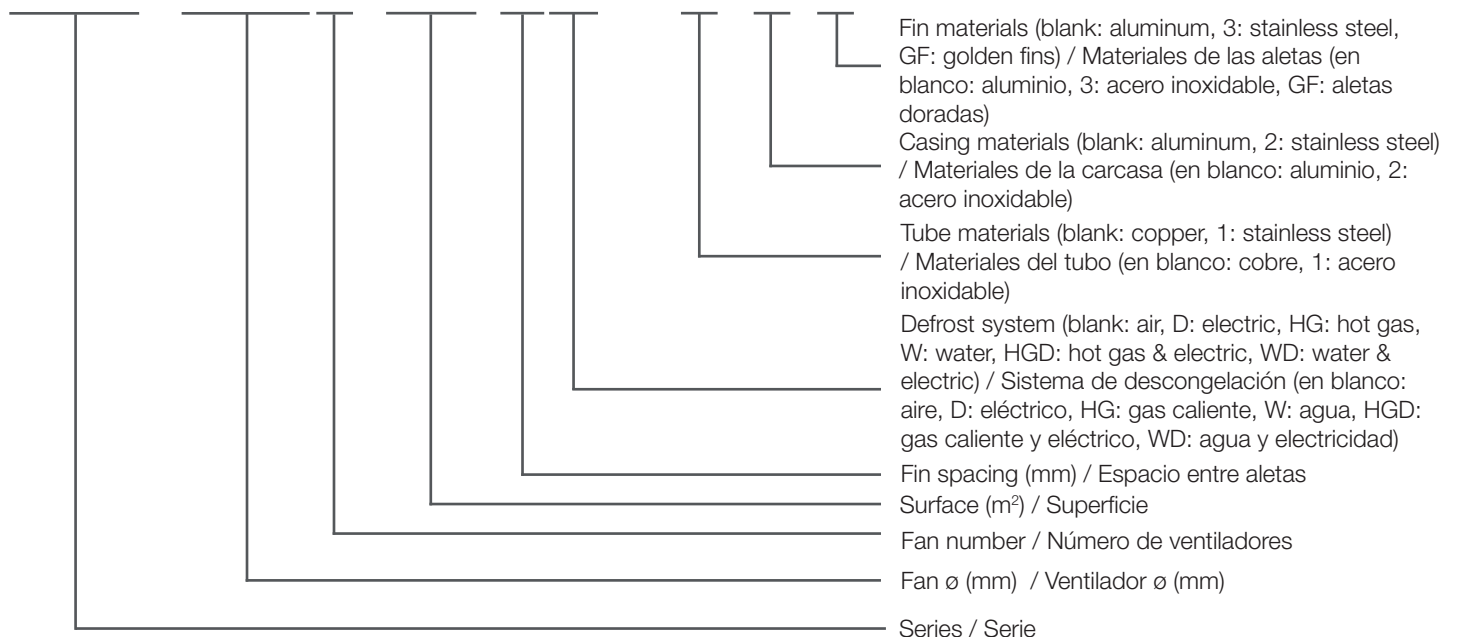
En los modelos con desescarche eléctrico se usan resistencias en acero inoxidable cubiertas por tubos de aluminio, situados en el paquete de aletas y en la bandeja de drenaje para evitar problemas de vapor y facilitar la sustitución.

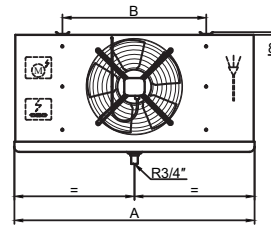
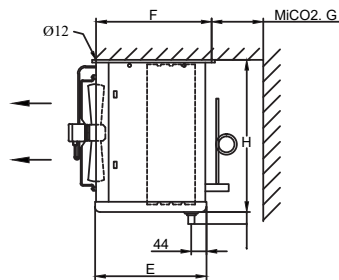
Las partes eléctricas están conectadas a un terminal de tierra, dentro de una caja de conexiones con orificios de acceso equipados con recubrimiento de cables con grado de protección IP 65.

Para trabajos con distintos rendimientos a los de este catálogo utilice el software "Unit Selector Hybrid HISPANIA".

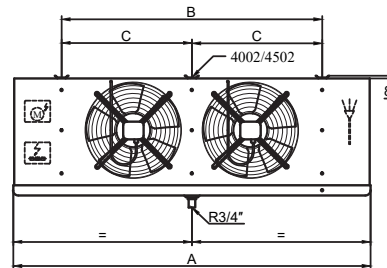
Para aplicaciones especiales e informaciones adicionales consultar a nuestro Departamento Técnico.

CEA 2503 26 4D S1 2 3

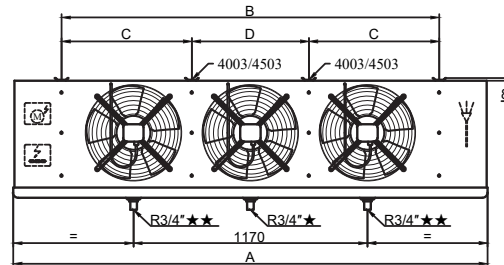




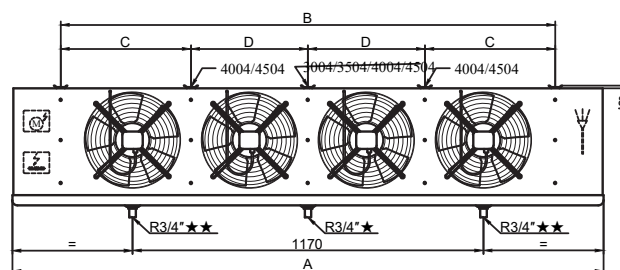
CEA
2501/3001/3501/4001/4501



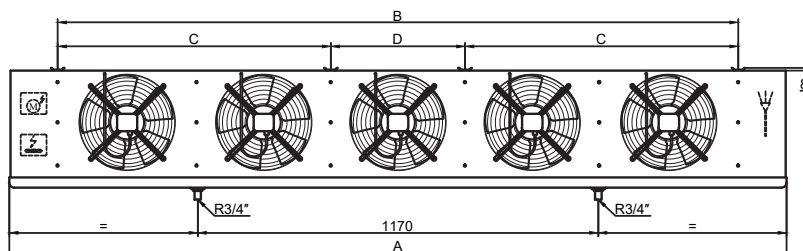
CEA
2502/3002/3502/4002/4502



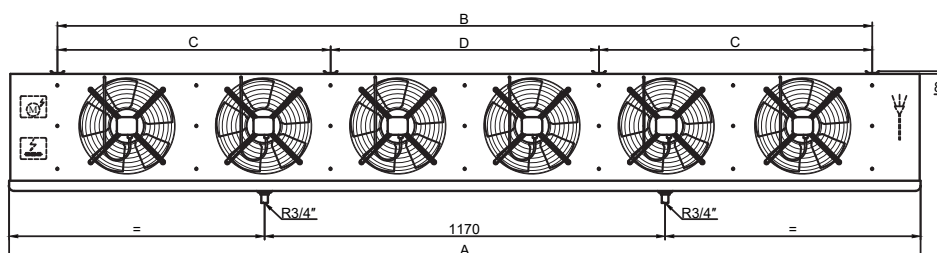
CEA
★2503/3003/3503/4003
★★4503



CEA
★2504/3004/3504
★★4004/4504



CEA
2505/3005/3505



CEA
2506/3006/3506

CEA SERIES EVAPORATOR

EVAPORADORES SERIE CEA

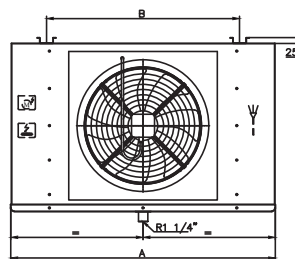
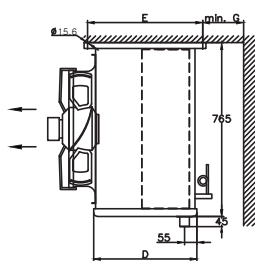
Model / Model	Dimensions / Dimensiones (mm)							
	A	B	C	D	E	F	G	H
CEA 2501...	702	420			325	375	200	350
CEA 2502...	1094	812			325	375	200	350
CEA 2503...	1486	1204			325	375	200	350
CEA 2504...	1878	1596	798		325	375	200	350
CEA 2505...	2270	1988	798	392	325	375	200	360
CEA 2506...	2662	2380	798	784	325	375	250	360
CEA 3001...	702	420			325	375	200	460
CEA 3002...	1094	812			325	375	200	460
CEA 3003...	1486	1204			325	375	250	460
CEA 3004...	1878	1596	798		325	375	250	460
CEA 3005...	2270	1988	798	392	325	375	300	470
CEA 3006...	2662	2380	798	784	325	375	300	470
CEA 3501...	702	420			455	507	200	460
CEA 3502...	1094	812			455	507	200	460
CEA 3503...	1486	1204			455	507	250	460
CEA 3504...	1878	1596	798		455	507	250	460
CEA 3505...	2270	1988	798	392	455	507	300	470
CEA 3506...	2662	2380	798	784	455	507	300	470
CEA 4001...	912	630			325	375	250	530
CEA 4002...	1486	1204	602		325	375	300	530
CEA 4003...	1878	1596	546	504	325	375	300	530
CEA 4004...	2662	2380	595	595	325	375	350	540
CEA 4501...	1094	812			325	375	300	600
CEA 4502...	1878	1596	798		325	375	300	600
CEA 4503...	2662	2380	798	784	325	375	350	610
CEA 4504...	3446	3164	798	784	325	375	350	610

EVAPORATORS / EVAPORADORES CO2

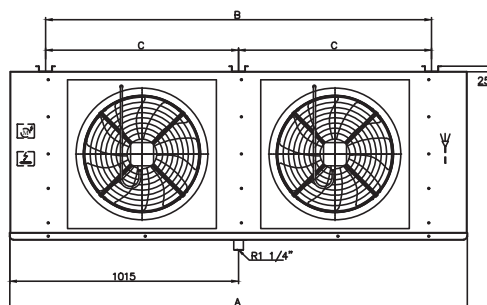
COMMERCIAL CUBIC EVAPORATORS

EVAPORADORES CÚBICOS COMERCIALES

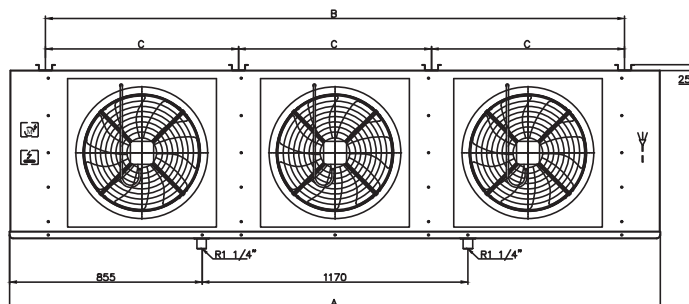
CO2



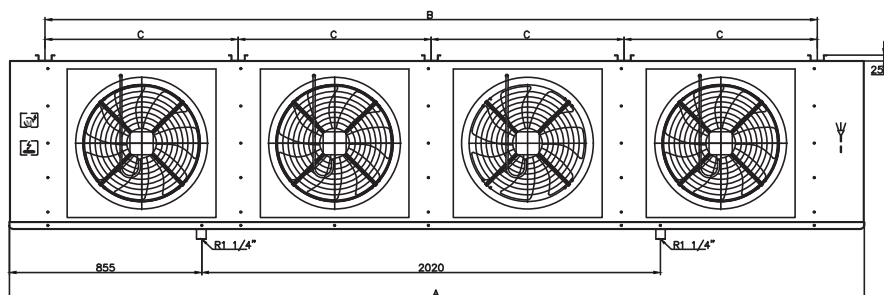
CEA/D 5001



CEA/D 5002



CEA/D 5003



CEA/D 5004

CEA SERIES EVAPORATOR

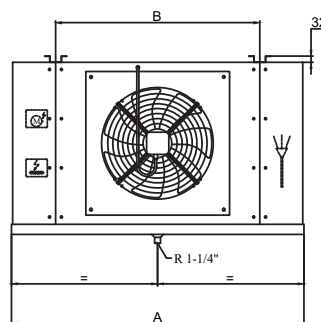
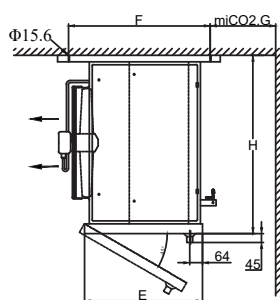
EVAPORADORES SERIE CEA

Model / Model	DimeCO2sioCO2s / DimeCO2sioCO2es (mm)					
	A	B	C	D	E	G
CEA 5001...(4 rows)	1185	850		455	507	400
CEA 5001...(6 rows)	1185	850		455	507	400
CEA 5001...(8 rows)	1185	850		560	610	400
CEA 5002...(4 rows)	2035	1700	850	455	507	400
CEA 5002...(6 rows)	2035	1700	850	455	507	400
CEA 5002...(8 rows)	2085	1700	850	560	610	400
CEA 5003...(4 rows)	2885	2550	850	455	507	450
CEA 5003...(6 rows)	2885	2550	850	455	507	450
CEA 5003...(8 rows)	2935	2550	850	560	610	450
CEA 5004...(4 rows)	3785	3400	850	455	507	450
CEA 5004...(6 rows)	3785	3400	850	489	541	450
CEA 5004...(8 rows)	3785	3400	850	560	610	450

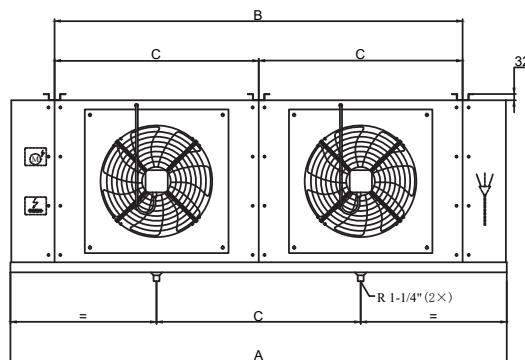
COMMERCIAL CUBIC EVAPORATORS

EVAPORADORES CUBICOS COMERCIALES

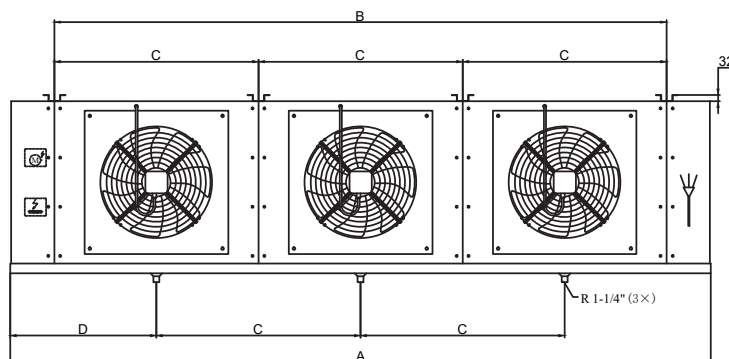
CO2



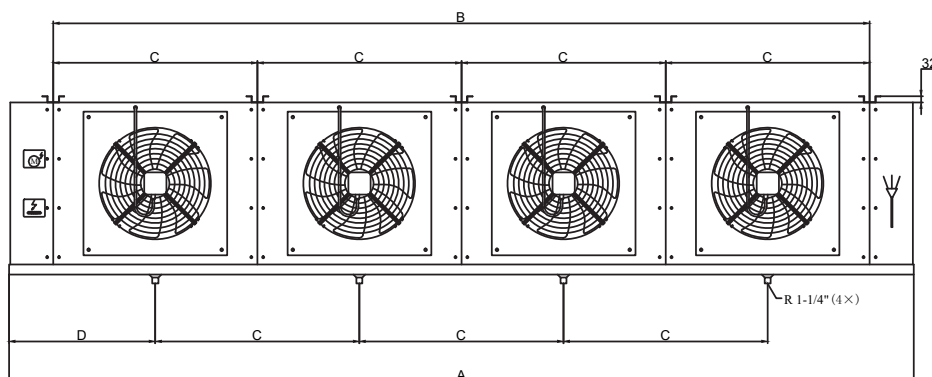
CEA
5501/6301/8001



CEA
5502/6302/8002



CEA
5503/6303/8003



CEA
5504/6304

CEA SERIES EVAPORATOR

EVAPORADORES SERIE CEA

Model / Model	Dimensions / Dimensiones (mm)							
	A	B	C	D	E	F	G	H
CEA 5501...(4 rows)	1500	1030			525	635	260	870
CEA 5501...(6 rows)	1500	1030			525	635	260	870
CEA 5501...(8 rows)	1500	1030			595	705	260	870
CEA 5502...(4 rows)	2530	2060	1030		525	635	380	870
CEA 5502...(6 rows)	2530	2060	1030		525	635	380	870
CEA 5502...(8 rows)	2530	2060	1030		595	705	380	870
CEA 5503...(4 rows)	3560	3090	1030	750	525	635	460	870
CEA 5503...(6 rows)	3560	3090	1030	750	525	635	460	870
CEA 5503...(8 rows)	3560	3090	1030	750	595	705	460	870
CEA 5504...(4 rows)	4590	4120	1030	750	525	635	500	870
CEA 5504...(6 rows)	4590	4120	1030	750	525	635	500	870
CEA 5504...(8 rows)	4590	4120	1030	750	595	705	500	870
CEA 6301...(4 rows)	1700	1230			555	665	310	1010
CEA 6301...(6 rows)	1700	1230			555	665	310	1010
CEA 6301...(8 rows)	1700	1230			625	735	310	1010
CEA 6301...(10 rows)	1700	1230			695	805	310	1010
CEA 6302...(4 rows)	2930	2460	1230		555	665	440	1010
CEA 6302...(6 rows)	2930	2460	1230		555	665	440	1010
CEA 6302...(8 rows)	2930	2460	1230		625	735	440	1010
CEA 6302...(10 rows)	2930	2460	1230		695	805	440	1010
CEA 6303...(4 rows)	4160	3690	1230	850	555	665	530	1010
CEA 6303...(6 rows)	4160	3690	1230	850	555	665	530	1010
CEA 6303...(8 rows)	4160	3690	1230	850	625	735	530	1010
CEA 6303...(10 rows)	4160	3690	1230	850	695	805	530	1010
CEA 6304...(4 rows)	5390	4920	1230	850	555	665	580	1010
CEA 6304...(6 rows)	5390	4920	1230	850	555	665	580	1010
CEA 6304...(8 rows)	5390	4920	1230	850	625	735	580	1010
CEA 6304...(10 rows)	5390	4920	1230	850	695	805	580	1010
CEA 8001...(4 rows)	1900	1430			620	730	390	1360
CEA 8001...(6 rows)	1900	1430			620	730	390	1360
CEA 8001...(8 rows)	1900	1430			690	800	390	1360
CEA 8001...(10 rows)	1900	1430			760	870	390	1360
CEA 8002...(4 rows)	3330	2860	1430		620	730	580	1360
CEA 8002...(6 rows)	3330	2860	1430		620	730	580	1360
CEA 8002...(8 rows)	3330	2860	1430		690	800	580	1360
CEA 8002...(10 rows)	3330	2860	1430		760	870	580	1360
CEA 8003...(4 rows)	4760	4290	1430	950	620	730	700	1360
CEA 8003...(6 rows)	4760	4290	1430	950	620	730	700	1360
CEA 8003...(8 rows)	4760	4290	1430	950	690	800	700	1360
CEA 8003...(10 rows)	4760	4290	1430	950	760	870	700	1360

The number of rows refers to the number of tube rows in width in the heat exchanger. The number of rows can be found in the characteristics of each evaporator on the following pages.

El número de filas se refiere al número de filas de tubos en anchura en el intercambiador de calor. Se puede ver el número de filas en las características de cada evaporador en las páginas siguientes.

COMMERCIAL CUBIC EVAPORATORS

EVAPORADORES CÚBICOS COMERCIALES

CO2

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt>=0°C

Model / Modelo	Capacity / Capacidad CO2 (kW)		Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Bobina Filas Coil Rows	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K						
CEA 2501 09 4D	1.68	1.26	8.5	0.8		12.0	10	10
CEA 2502 17 4D	3.08	2.25	17.1	1.5		21.0	10	10
CEA 2503 26 4D	4.99	3.72	25.6	2.3		30.0	10	15
CEA 2504 35 4D	6.29	4.61	34.2	3.0		38.0	10	15
CEA 2505 41 4D	7.25	5.21	42.8	3.8		47.0	10	15
CEA 2506 52 4D	9.51	6.97	51.3	4.6		56.0	12	15
CEA 3001 12 4D	2.55	1.87	11.4	1.0		15.0	10	10
CEA 3002 23 4D	5.21	3.83	22.8	2.0		25.0	10	15
CEA 3003 35 4D	7.14	5.12	34.2	3.0		36.0	10	15
CEA 3004 46 4D	9.98	7.24	45.6	4.0		47.0	12	15
CEA 3005 56 4D	12.74	9.28	57.0	5.1		58.0	12	19
CEA 3006 69 4D	14.52	10.45	68.4	6.1		68.0	12	19
CEA 3501 14 4D	3.26	2.37	14.2	1.3		18.0	10	10
CEA 3502 27 4D	6.78	4.96	28.5	2.5		33.0	10	15
CEA 3503 41 4D	10.31	7.57	42.7	3.8		47.0	12	15
CEA 3504 55 4D	14.49	10.81	57.0	5.1		62.0	12	22
CEA 3505 70 4D	17.37	12.78	71.3	6.3		76.0	12	22
CEA 3506 83 4D	20.90	15.39	85.6	7.6		91.0	12	22
CEA 4001 20 4D	5.53	4.07	20.4	1.8		24.0	10	15
CEA 4002 40 4D	11.04	8.16	39.9	3.5		42.0	12	19
CEA 4003 54 4D	14.49	10.57	53.2	4.7		57.0	12	19
CEA 4004 81 4D	21.92	16.15	79.9	7.1		80.0	12	22
CEA 4501 31 4D	9.11	6.75	30.4	2.7		31.0	12	19
CEA 4502 61 4D	18.34	13.60	60.8	5.4		57.0	12	22
CEA 4503 92 4D	26.86	19.70	91.3	8.1		82.0	12	22
CEA 4504 119 4D	36.80	27.31	121.7	10.8		107.0	12	22
CEA 5001 39 4D	11.85	8.73	38.6	3.4	4	52.0	12	19
CEA 5001 58 4D	13.71	9.97	57.9	5.1	6	61.0	12	19
CEA 5001 76 4D	16.55	12.43	77.2	6.8	8	62	12	22
CEA 5002 81 4D	24.45	18.04	79.9	7.1	4	95.0	12	22
CEA 5002 121 4D	29.98	22.15	119.8	10.6	6	115.0	12	22
CEA 5002 156 4D	31.70	23.28	159.7	14.2	8	125	12	22
CEA 5003 122 4D	36.18	26.44	122.3	10.9	4	140.0	12	22
CEA 5003 183 4D	46.90	35.00	183.5	16.3	6	169.0	12	22
CEA 5003 237 4D	50.90	38.04	242.2	21.5	8	191	16	35
CEA 5004 159 4D	50.20	37.29	162.4	14.4	4	162	16	35
CEA 5004 238 4D	60.91	45.04	243.6	21.6	6	208	16	35
CEA 5004 318 4D	64.51	47.41	324.8	28.8	8	252	16	35

EVAPORATORS/ EVAPORADORES CO2

CEA SERIES EVAPORATOR

EVAPORADORES SERIE CEA

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt>=0°C

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diámetro Diameter (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensi- dad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Bateria (W)	Drain Pan/ Bandeja (W)	Total (W)
CEA 2501 09 4D	250	1	1 ~ 230	44	0.2	730	4	2 × 440	1 × 440	1320
CEA 2502 17 4D	250	2	1 ~ 230	88	0.4	1461	5	2 × 730	1 × 730	2190
CEA 2503 26 4D	250	3	1 ~ 230	132	0.6	2192	6	2 × 1030	1 × 1030	3090
CEA 2504 35 4D	250	4	1 ~ 230	176	0.8	2923	7	2 × 1310	1 × 1310	3930
CEA 2505 41 4D	250	5	1 ~ 230	220	1.0	3654	8	2 × 1600	1 × 1600	4800
CEA 2506 52 4D	250	6	1 ~ 230	264	1.2	4386	10	2 × 1890	1 × 1890	5670
CEA 3001 12 4D	300	1	1 ~ 230	72	0.3	1277	6	3 × 440	1 × 440	1760
CEA 3002 23 4D	300	2	1 ~ 230	144	0.6	2556	7	3 × 730	1 × 730	2920
CEA 3003 35 4D	300	3	1 ~ 230	216	1.0	3834	9	3 × 1030	1 × 1030	4120
CEA 3004 46 4D	300	4	1 ~ 230	288	1.3	5113	10	3 × 1310	1 × 1310	5240
CEA 3005 56 4D	300	5	1 ~ 230	360	1.6	6392	13	3 × 1600	1 × 1600	6400
CEA 3006 69 4D	300	6	1 ~ 230	432	1.9	7670	15	3 × 1890	1 × 1890	7560
CEA 3501 14 4D	350	1	1 ~ 230	130	0.6	1734	10	4 × 440	2 × 440	2640
CEA 3502 27 4D	350	2	1 ~ 230	260	1.2	3473	13	4 × 730	2 × 730	4380
CEA 3503 41 4D	350	3	1 ~ 230	390	1.7	5212	16	4 × 1030	2 × 1030	6180
CEA 3504 55 4D	350	4	1 ~ 230	520	2.3	6953	19	4 × 1310	2 × 1310	7860
CEA 3505 70 4D	350	5	1 ~ 230	650	2.9	8691	21	4 × 1600	2 × 1600	9600
CEA 3506 83 4D	350	6	1 ~ 230	780	3.5	10430	23	4 × 1890	2 × 1890	11340
CEA 4001 20 4D	400	1	1 ~ 230	160	0.7	3111	11	4 × 550	1 × 550	2750
CEA 4002 40 4D	400	2	1 ~ 230	320	1.5	6161	13	4 × 1030	1 × 1030	5150
CEA 4003 54 4D	400	3	1 ~ 230	480	2.2	8741	16	4 × 1310	1 × 1310	6550
CEA 4004 81 4D	400	4	1 ~ 230	640	2.9	12325	19	4 × 1890	1 × 1890	9450
CEA 4501 31 4D	450	1	3 ~ 400	460	1.0	5422	15	4 × 730	1 × 730	3650
CEA 4502 61 4D	450	2	3 ~ 400	920	1.9	10849	18	4 × 1310	1 × 1310	6550
CEA 4503 92 4D	450	3	3 ~ 400	1380	2.9	16269	21	4 × 1890	1 × 1890	9450
CEA 4504 119 4D	450	4	3 ~ 400	1840	3.8	21703	23	4 × 2470	1 × 2470	12350
CEA 5001 39 4D	500	1	3 ~ 400	820	1.6	7400	20	6 × 730	1 × 730	5110
CEA 5001 58 4D	500	1	3 ~ 400	820	1.6	6610	17	7 × 730	2 × 730	6570
CEA 5001 76 4D	500	1	3 ~ 400	820	1.6	6027	14	8 × 730	2 × 730	7300
CEA 5002 81 4D	500	2	3 ~ 400	1640	3.2	15002	24	6 × 1400	1 × 1400	9800
CEA 5002 121 4D	500	2	3 ~ 400	1640	3.2	13443	20	7 × 1400	2 × 1400	12600
CEA 5002 156 4D	500	2	3 ~ 400	1640	3.2	12284	16	8 × 1400	2 × 1400	14000
CEA 5003 122 4D	500	3	3 ~ 400	2460	4.8	22673	29	6 × 2050	1 × 2050	14350
CEA 5003 183 4D	500	3	3 ~ 400	2460	4.8	20375	24	7 × 2050	2 × 2050	18450
CEA 5003 237 4D	500	3	3 ~ 400	2460	4.8	18543	19	8 × 2050	2 × 2050	20500
CEA 5004 159 4D	500	4	3 ~ 400	3280	6.4	30197	34	6 × 3390	1 × 3390	23730
CEA 5004 238 4D	500	4	3 ~ 400	3280	6.4	27102	29	7 × 3390	2 × 3390	30510
CEA 5004 318 4D	500	4	3 ~ 400	3280	6.4	24797	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ EVAPORADORES CO2

COMMERCIAL CUBIC EVAPORATORS

EVAPORADORES CÚBICOS COMERCIALES

CO2

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt>=0°C

Model / Modelo	Capacity / Capacidad CO2 (kW)		Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Bobina Filas Coil Rows	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K						
CEA 5501 51 4D	13.55	9.80	52.1	4.6	4	67	12	19
CEA 5501 76 4D	17.30	12.65	78.1	6.9	6	83	12	22
CEA 5501 102 4D	19.44	14.40	104.1	9.2	8	134	12	28
CEA 5502 105 4D	29.11	21.38	107.1	9.5	4	162	12	35
CEA 5502 157 4D	34.78	25.30	160.6	14.3	6	201	12	35
CEA 5502 210 4D	40.70	30.46	214.1	19.0	8	244	16	35
CEA 5503 159 4D	41.04	29.57	162.1	14.4	4	265	16	35
CEA 5503 238 4D	54.97	40.53	243.1	21.6	6	323	16	35
CEA 5503 317 4D	59.27	43.79	324.1	28.8	8	97	16	28
CEA 5504 212 4D	58.84	43.24	217.1	19.3	4	117	16	28
CEA 5504 319 4D	70.44	51.26	325.6	28.9	6	189	16	42
CEA 5504 425 4D	73.30	53.11	434.1	38.5	8	231	16	42
CEA 6301 73 4D	20.54	15.27	74.2	6.6	4	144	16	22
CEA 6301 109 4D	26.28	19.47	111.2	9.9	6	168	16	22
CEA 6301 145 4D	29.17	21.64	148.3	13.2	8	195	16	28
CEA 6301 181 4D	27.96	21.07	181.4	27.5	10	226	16	28
CEA 6302 149 4D	41.48	30.27	151.8	13.5	4	262	16	35
CEA 6302 223 4D	53.45	39.61	227.7	20.2	6	312	16	35
CEA 6302 297 4D	59.32	44.05	303.6	26.9	8	365	16	42
CEA 6302 371 4D	55.57	41.08	371.2	56.2	10	422	2 x 16	2 x 28
CEA 6303 224 4D	64.09	47.21	229.4	20.4	4	382	16	42
CEA 6303 337 4D	78.1	57.2	344.1	30.5	6	454	16	42
CEA 6303 449 4D	83.05	60.41	458.8	40.7	8	533	16	42
CEA 6303 561 4D	87.32	65.88	561.1	85	10	617	2 x 16	2 x 35
CEA 6304 300 4D	83.78	61.18	307	27.2	4	498	16	42
CEA 6304 451 4D	96.55	69.36	460.5	40.9	6	595	16	42
CEA 6304 601 4D	119.66	88.87	614.1	54.5	8	701	2 x 16	2 x 35
CEA 6304 751 4D	119.96	89.29	750.9	113.7	10	810	2 x 16	2 x 35
CEA 8001 118 4D	33.5	24.62	120.1	10.7	4	205	16	28
CEA 8001 176 4D	39.54	28.65	180.2	16	6	243	16	28
CEA 8001 235 4D	45.75	33.94	240.3	21.3	8	291	16	35
CEA 8001 294 4D	41.56	31.34	293.9	44.5	10	333	2 x 16	2 x 28
CEA 8002 240 4D	64.94	47.09	245.1	21.7	4	375	16	42
CEA 8002 360 4D	82.85	60.56	367.7	32.6	6	454	16	42
CEA 8002 480 4D	93.07	69.11	490.2	43.5	8	547	16	42
CEA 8002 600 4D	89.04	67.05	599.5	90.8	10	627	2 x 16	2 x 35
CEA 8003 362 4D	102.72	75.56	370.1	32.8	4	548	16	54
CEA 8003 543 4D	121.61	88.24	555.1	49.3	6	664	16	54
CEA 8003 724 4D	143.77	107.77	740.1	65.7	8	799	2 x 16	2 x 42
CEA 8003 905 4D	139.69	105.42	905.1	137.1	10	916	2 x 16	2 x 42

CEA SERIES EVAPORATOR

EVAPORADORES SERIE CEA

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt>=0°C

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diámetro Diameter (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensi- dad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Bateria (W)	Drain Pan/ Bandeja (W)	Total (W)
CEA 5501 51 4D	550	1	3 ~ 400	770	1.7	7834	16	4 × 1280	1 × 1280	6400
CEA 5501 76 4D	550	1	3 ~ 400	770	1.7	7347	15	6 × 1280	2 × 1280	10240
CEA 5501 102 4D	550	1	3 ~ 400	770	1.7	6848	14	8 × 1280	2 × 1280	12800
CEA 5502 105 4D	550	2	3 ~ 400	1540	3.3	15762	19	4 × 2320	1 × 2320	11600
CEA 5502 157 4D	550	2	3 ~ 400	1540	3.3	14844	18	6 × 2320	2 × 2320	18560
CEA 5502 210 4D	550	2	3 ~ 400	1540	3.3	13862	17	8 × 2320	2 × 2320	23200
CEA 5503 159 4D	550	3	3 ~ 400	2310	5.0	23682	22	4 × 3200	1 × 3200	16000
CEA 5503 238 4D	550	3	3 ~ 400	2310	5.0	22336	21	6 × 3200	2 × 3200	25600
CEA 5503 317 4D	550	3	3 ~ 400	2310	5.0	20871	20	8 × 3200	2 × 3200	32000
CEA 5504 212 4D	550	4	3 ~ 400	3080	6.6	31611	28	4 × 4260	1 × 4260	21300
CEA 5504 319 4D	550	4	3 ~ 400	3080	6.6	29823	26	6 × 4260	2 × 4260	34080
CEA 5504 425 4D	550	4	3 ~ 400	3080	6.6	27879	24	8 × 4260	2 × 4260	42600
CEA 6301 73 4D	630	1	3 ~ 400	1100	2.2	11682	19	5 × 1510	1 × 1510	9060
CEA 6301 109 4D	630	1	3 ~ 400	1100	2.2	11098	18	7 × 1510	2 × 1510	13590
CEA 6301 145 4D	630	1	3 ~ 400	1100	2.2	10484	17	9 × 1510	2 × 1510	16610
CEA 6301 181 4D	630	1	3 ~ 400	1100	2.2	9848	16	12 × 1510	2 × 1510	21140
CEA 6302 149 4D	630	2	3 ~ 400	2200	4.4	23475	22	5 × 2740	1 × 2740	16440
CEA 6302 223 4D	630	2	3 ~ 400	2200	4.4	22339	21	7 × 2740	2 × 2740	24660
CEA 6302 297 4D	630	2	3 ~ 400	2200	4.4	21147	20	9 × 2740	2 × 2740	30140
CEA 6302 371 4D	630	2	3 ~ 400	2200	4.4	19873	19	12 × 2740	2 × 2740	38360
CEA 6303 224 4D	630	3	3 ~ 400	3300	6.6	35279	28	5 × 3800	1 × 3800	22800
CEA 6303 337 4D	630	3	3 ~ 400	3300	6.6	33580	26	7 × 3800	2 × 3800	34200
CEA 6303 449 4D	630	3	3 ~ 400	3300	6.6	31793	24	9 × 3800	2 × 3800	41800
CEA 6303 561 4D	630	3	3 ~ 400	3300	6.6	29884	22	12 × 3800	2 × 3800	53200
CEA 6304 300 4D	630	4	3 ~ 400	4400	8.8	47056	33	5 × 5060	1 × 5060	30360
CEA 6304 451 4D	630	4	3 ~ 400	4400	8.8	44773	31	7 × 5060	2 × 5060	45540
CEA 6304 601 4D	630	4	3 ~ 400	4400	8.8	42390	29	9 × 5060	2 × 5060	55660
CEA 6304 751 4D	630	4	3 ~ 400	4400	8.8	39893	27	12 × 5060	2 × 5060	70840
CEA 8001 118 4D	800	1	3 ~ 400	1600	3.5	18865	25	7 × 1700	1 × 1700	13600
CEA 8001 176 4D	800	1	3 ~ 400	1600	3.5	17867	23	10 × 1700	2 × 1700	20400
CEA 8001 235 4D	800	1	3 ~ 400	1600	3.5	16606	21	16 × 1700	2 × 1700	30600
CEA 8001 294 4D	800	1	3 ~ 400	1600	3.5	15353	19	16 × 1700	2 × 1700	30600
CEA 8002 240 4D	800	2	3 ~ 400	3200	7	37904	29	7 × 2810	1 × 2810	22480
CEA 8002 360 4D	800	2	3 ~ 400	3200	7	35940	27	10 × 2810	2 × 2810	33720
CEA 8002 480 4D	800	2	3 ~ 400	3200	7	33541	25	16 × 2810	2 × 2810	50580
CEA 8002 600 4D	800	2	3 ~ 400	3200	7	31007	23	16 × 2810	2 × 2810	50580
CEA 8003 362 4D	800	3	3 ~ 400	4800	10.5	56974	34	7 × 4420	1 × 4420	35360
CEA 8003 543 4D	800	3	3 ~ 400	4800	10.5	53941	32	10 × 4420	2 × 4420	53040
CEA 8003 724 4D	800	3	3 ~ 400	4800	10.5	50373	30	16 × 4420	2 × 4420	79560
CEA 8003 905 4D	800	3	3 ~ 400	4800	10.5	46651	28	16 × 4420	2 × 4420	79560

EVAPORATORS/ EVAPORADORES CO2

COMMERCIAL CUBIC EVAPORATORS

EVAPORADORES CÚBICOS COMERCIALES

CO2

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt>=-18°C

Model / Modelo	Capacity / Capacidad CO2 (kW)		Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Bobina Filas Coil Rows	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K						
CEA 2501 06 6D	1.47	1.08	5.8	0.8		12.0	10	10
CEA 2502 11 6D	2.78	2.01	11.7	1.5		20.0	10	10
CEA 2503 17 6D	4.42	3.25	17.5	2.3		29.0	10	15
CEA 2504 23 6D	5.66	4.11	23.4	3.0		37.0	10	15
CEA 2505 29 6D	6.62	4.74	29.2	3.8		45.0	10	15
CEA 2506 35 6D	8.54	6.21	35.1	4.6		54.0	12	15
CEA 3001 08 6D	2.21	1.61	7.8	1.0		14.0	10	10
CEA 3002 15 6D	4.50	3.29	15.6	2.0		25.0	10	15
CEA 3003 23 6D	6.32	4.55	23.4	3.0		35.0	10	15
CEA 3004 31 6D	8.74	6.35	31.2	4.0		45.0	12	15
CEA 3005 38 6D	11.09	8.08	39.0	5.1		55.0	12	19
CEA 3006 46 6D	12.82	9.25	46.8	6.1		66.0	12	19
CEA 3501 10 6D	2.97	2.16	9.7	1.3		18.0	10	10
CEA 3502 19 6D	6.13	4.49	19.4	2.5		32.0	10	15
CEA 3503 28 6D	9.30	6.82	29.2	3.8		46.0	12	15
CEA 3504 38 6D	12.89	9.58	38.9	5.1		60.0	12	22
CEA 3505 48 6D	15.63	11.50	48.7	6.3		74.0	12	22
CEA 3506 57 6D	18.80	13.84	58.4	7.6		88.0	12	22
CEA 4001 13 6D	4.74	3.48	13.9	1.8		23.0	10	15
CEA 4002 27 6D	9.45	6.95	27.3	3.5		41.0	12	19
CEA 4003 36 6D	12.67	9.24	36.4	4.7		55.0	12	19
CEA 4004 54 6D	18.85	13.83	54.6	7.1		78.0	12	22
CEA 4501 20 6D	7.68	5.66	20.7	2.7		30.0	12	19
CEA 4502 41 6D	15.44	11.38	41.5	5.4		54.0	12	22
CEA 4503 61 6D	23.00	16.85	62.3	8.1		79.0	12	22
CEA 4504 82 6D	30.95	22.82	83.1	10.8		103.0	12	22
CEA 5001 26 6D	10.12	7.43	26.4	3.4	4	51.0	12	19
CEA 5001 39 6D	12.39	9.00	39.5	5.1	6	59.0	12	19
CEA 5001 52 6D	14.87	11.09	52.7	6.8	8	59	12	22
CEA 5002 54 6D	20.84	15.32	54.6	7.1	4	93.0	12	22
CEA 5002 81 6D	26.66	19.63	81.8	10.6	6	110.0	12	22
CEA 5002 108 6D	29.06	21.31	109.1	14.2	8	120	12	22
CEA 5003 82 6D	31.17	22.78	83.6	10.9	4	135.0	12	22
CEA 5003 122 6D	41.22	30.56	125.3	16.3	6	162.0	12	22
CEA 5003 163 6D	45.98	34.16	165.5	21.5	8	182	16	35
CEA 5004 109 6D	41.63	30.62	110.9	14.4	4	156	16	35
CEA 5004 164 6D	53.37	39.32	166.4	21.6	6	199	16	35
CEA 5004 219 6D	59.09	43.35	221.8	28.8	8	240	16	35

CEA SERIES EVAPORATOR

EVAPORADORES SERIE CEA

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt>=-18°C

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diámetro Diameter (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensi- dad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Bateria (W)	Drain Pan/ Bandeja (W)	Total (W)
CEA 2501 06 6D	250	1	1 ~ 230	44	0.2	793	4	2 × 440	1 × 440	1320
CEA 2502 11 6D	250	2	1 ~ 230	88	0.4	1587	5	2 × 730	1 × 730	2190
CEA 2503 17 6D	250	3	1 ~ 230	132	0.6	2382	6	2 × 1030	1 × 1030	3090
CEA 2504 23 6D	250	4	1 ~ 230	176	0.8	3175	7	2 × 1310	1 × 1310	3930
CEA 2505 29 6D	250	5	1 ~ 230	220	1.0	3969	8	2 × 1600	1 × 1600	4800
CEA 2506 35 6D	250	6	1 ~ 230	264	1.2	4764	10	2 × 1890	1 × 1890	5670
CEA 3001 08 6D	300	1	1 ~ 230	72	0.3	1341	6	3 × 440	1 × 440	1760
CEA 3002 15 6D	300	2	1 ~ 230	144	0.6	2683	7	3 × 730	1 × 730	2920
CEA 3003 23 6D	300	3	1 ~ 230	216	1.0	4025	9	3 × 1030	1 × 1030	4120
CEA 3004 31 6D	300	4	1 ~ 230	288	1.3	5367	11	3 × 1310	1 × 1310	5240
CEA 3005 38 6D	300	5	1 ~ 230	360	1.6	6710	13	3 × 1600	1 × 1600	6400
CEA 3006 46 6D	300	6	1 ~ 230	432	1.9	8051	15	3 × 1890	1 × 1890	7560
CEA 3501 10 6D	350	1	1 ~ 230	130	0.6	1894	10	4 × 440	2 × 440	2640
CEA 3502 19 6D	350	2	1 ~ 230	260	1.2	3793	14	4 × 730	2 × 730	4380
CEA 3503 28 6D	350	3	1 ~ 230	390	1.7	5693	16	4 × 1030	2 × 1030	6180
CEA 3504 38 6D	350	4	1 ~ 230	520	2.3	7595	20	4 × 1310	2 × 1310	7860
CEA 3505 48 6D	350	5	1 ~ 230	650	2.9	9492	22	4 × 1600	2 × 1600	9600
CEA 3506 57 6D	350	6	1 ~ 230	780	3.5	11392	24	4 × 1890	2 × 1890	11340
CEA 4001 13 6D	400	1	1 ~ 230	160	0.7	3271	11	4 × 550	1 × 550	2750
CEA 4002 27 6D	400	2	1 ~ 230	320	1.5	6491	14	4 × 1030	1 × 1030	5150
CEA 4003 36 6D	400	3	1 ~ 230	480	2.2	9294	16	4 × 1310	1 × 1310	6550
CEA 4004 54 6D	400	4	1 ~ 230	640	2.9	12983	19	4 × 1890	1 × 1890	9450
CEA 4501 20 6D	450	1	3 ~ 400	460	1.0	5656	15	4 × 730	1 × 730	3650
CEA 4502 41 6D	450	2	3 ~ 400	920	1.9	11317	18	4 × 1310	1 × 1310	6550
CEA 4503 61 6D	450	3	3 ~ 400	1380	2.9	16969	22	4 × 1890	1 × 1890	9450
CEA 4504 82 6D	450	4	3 ~ 400	1840	3.8	22638	24	4 × 2470	1 × 2470	12350
CEA 5001 26 6D	500	1	3 ~ 400	820	1.6	7764	24	6 × 730	1 × 730	5110
CEA 5001 39 6D	500	1	3 ~ 400	820	1.6	7031	21	7 × 730	2 × 730	6570
CEA 5001 52 6D	500	1	3 ~ 400	770	1.7	6304	18	8 × 730	2 × 730	7300
CEA 5002 54 6D	500	2	3 ~ 400	1640	3.2	15703	24	6 × 1400	1 × 1400	9800
CEA 5002 81 6D	500	2	3 ~ 400	1640	3.2	14278	20	7 × 1400	2 × 1400	12600
CEA 5002 108 6D	500	2	3 ~ 400	1540	3.3	12832	16	8 × 1400	2 × 1400	14000
CEA 5003 82 6D	500	3	3 ~ 400	2460	4.8	23711	29	6 × 2050	1 × 2050	14350
CEA 5003 122 6D	500	3	3 ~ 400	2460	4.8	21621	24	7 × 2050	2 × 2050	18450
CEA 5003 163 6D	500	3	3 ~ 400	2310	5.0	19362	19	8 × 2050	2 × 2050	20500
CEA 5004 109 6D	500	4	3 ~ 400	3080	6.6	30519	34	6 × 3390	1 × 3390	23730
CEA 5004 164 6D	500	4	3 ~ 400	3080	6.6	28029	29	7 × 3390	2 × 3390	30510
CEA 5004 219 6D	500	4	3 ~ 400	3080	6.6	25885	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ EVAPORADORES CO2

COMMERCIAL CUBIC EVAPORATORS

EVAPORADORES CÚBICOS COMERCIALES

CO2

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt>=-18°C

Model / Modelo	Capacity / Capacidad CO2 (kW)		Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Bobina Filas Coil Rows	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K						
CEA 5501 35 6D	11.65	8.43	35.6	4.6	4	64	12	19
CEA 5501 53 6D	15.33	11.16	53.3	6.9	6	79	12	22
CEA 5501 70 6D	17.84	13.14	71.1	9.2	8	128	12	28
CEA 5502 72 6D	24.51	17.93	73.1	9.5	4	154	12	35
CEA 5502 108 6D	30.90	22.44	109.7	14.3	6	192	12	35
CEA 5502 144 6D	36.96	27.37	146.3	19.0	8	232	16	35
CEA 5503 109 6D	35.45	25.59	110.7	14.4	4	253	16	35
CEA 5503 164 6D	48.09	35.25	166.1	21.6	6	307	16	35
CEA 5503 218 6D	54.53	40.01	221.4	28.8	8	93	16	28
CEA 5504 146 6D	49.52	36.22	148.3	19.3	4	111	16	28
CEA 5504 219 6D	62.50	45.41	222.4	28.9	6	180	16	42
CEA 5504 292 6D	68.46	49.45	296.6	38.5	8	220	16	42
CEA 6301 50 6D	17.07	12.53	50.7	6.6	4	141	16	22
CEA 6301 75 6D	22.86	16.79	76	9.9	6	164	16	22
CEA 6301 100 6D	26.43	19.49	101.3	13.2	8	190	16	28
CEA 6301 125 6D	25.08	18.7	124.7	27.5	10	219	16	28
CEA 6302 102 6D	35.24	25.64	103.7	13.5	4	256	16	35
CEA 6302 153 6D	46.45	34.14	155.5	20.2	6	303	16	35
CEA 6302 204 6D	53.76	39.66	207.4	26.9	8	354	16	42
CEA 6302 255 6D	48.62	35.96	255.3	56.2	10	408	2 x 16	2 x 28
CEA 6303 154 6D	53.7	39.26	156.7	20.4	4	373	16	42
CEA 6303 232 6D	68.94	50.32	235.1	30.5	6	441	16	42
CEA 6303 309 6D	76.66	55.67	313.4	40.7	8	516	16	42
CEA 6303 386 6D	78.92	59.87	385.9	85	10	596	2 x 16	2 x 35
CEA 6304 207 6D	71.12	51.76	209.7	27.2	4	487	16	42
CEA 6304 310 6D	86.89	62.5	314.6	40.9	6	577	16	42
CEA 6304 413 6D	108.41	80	419.5	54.5	8	678	2 x 16	2 x 35
CEA 6304 517 6D	109.39	81.8	516.5	113.7	10	781	2 x 16	2 x 35
CEA 8001 81 6D	28.36	20.75	82.1	10.7	4	201	16	28
CEA 8001 121 6D	35.29	25.58	123.1	16	6	236	16	28
CEA 8001 162 6D	42.08	30.96	164.1	21.3	8	282	16	35
CEA 8001 202 6D	36.1	27.42	202.1	44.5	10	322	2 x 16	2 x 28
CEA 8002 165 6D	55.93	40.55	167.4	21.7	4	366	16	42
CEA 8002 247 6D	73.3	53.5	251.1	32.6	6	441	16	42
CEA 8002 330 6D	85.55	62.9	334.9	43.5	8	529	16	42
CEA 8002 412 6D	80.7	59.98	412.3	90.8	10	604	2 x 16	2 x 35
CEA 8003 249 6D	86.85	63.56	252.8	32.8	4	534	16	54
CEA 8003 374 6D	108.31	78.67	379.2	49.3	6	643	16	54
CEA 8003 498 6D	130.94	96.81	505.6	65.7	8	771	2 x 16	2 x 42
CEA 8003 623 6D	128.47	97.28	622.5	137.1	10	881	2 x 16	2 x 42

CEA SERIES EVAPORATOR

EVAPORADORES SERIE CEA

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt>=-18°C

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diámetro Diameter (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensi- dad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Bateria (W)	Drain Pan/ Bandeja (W)	Total (W)
CEA 5501 35 6D	550	1	3 ~ 400	770	1.7	8042	17	4 × 1280	1 × 1280	6400
CEA 5501 53 6D	550	1	3 ~ 400	770	1.7	7630	16	6 × 1280	2 × 1280	10240
CEA 5501 70 6D	550	1	3 ~ 400	770	1.7	7223	15	8 × 1280	2 × 1280	12800
CEA 5502 72 6D	550	2	3 ~ 400	1540	3.3	16170	20	4 × 2320	1 × 2320	11600
CEA 5502 108 6D	550	2	3 ~ 400	1540	3.3	15360	19	6 × 2320	2 × 2320	18560
CEA 5502 144 6D	550	2	3 ~ 400	1540	3.3	14605	18	8 × 2320	2 × 2320	23200
CEA 5503 109 6D	550	3	3 ~ 400	2310	5.0	24291	23	4 × 3200	1 × 3200	16000
CEA 5503 164 6D	550	3	3 ~ 400	2310	5.0	23091	22	6 × 3200	2 × 3200	25600
CEA 5503 218 6D	550	3	3 ~ 400	2310	5.0	21980	21	8 × 3200	2 × 3200	32000
CEA 5504 146 6D	550	4	3 ~ 400	3080	6.6	32420	27	4 × 4260	1 × 4260	21300
CEA 5504 219 6D	550	4	3 ~ 400	3080	6.6	30816	26	6 × 4260	2 × 4260	34080
CEA 5504 292 6D	550	4	3 ~ 400	3080	6.6	29354	25	8 × 4260	2 × 4260	42600
CEA 6301 50 6D	630	1	3 ~ 400	1100	2.2	11978	20	5 × 1510	1 × 1510	9060
CEA 6301 75 6D	630	1	3 ~ 400	1100	2.2	11491	19	7 × 1510	2 × 1510	13590
CEA 6301 100 6D	630	1	3 ~ 400	1100	2.2	10943	18	9 × 1510	2 × 1510	16610
CEA 6301 125 6D	630	1	3 ~ 400	1100	2.2	10319	17	12 × 1510	2 × 1510	21140
CEA 6302 102 6D	630	2	3 ~ 400	2200	4.4	24044	23	5 × 2740	1 × 2740	16440
CEA 6302 153 6D	630	2	3 ~ 400	2200	4.4	23101	22	7 × 2740	2 × 2740	24660
CEA 6302 204 6D	630	2	3 ~ 400	2200	4.4	22053	21	9 × 2740	2 × 2740	30140
CEA 6302 255 6D	630	2	3 ~ 400	2200	4.4	20822	20	12 × 2740	2 × 2740	38360
CEA 6303 154 6D	630	3	3 ~ 400	3300	6.6	36112	27	5 × 3800	1 × 3800	22800
CEA 6303 232 6D	630	3	3 ~ 400	3300	6.6	34706	26	7 × 3800	2 × 3800	34200
CEA 6303 309 6D	630	3	3 ~ 400	3300	6.6	33133	25	9 × 3800	2 × 3800	41800
CEA 6303 386 6D	630	3	3 ~ 400	3300	6.6	31295	24	12 × 3800	2 × 3800	53200
CEA 6304 207 6D	630	4	3 ~ 400	4400	8.8	48157	34	5 × 5060	1 × 5060	30360
CEA 6304 310 6D	630	4	3 ~ 400	4400	8.8	46274	32	7 × 5060	2 × 5060	45540
CEA 6304 413 6D	630	4	3 ~ 400	4400	8.8	44201	30	9 × 5060	2 × 5060	55660
CEA 6304 517 6D	630	4	3 ~ 400	4400	8.8	41769	28	12 × 5060	2 × 5060	70840
CEA 8001 81 6D	800	1	3 ~ 400	1600	3.5	19462	25	7 × 1700	1 × 1700	13600
CEA 8001 121 6D	800	1	3 ~ 400	1600	3.5	18472	24	10 × 1700	2 × 1700	20400
CEA 8001 162 6D	800	1	3 ~ 400	1600	3.5	17550	23	16 × 1700	2 × 1700	30600
CEA 8001 202 6D	800	1	3 ~ 400	1600	3.5	16389	22	16 × 1700	2 × 1700	30600
CEA 8002 165 6D	800	2	3 ~ 400	3200	7	39071	29	7 × 2810	1 × 2810	22480
CEA 8002 247 6D	800	2	3 ~ 400	3200	7	37129	28	10 × 2810	2 × 2810	33720
CEA 8002 330 6D	800	2	3 ~ 400	3200	7	35407	27	16 × 2810	2 × 2810	50580
CEA 8002 412 6D	800	2	3 ~ 400	3200	7	33034	26	16 × 2810	2 × 2810	50580
CEA 8003 249 6D	800	3	3 ~ 400	4800	10.5	58702	34	7 × 4420	1 × 4420	35360
CEA 8003 374 6D	800	3	3 ~ 400	4800	10.5	55725	33	10 × 4420	2 × 4420	53040
CEA 8003 498 6D	800	3	3 ~ 400	4800	10.5	53203	32	16 × 4420	2 × 4420	79560
CEA 8003 623 6D	800	3	3 ~ 400	4800	10.5	49668	31	16 × 4420	2 × 4420	79560

EVAPORATORS/ EVAPORADORES CO2

COMMERCIAL CUBIC EVAPORATORS

EVAPORADORES CÚBICOS COMERCIALES

CO2

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C

SEPARACIÓN ALETAS 9 mm, con desescarche eléctrico, Rt>=-35°C

Model / Modelo	Capacity / Capacidad CO2 (kW)		Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Bobina Filas Coil Rows	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K						
CEA 2501 04 9D	1.21	0.88	4.0	0.8		11.0	10	10
CEA 2502 08 9D	2.37	1.71	8.1	1.5		19.0	10	10
CEA 2503 12 9D	3.68	2.68	12.1	2.3		27.0	10	15
CEA 2504 16 9D	4.79	3.47	16.1	3.0		36.0	10	15
CEA 2505 20 9D	5.72	4.09	20.2	3.8		44.0	10	15
CEA 2506 24 9D	7.22	5.23	24.2	4.6		51.0	12	15
CEA 3001 06 9D	1.84	1.34	5.4	1.0		14.0	10	10
CEA 3002 10 9D	3.72	2.71	10.7	2.0		24.0	10	15
CEA 3003 16 9D	5.36	3.87	16.1	3.0		33.0	10	15
CEA 3004 21 9D	7.33	5.32	21.5	4.0		43.0	12	15
CEA 3005 27 9D	9.25	6.73	26.9	5.1		53.0	12	19
CEA 3006 31 9D	10.84	7.84	32.3	6.1		63.0	12	19
CEA 3501 07 9D	2.59	1.88	6.7	1.3		17.0	10	10
CEA 3502 13 9D	5.31	3.88	13.4	2.5		31.0	10	15
CEA 3503 20 9D	8.03	5.88	20.2	3.8		44.0	12	15
CEA 3504 27 9D	10.98	8.11	26.9	5.1		57.0	12	22
CEA 3505 34 9D	13.47	9.89	33.6	6.3		70.0	12	22
CEA 3506 40 9D	16.20	11.89	40.4	7.6		84.0	12	22
CEA 4001 09 9D	3.90	2.85	9.6	1.8		22.0	10	15
CEA 4002 18 9D	7.75	5.68	18.8	3.5		39.0	12	19
CEA 4003 24 9D	10.59	7.72	25.1	4.7		53.0	12	19
CEA 4004 36 9D	15.53	11.36	37.7	7.1		74.0	12	22
CEA 4501 14 9D	6.24	4.56	14.3	2.7		28.0	12	19
CEA 4502 28 9D	12.52	9.15	28.7	5.4		51.0	12	22
CEA 4503 41 9D	18.91	13.82	43.1	8.1		74.0	12	22
CEA 4504 57 9D	25.08	18.35	57.4	10.8		97.0	12	22
CEA 5001 17 9D	8.30	6.07	18.2	3.4	4	49.0	12	19
CEA 5001 26 9D	10.71	7.79	27.3	5.1	6	57.0	12	19
CEA 5001 36 9D	13.14	9.72	36.4	6.8	8	56	12	22
CEA 5002 36 9D	17.05	12.48	37.7	7.1	4	89.0	12	22
CEA 5002 54 9D	22.66	16.63	56.5	10.6	6	105.0	12	22
CEA 5002 75 9D	26.12	19.11	75.4	14.2	8	112	12	22
CEA 5003 54 9D	25.75	18.77	57.7	10.9	4	129.0	12	22
CEA 5003 82 9D	34.65	25.50	86.6	16.3	6	154.0	12	22
CEA 5003 114 9D	40.78	30.12	114.3	21.5	8	170	16	35
CEA 5004 76 9D	34.37	25.17	76.6	14.4	4	149	16	35
CEA 5004 114 9D	45.96	33.73	114.9	21.6	6	188	16	35
CEA 5004 152 9D	53.06	38.85	153.2	28.8	8	225	16	35

CEA SERIES EVAPORATOR

EVAPORADORES SERIE CEA

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C

SEPARACIÓN ALETAS 9 mm, con desescarche eléctrico, Rt>=-35°C

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diámetro Diameter (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensi- dad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Bateria (W)	Drain Pan/ Bandeja (W)	Total (W)
CEA 2501 04 9D	250	1	1 ~ 230	44	0.2	834	4	2 × 440	1 × 440	1320
CEA 2502 08 9D	250	2	1 ~ 230	88	0.4	1668	5	2 × 730	1 × 730	2190
CEA 2503 12 9D	250	3	1 ~ 230	132	0.6	2503	6	2 × 1030	1 × 1030	3090
CEA 2504 16 9D	250	4	1 ~ 230	176	0.8	3337	7	2 × 1310	1 × 1310	3930
CEA 2505 20 9D	250	5	1 ~ 230	220	1.0	4171	9	2 × 1600	1 × 1600	4800
CEA 2506 24 9D	250	6	1 ~ 230	264	1.2	5006	10	2 × 1890	1 × 1890	5670
CEA 3001 06 9D	300	1	1 ~ 230	72	0.3	1404	6	3 × 440	1 × 440	1760
CEA 3002 10 9D	300	2	1 ~ 230	144	0.6	2810	7	3 × 730	1 × 730	2920
CEA 3003 16 9D	300	3	1 ~ 230	216	1.0	4214	9	3 × 1030	1 × 1030	4120
CEA 3004 21 9D	300	4	1 ~ 230	288	1.3	5620	11	3 × 1310	1 × 1310	5240
CEA 3005 27 9D	300	5	1 ~ 230	360	1.6	7026	13	3 × 1600	1 × 1600	6400
CEA 3006 31 9D	300	6	1 ~ 230	432	1.9	8430	15	3 × 1890	1 × 1890	7560
CEA 3501 07 9D	350	1	1 ~ 230	130	0.6	2059	11	4 × 440	2 × 440	2640
CEA 3502 13 9D	350	2	1 ~ 230	260	1.2	4124	14	4 × 730	2 × 730	4380
CEA 3503 20 9D	350	3	1 ~ 230	390	1.7	6189	17	4 × 1030	2 × 1030	6180
CEA 3504 27 9D	350	4	1 ~ 230	520	2.3	8257	20	4 × 1310	2 × 1310	7860
CEA 3505 34 9D	350	5	1 ~ 230	650	2.9	10319	22	4 × 1600	2 × 1600	9600
CEA 3506 40 9D	350	6	1 ~ 230	780	3.5	12384	24	4 × 1890	2 × 1890	11340
CEA 4001 09 9D	400	1	1 ~ 230	160	0.7	3418	11	4 × 550	1 × 550	2750
CEA 4002 18 9D	400	2	1 ~ 230	320	1.5	6788	14	4 × 1030	1 × 1030	5150
CEA 4003 24 9D	400	3	1 ~ 230	480	2.2	9780	16	4 × 1310	1 × 1310	6550
CEA 4004 36 9D	400	4	1 ~ 230	640	2.9	13578	20	4 × 1890	1 × 1890	9450
CEA 4501 14 9D	450	1	3 ~ 400	460	1.0	5878	15	4 × 730	1 × 730	3650
CEA 4502 28 9D	450	2	3 ~ 400	920	1.9	11759	18	4 × 1310	1 × 1310	6550
CEA 4503 41 9D	450	3	3 ~ 400	1380	2.9	17632	22	4 × 1890	1 × 1890	9450
CEA 4504 57 9D	450	4	3 ~ 400	1840	3.8	23521	24	4 × 2470	1 × 2470	12350
CEA 5001 17 9D	500	1	3 ~ 400	820	1.6	8094	26	6 × 730	1 × 730	5110
CEA 5001 26 9D	500	1	3 ~ 400	820	1.6	7437	23	7 × 730	2 × 730	6570
CEA 5001 36 9D	500	1	3 ~ 400	820	1.6	6892	20	8 × 730	2 × 730	7300
CEA 5002 36 9D	500	2	3 ~ 400	1640	3.2	16344	24	6 × 1400	1 × 1400	9800
CEA 5002 54 9D	500	2	3 ~ 400	1640	3.2	15075	20	7 × 1400	2 × 1400	12600
CEA 5002 75 9D	500	2	3 ~ 400	1640	3.2	13995	16	8 × 1400	2 × 1400	14000
CEA 5003 54 9D	500	3	3 ~ 400	2460	4.8	24638	29	6 × 2050	1 × 2050	14350
CEA 5003 82 9D	500	3	3 ~ 400	2460	4.8	22793	24	7 × 2050	2 × 2050	18450
CEA 5003 114 9D	500	3	3 ~ 400	2460	4.8	21102	19	8 × 2050	2 × 2050	20500
CEA 5004 76 9D	500	4	3 ~ 400	3280	6.4	32828	34	6 × 3390	1 × 3390	23730
CEA 5004 114 9D	500	4	3 ~ 400	3280	6.4	30332	29	7 × 3390	2 × 3390	30510
CEA 5004 152 9D	500	4	3 ~ 400	3280	6.4	28200	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ EVAPORADORES CO2

COMMERCIAL CUBIC EVAPORATORS

EVAPORADORES CÚBICOS COMERCIALES

CO2

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C

SEPARACIÓN ALETAS 9 mm, con desescarche eléctrico, Rt>=-35°C

Model / Modelo	Capacity / Capacidad CO2 (kW)		Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Bobina Filas Coil Rows	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K						
CEA 5501 24 9D	9.60	6.95	24.6	4.6	4	60	12	19
CEA 5501 37 9D	12.96	9.42	36.8	6.9	6	74	12	22
CEA 5501 49 9D	15.56	11.36	49.1	9.2	8	120	12	28
CEA 5502 50 9D	19.83	14.44	50.5	9.5	4	144	12	35
CEA 5502 75 9D	26.22	19.03	75.8	14.3	6	180	12	35
CEA 5502 101 9D	31.84	23.32	101.0	19.0	8	217	16	35
CEA 5503 76 9D	29.33	21.20	76.5	14.4	4	238	16	35
CEA 5503 114 9D	40.23	29.36	114.7	21.6	6	286	16	35
CEA 5503 152 9D	47.59	34.72	152.9	28.8	8	88	16	28
CEA 5504 102 9D	40.05	29.16	102.4	19.3	4	105	16	28
CEA 5504 153 9D	52.99	38.48	153.6	28.9	6	170	16	42
CEA 5504 204 9D	60.81	43.86	204.8	38.5	8	206	16	42
CEA 6301 35 9D	13.64	9.89	35	6.6	4	138	16	22
CEA 6301 52 9D	19.02	13.87	52.5	9.9	6	158	16	22
CEA 6301 70 9D	22.86	16.74	70	13.2	8	183	16	28
CEA 6301 70 9D	21.75	16.74	87	27.5	10	183	16	28
CEA 6302 71 9D	28.64	20.78	71.6	13.5	4	250	16	35
CEA 6302 107 9D	38.62	28.18	107.4	20.2	6	293	16	35
CEA 6302 143 9D	46.45	34.04	143.2	26.9	8	340	16	42
CEA 6302 178 9D	40.42	30.12	178.1	56.2	10	391	2 x 16	2 x 28
CEA 6303 108 9D	43.14	31.35	108.2	20.4	4	362	16	42
CEA 6303 162 9D	58.11	42.31	162.4	30.5	6	425	16	42
CEA 6303 215 9D	67.52	48.96	216.5	40.7	8	495	16	42
CEA 6303 269 9D	68.83	51.28	269.2	85	10	570	2 x 16	2 x 35
CEA 6304 144 9D	57.75	41.91	144.9	27.2	4	473	16	42
CEA 6304 216 9D	74.71	53.85	217.3	40.9	6	556	16	42
CEA 6304 288 9D	93.62	68.62	289.7	54.5	8	649	2 x 16	2 x 35
CEA 6304 360 9D	95.99	71.74	360.2	113.7	10	746	2 x 16	2 x 35
CEA 8001 56 9D	23.03	16.77	56.7	10.7	4	195	16	28
CEA 8001 85 9D	30.14	21.87	85	16	6	228	16	28
CEA 8001 113 9D	36.64	26.79	113.4	21.3	8	271	16	35
CEA 8001 141 9D	29.95	22.87	141	44.5	10	308	2 x 16	2 x 28
CEA 8002 115 9D	46.09	33.41	115.6	21.7	4	355	16	42
CEA 8002 173 9D	62.08	45.25	173.5	32.6	6	423	16	42
CEA 8002 230 9D	74.34	54.4	231.3	43.5	8	506	16	42
CEA 8002 288 9D	69.69	50.84	287.6	90.8	10	576	2 x 16	2 x 35
CEA 8003 174 9D	70.41	51.31	174.6	32.8	4	517	16	54
CEA 8003 261 9D	92.4	67.12	261.9	49.3	6	618	16	54
CEA 8003 347 9D	112.66	82.64	349.2	65.7	8	737	2 x 16	2 x 42
CEA 8003 434 9D	113.35	85.36	434.2	137.1	10	839	2 x 16	2 x 42

EVAPORATORS/ EVAPORADORES CO2

CEA SERIES EVAPORATOR

EVAPORADORES SERIE CEA

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C

SEPARACIÓN ALETAS 9 mm, con desescarche eléctrico, Rt>=-35°C

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diámetro Diameter (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensi- dad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Bateria (W)	Drain Pan/ Bandeja (W)	Total (W)
CEA 5501 24 9D	550	1	3 ~ 400	770	1.7	8231	17	4 × 1280	1 × 1280	6400
CEA 5501 37 9D	550	1	3 ~ 400	770	1.7	7858	16	6 × 1280	2 × 1280	10240
CEA 5501 49 9D	550	1	3 ~ 400	770	1.7	7545	16	8 × 1280	2 × 1280	12800
CEA 5502 50 9D	550	2	3 ~ 400	1540	3.3	16538	21	4 × 2320	1 × 2320	11600
CEA 5502 75 9D	550	2	3 ~ 400	1540	3.3	15805	20	6 × 2320	2 × 2320	18560
CEA 5502 101 9D	550	2	3 ~ 400	1540	3.3	15201	19	8 × 2320	2 × 2320	23200
CEA 5503 76 9D	550	3	3 ~ 400	2310	5.0	24838	24	4 × 3200	1 × 3200	16000
CEA 5503 114 9D	550	3	3 ~ 400	2310	5.0	23753	23	6 × 3200	2 × 3200	25600
CEA 5503 152 9D	550	3	3 ~ 400	2310	5.0	22849	22	8 × 3200	2 × 3200	32000
CEA 5504 102 9D	550	4	3 ~ 400	3080	6.6	33147	28	4 × 4260	1 × 4260	21300
CEA 5504 153 9D	550	4	3 ~ 400	3080	6.6	31696	27	6 × 4260	2 × 4260	34080
CEA 5504 204 9D	550	4	3 ~ 400	3080	6.6	30496	26	8 × 4260	2 × 4260	42600
CEA 6301 35 9D	630	1	3 ~ 400	1100	2.2	12177	20	5 × 1510	1 × 1510	9060
CEA 6301 52 9D	630	1	3 ~ 400	1100	2.2	11812	19	7 × 1510	2 × 1510	13590
CEA 6301 70 9D	630	1	3 ~ 400	1100	2.2	11354	19	9 × 1510	2 × 1510	16610
CEA 6301 70 9D	630	1	3 ~ 400	1100	2.2	10792	18	12 × 1510	2 × 1510	21140
CEA 6302 71 9D	630	2	3 ~ 400	2200	4.4	24405	24	5 × 2740	1 × 2740	16440
CEA 6302 107 9D	630	2	3 ~ 400	2200	4.4	23733	23	7 × 2740	2 × 2740	24660
CEA 6302 143 9D	630	2	3 ~ 400	2200	4.4	22851	22	9 × 2740	2 × 2740	30140
CEA 6302 178 9D	630	2	3 ~ 400	2200	4.4	21767	21	12 × 2740	2 × 2740	38360
CEA 6303 108 9D	630	3	3 ~ 400	3300	6.6	36642	28	5 × 3800	1 × 3800	22800
CEA 6303 162 9D	630	3	3 ~ 400	3300	6.6	35653	27	7 × 3800	2 × 3800	34200
CEA 6303 215 9D	630	3	3 ~ 400	3300	6.6	34330	26	9 × 3800	2 × 3800	41800
CEA 6303 269 9D	630	3	3 ~ 400	3300	6.6	32683	25	12 × 3800	2 × 3800	53200
CEA 6304 144 9D	630	4	3 ~ 400	4400	8.8	48861	35	5 × 5060	1 × 5060	30360
CEA 6304 216 9D	630	4	3 ~ 400	4400	8.8	47609	33	7 × 5060	2 × 5060	45540
CEA 6304 288 9D	630	4	3 ~ 400	4400	8.8	45798	31	9 × 5060	2 × 5060	55660
CEA 6304 360 9D	630	4	3 ~ 400	4400	8.8	43611	29	12 × 5060	2 × 5060	70840
CEA 8001 56 9D	800	1	3 ~ 400	1600	3.5	19936	25	7 × 1700	1 × 1700	13600
CEA 8001 85 9D	800	1	3 ~ 400	1600	3.5	19067	24	10 × 1700	2 × 1700	20400
CEA 8001 113 9D	800	1	3 ~ 400	1600	3.5	18247	23	16 × 1700	2 × 1700	30600
CEA 8001 141 9D	800	1	3 ~ 400	1600	3.5	17385	22	16 × 1700	2 × 1700	30600
CEA 8002 115 9D	800	2	3 ~ 400	3200	7	39987	30	7 × 2810	1 × 2810	22480
CEA 8002 173 9D	800	2	3 ~ 400	3200	7	38339	29	10 × 2810	2 × 2810	33720
CEA 8002 230 9D	800	2	3 ~ 400	3200	7	36699	28	16 × 2810	2 × 2810	50580
CEA 8002 288 9D	800	2	3 ~ 400	3200	7	34944	27	16 × 2810	2 × 2810	50580
CEA 8003 174 9D	800	3	3 ~ 400	4800	10.5	60065	37	7 × 4420	1 × 4420	35360
CEA 8003 261 9D	800	3	3 ~ 400	4800	10.5	57571	35	10 × 4420	2 × 4420	53040
CEA 8003 347 9D	800	3	3 ~ 400	4800	10.5	55110	33	16 × 4420	2 × 4420	79560
CEA 8003 434 9D	800	3	3 ~ 400	4800	10.5	52480	31	16 × 4420	2 × 4420	79560

EVAPORATORS/ EVAPORADORES CO2

AVAILABLE OPTIONS FOR CEA SERIES:

Defrost options:

- Without defrost (air)
- D: Electrical defrost: standard model
- HG: hot gas
- W: water
- HGD: hot gas defrost for coil and electrical defrost for tray
- WD: water and electrical

Tube material options:

- Copper: standard models
- Stainless steel AISI SUS304

Coil protection options:

- Aluminium fins: standard models
- Fins with GOLDFIN anti-corrosion high resistance coating.

Fan options:

- EC Fans
- Silica gel heaters for fan nozzles: only for ø500 mm or above models
- Streamers: Air-guiding device for increased airthrow

Casing options:

- White powder-coated painted aluminium: standard models
- stainless steel AISI SUS304

Other options:

- Double insulated drip tray (recommended for low temperature room applications)
- Thermal protector for defrosting electrical heaters

OPCIONES DISPONIBLES PARA LA SERIE CEA:

Opciones de desescarche:

- Sin desescarche (aire)
- D: Desescarche eléctrico: modelo estándar
- HG: Gas caliente
- W: agua
- HGD: gas caliente en serpentín y eléctrico en bandeja
- WD: agua y eléctrico

Opciones material tubos:

- Cobre: modelo estándar
- Acero inoxidable AISI SUS304

Opciones protección de serpentín:

- Aleta de aluminio: modelo estándar
- Aleta con tratamiento GOLDFIN con anticorrosión de alta resistencia.

Opciones ventiladores:

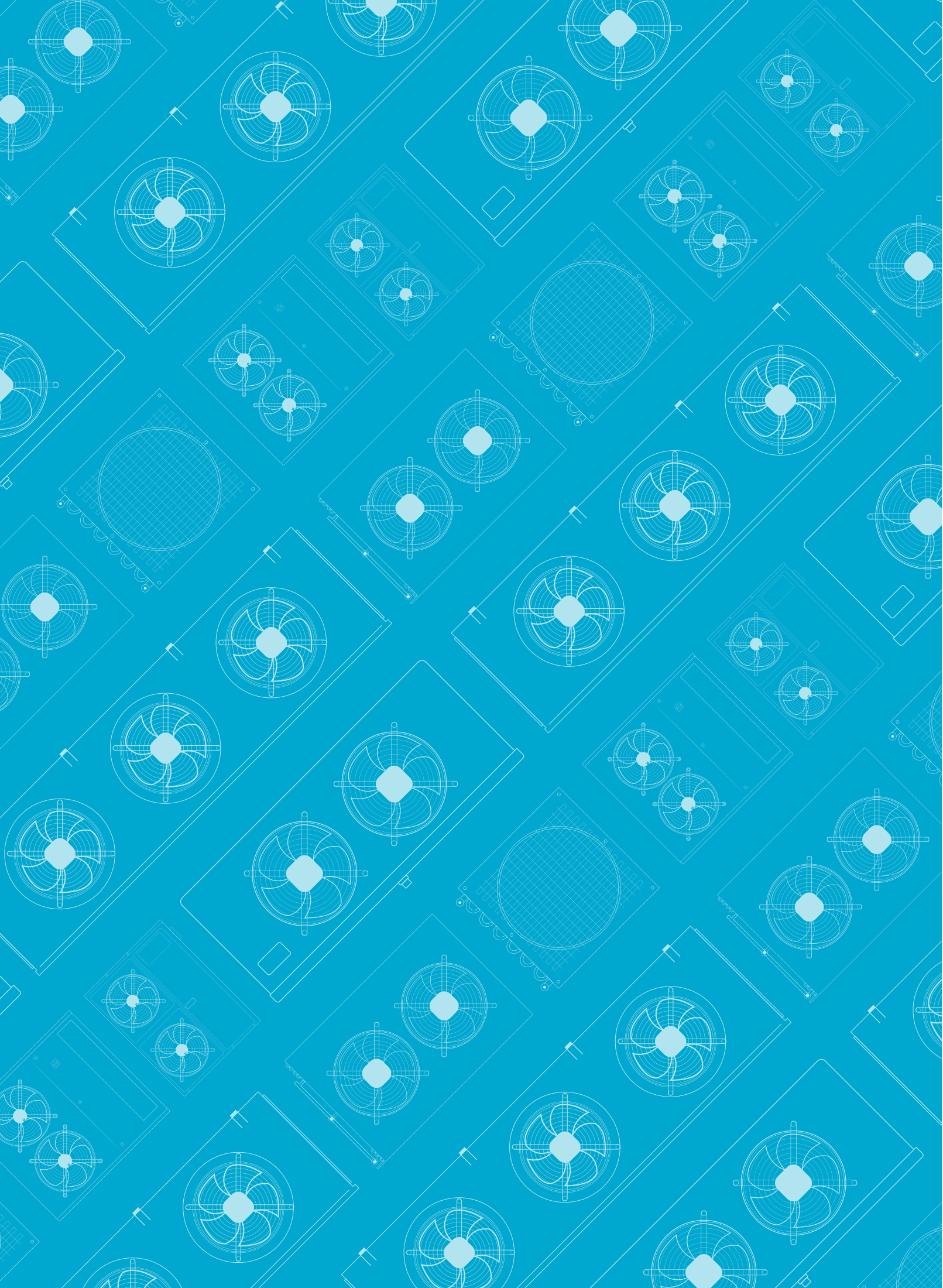
- Ventiladores EC
- Resistencias calefactoras para aro de ventiladores: sólo para modelos ø500 mm o más grandes
- Streamers: Dispositivo de aire guiado para incrementar el tiro de aire.

Opciones carcasa:

- Aluminio pintado al polvo blanco: modelos estándar
- acero inoxidable AISI SUS304

Otras opciones:

- Bandeja de goteo con doble aislamiento (recomendada en aplicaciones con cámaras de baja temperatura)
- Protector térmico para resistencias de desescarche





DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

EVAPORADORES TIPO TECHO

The CED range of compact-ceiling air type evaporators has been designed for use in low/medium height cold rooms for the preservation of fresh and frozen products and processing rooms as well.

The exchange coils used in the CED range are built with geometries of recognized high efficiency, with special profile aluminum fins and $\varnothing 12$ mm internally grooved copper tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

The CED range has models with different fin pitch depending on the temperature of the cold room/processing room:

For high temp. in the cold/processing room:
- CED 35XX XX 4X and above: with 4 mm pitch ($R_t \geq 0^\circ\text{C}$)

For medium temperatures in the cold room:
- CED 35XX XX 6X: with 6 mm pitch ($R_t \geq -18^\circ\text{C}$)

CED SERIES EVAPORATOR

EVAPORADORES SERIE CED

La gama de evaporadores tipo techo CED ha sido diseñada para su uso en cámaras frigoríficas de poca/media altura para conservación de productos frescos y congelados, así como salas de trabajo.

Las bobinas de intercambio utilizadas en la gama CED están construidas con geometrías de reconocida alta eficiencia, con aletas de aluminio de perfil especial y tubos de cobre de alta calidad de $\varnothing 12$ mm ranurados internamente, con alto coeficiente de transferencia de calor.

La gama CED dispone de modelos con diferentes pasos de aleta según la temperatura de la cámara/sala de trabajo:

Para altas temperaturas de cámara/sala:
- CED 35XX XX 4X y mayores: separación de 4 mm ($R_t \geq 0^\circ\text{C}$)

Para medias temperaturas de cámara:
- CED 35XX XX 6X: separación de 6 mm ($R_t \geq -18^\circ\text{C}$)

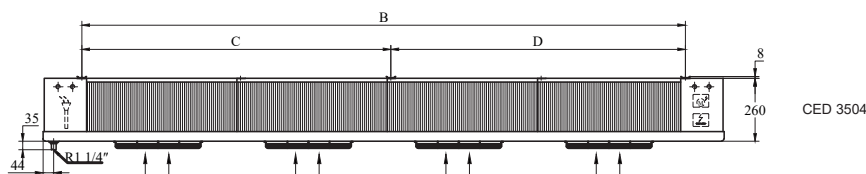
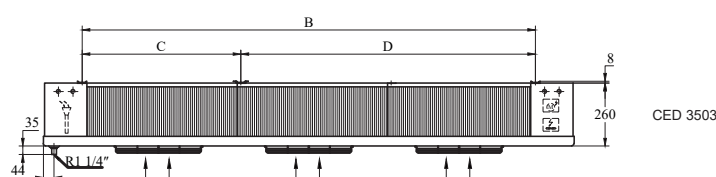
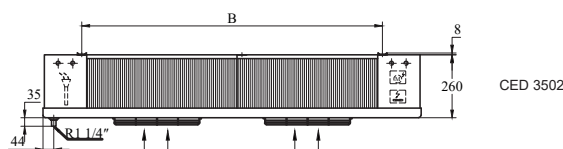
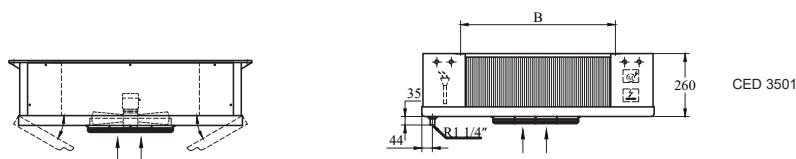
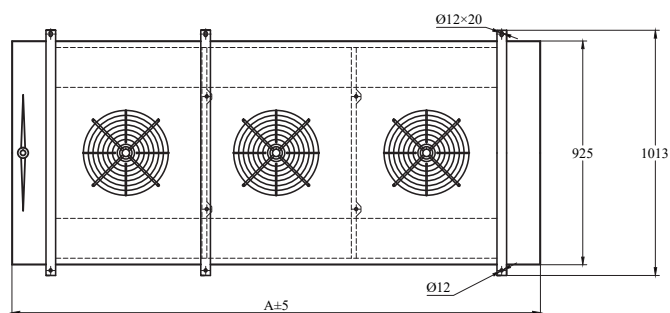
EVAPORATORS / EVAPORADORES CO2

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

EVAPORADORES TIPO TECHO

CO2

EVAPORATORS/ EVAPORADORES CO2



Model / Model	Dimensions / Dimensiones (mm)			
	A	B	C	D
CED 3501...	963	640		
CED 3502...	1565	1242		
CED 3503...	2167	1844	640	1204
CED 3504...	2769	2446	1242	1204

CED SERIES EVAPORATOR

EVAPORADORES SERIE CED

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C

SEPARACIÓN ALETAS 4 mm, con desescarche eléctrico. Rt>=0°C

Model / Modelo	Capacity / Capacidad CO2 (kW)		Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	t _e = 0°C	t _e = -8°C				Inlet/ Entrada	Outlet/ Salida
	DT1=10K	DT1=8K					
CED 3501 17 4LD	4.14	2.94	17.4	1.5	29.7	12	22
CED 3501 17 4ND	5.65	3.92	17.4	1.5	29.7	12	22
CED 3502 35 4LD	7.64	5.55	34.9	3.1	49.5	12	22
CED 3502 35 4ND	9.84	7.04	34.9	3.1	49.5	12	22
CED 3503 52 4LD	12.23	8.79	52.4	4.6	69.6	15	28
CED 3503 52 4ND	16.38	11.53	52.4	4.6	69.6	15	28
CED 3504 70 4LD	15.47	11.22	69.8	6.2	89.3	15	28
CED 3504 70 4ND	20.04	14.32	69.8	6.2	89.3	15	28

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico	
	Diámetro Diameter (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensi- dad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Bateria (W)	Total (W)
CED 3501 17 4LD	350	1	1~230	94	0.4	1167	2 × 6	2 × 750	1500
CED 3501 17 4ND	350	1	1~230	150	0.7	1848	2 × 9	2 × 750	1500
CED 3502 35 4LD	350	2	1~230	188	0.9	2335	2 × 7	2 × 1250	2500
CED 3502 35 4ND	350	2	1~230	300	1.5	3696	2 × 10	2 × 1250	2500
CED 3503 52 4LD	350	3	1~230	282	1.3	3504	2 × 8	2 × 1750	3500
CED 3503 52 4ND	350	3	1~230	450	2.2	5544	2 × 11	2 × 1750	3500
CED 3504 70 4LD	350	4	1~230	376	1.7	4672	2 × 9	2 × 2650	5300
CED 3504 70 4ND	350	4	1~230	600	2.9	7392	2 × 12	2 × 2650	5300

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

EVAPORADORES TIPO TECHO

CO2

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C

SEPARACIÓN ALETAS 6 mm, con desescarche eléctrico. Rt>=-18°C

Model / Modelo	Capacity / Capacidad CO2 (kW)		Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	t _e = -8°C	t _e = -25°C				Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K					
CED 3501 12 6LD	3.72	2.6	11.9	1.5	29.7	12	22
CED 3501 12 6ND	4.78	3.29	11.9	1.5	29.7	12	22
CED 3502 24 6LD	7.02	5.01	23.8	3.1	49.5	12	22
CED 3502 24 6ND	8.69	6.15	23.8	3.1	49.5	12	22
CED 3503 36 6LD	11.08	7.82	35.8	4.6	69.6	15	28
CED 3503 36 6ND	14.08	9.82	35.8	4.6	69.6	15	28
CED 3504 48 6LD	14.19	10.12	47.7	6.2	89.3	15	28
CED 3504 48 6ND	17.63	12.46	47.7	6.2	89.3	15	28

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico	
	Diámetro Diameter (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensi- dad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Bateria (W)	Total (W)
CED 3501 12 6LD	350	1	1~230	94	0.4	1267	2 × 6	2 × 750	1500
CED 3501 12 6ND	350	1	1~230	150	0.7	1879	2 × 9	2 × 750	1500
CED 3502 24 6LD	350	2	1~230	188	0.9	2533	2 × 7	2 × 1250	2500
CED 3502 24 6ND	350	2	1~230	300	1.5	3758	2 × 10	2 × 1250	2500
CED 3503 36 6LD	350	3	1~230	282	1.3	3801	2 × 8	2 × 1750	3500
CED 3503 36 6ND	350	3	1~230	450	2.2	5638	2 × 11	2 × 1750	3500
CED 3504 48 6LD	350	4	1~230	376	1.7	5068	2 × 9	2 × 2650	5300
CED 3504 48 6ND	350	4	1~230	600	2.9	7517	2 × 12	2 × 2650	5300

AVAILABLE OPTIONS FOR CED SERIES:

Defrost options:

- Without defrost (air)
- D: Electrical defrost: standard model
- HG: hot gas
- W: water
- HGD: hot gas defrost for coil and electrical defrost for tray
- WD: water and electrical

Tube material options:

- Copper: standard models
- Stainless steel AISI SUS304

Coil protection options:

- Aluminium fins: standard models
- Fins with GOLDFIN anti-corrosion high resistance coating.

Fan options:

- EC Fans

Casing options:

- White powder-coated painted aluminium: standard models
- stainless steel AISI SUS304

Other options:

- Double insulated drip tray (recommended for low temperature room applications)
- Thermal protector for defrosting electrical heaters

OPCIONES DISPONIBLES PARA LA SERIE CED:

Opciones de desescarche:

- Sin desescarche (aire)
- D: Desescarche eléctrico: modelo estándar
- HG: Gas caliente
- W: agua
- HGD: gas caliente en serpentín y eléctrico en bandeja
- WD: agua y eléctrico

Opciones material tubos:

- Cobre: modelo estándar
- Acero inoxidable AISI SUS304

Opciones protección de serpentín:

- Aleta de aluminio: modelo estándar
- Aleta con tratamiento GOLDFIN con anticorrosión de alta resistencia.

Opciones ventiladores:

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- Protector térmico para resistencias de desescarche



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