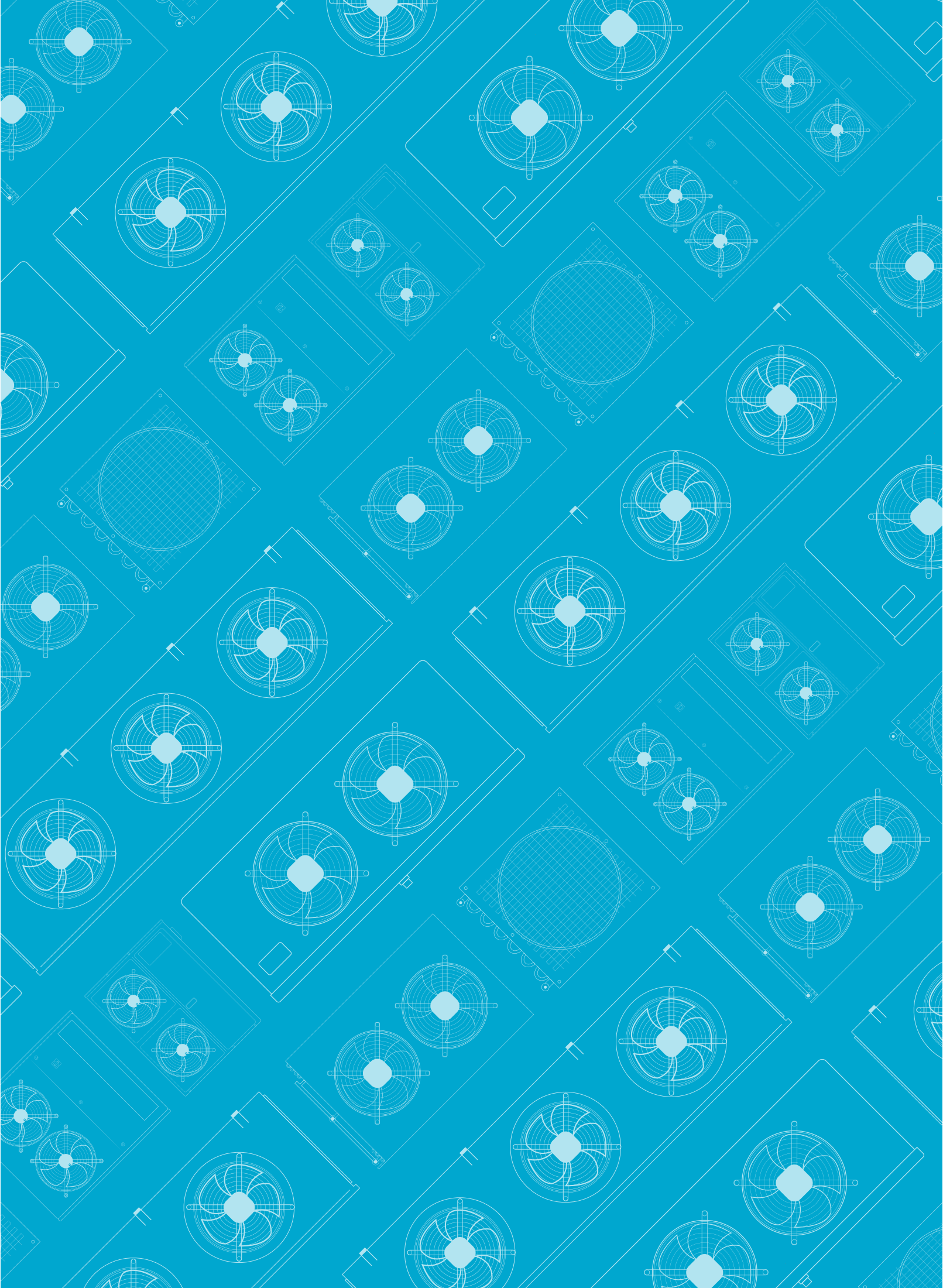


2023 HISPANIA CATALOGUE^{50Hz}

CONDENSERS & GAS COOLERS



CONDENSERS AND GAS COOLERS

CONDENSERS

- CONDENSERS: HCA & HCAS
- CONDENSERS: HCB & HCBS
- CONDENSERS: HCV
- CONDENSERS: HCH

GAS COOLERS

- GAS COOLERS: HCBS CO2

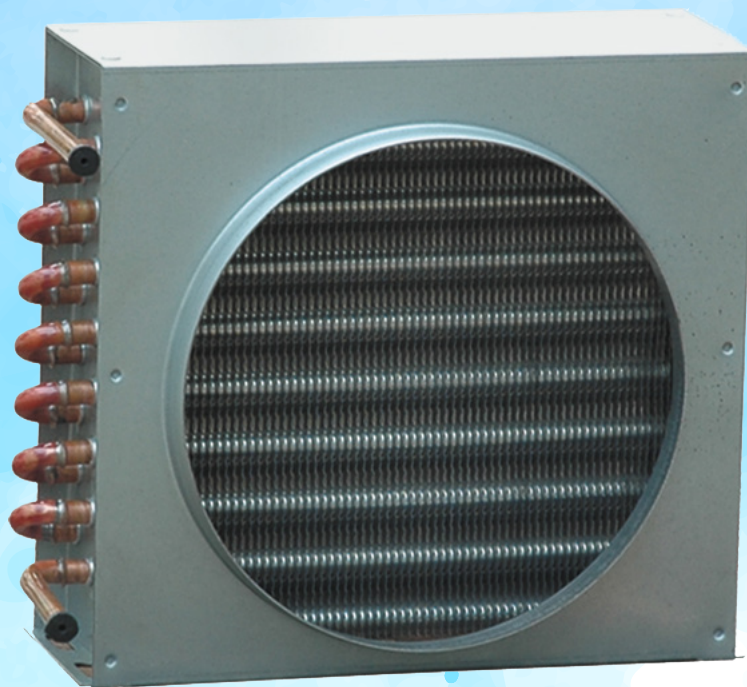
CONDENSADORES Y GAS COOLERS

CONDENSADORES

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CONDENSERS CONDENSADORES

The exchange coils used in the HCA range are highly efficient with special profile aluminum fins and $\varnothing 9.52$ mm (HCA) or $\varnothing 7$ mm (HCAS) internally grooved tubes, with a reduced internal volume to reduce the necessary refrigerant charge, meeting the needs of the different international regulations for the reduction of gases with high greenhouse effect. They are supplied clean and tested under a pressure of 30 bar.

Supported to the casing by means of a “floating” system that avoids any kind of contact between the copper tubes and the supporting end plates, assuring a long life for the condenser without leaks.

HCA SERIES CONDENSERS CONDENSADORES SERIE HCA

Los serpentines de intercambio utilizados en la gama HCA son de alta eficiencia con aletas de aluminio de perfil especial y $\varnothing 9.52$ mm (HCA) o $\varnothing 7$ mm (HCAS) tubos ranurados interiormente, con un volumen interno reducido para disminuir la carga de refrigerante necesaria, cumpliendo las necesidades de las diferentes normativas internacionales para la disminución de los gases de alto efecto invernadero. Se suministran limpias y probadas a una presión de 30 bar.

Se apoya en la carcasa mediante un sistema “flotante” que evita cualquier tipo de contacto entre los tubos de cobre y las placas terminales de soporte, asegurando una larga vida útil del condensador sin fugas.

HCA & HCAS SERIES CONDENSERS

CONDENSADORES SERIE HCA & HCAS

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

- ø200 mm: single-phase 230V/1/50 Hz with shade pole motor, with grid and short nozzle. Operating temperature -30°C to +50°C.

- ø250, 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 +50°C.

-ø450, 500, 630 mm: three-phase 400V/3/50 Hz with external rotor, with type K grid and nozzle (short mouth). Operating temperature -40°C to +50°C.

No-coated galvanized steel casing with high resistance to corrosion and impacts.

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.

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

- ø200 mm: monofásicos 230V/1/50 Hz con motor de polo sombreado, con rejilla y embocadura corta. Temperatura de funcionamiento -30°C a +50°C.

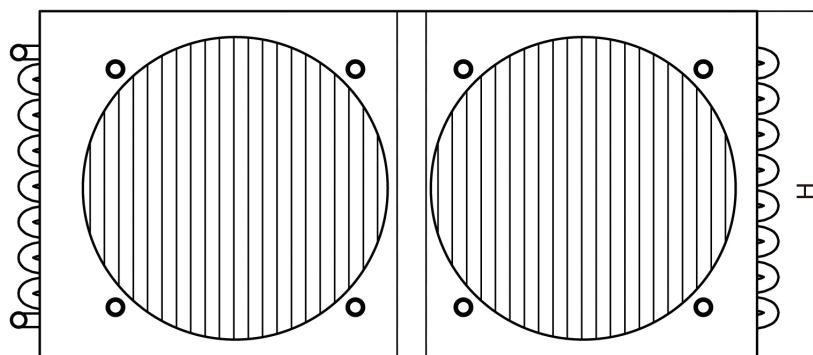
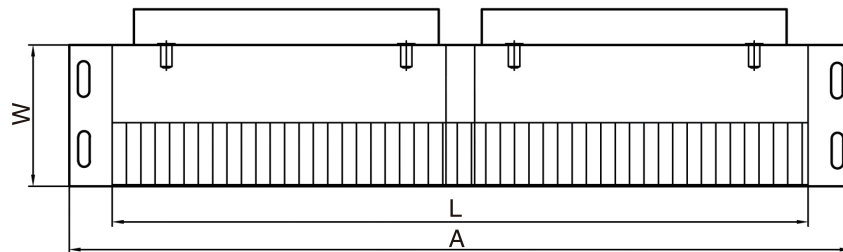
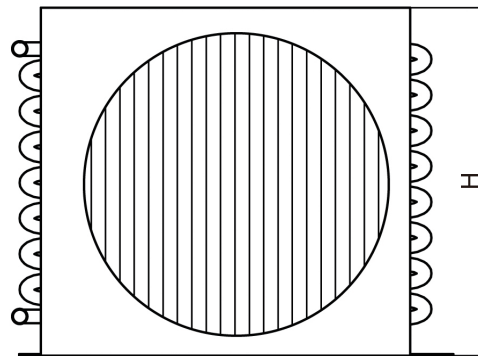
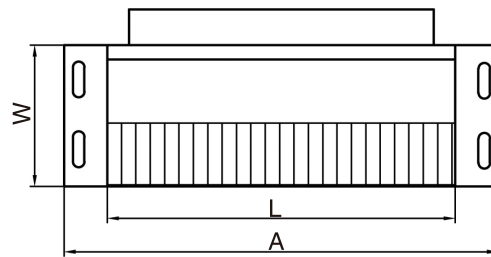
-ø250, 300, 350, 400 mm: monofásicos 230V/1/50 Hz de rotor externo, con rejilla y grilla tipo K (embocadura corta). Temperatura de funcionamiento -40°C a +50°C.

-ø450, 500, 630 mm: trifásicos 400V/3/50 Hz de rotor externo, con rejilla y grilla tipo K (embocadura corta). Temperatura de funcionamiento -40°C a +50°C.

Carcasa de acero galvanizado sin recubrimiento con alta resistencia a la corrosión y a los impactos.

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.

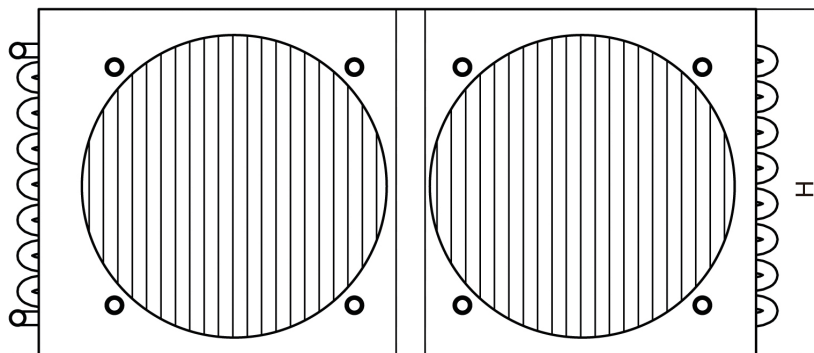
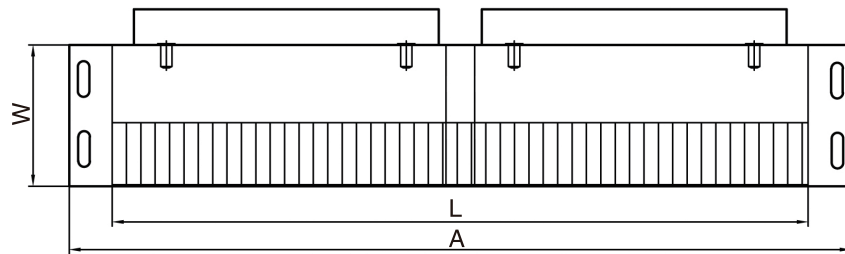
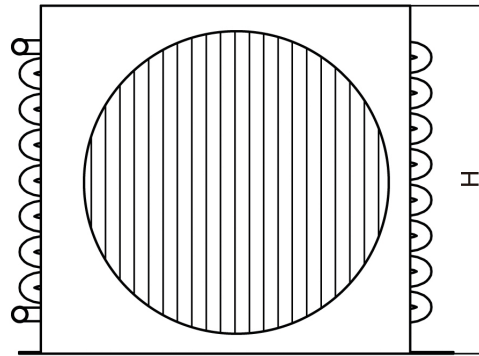
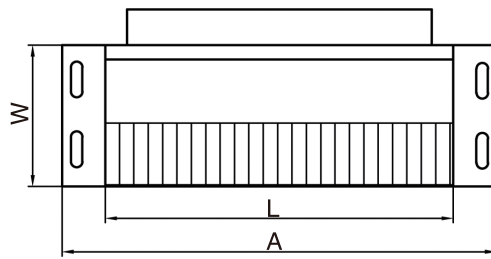


HCA & HCAS SERIES CONDENSERS

CONDENSADORES SERIE HCA & HCAS

Model / Modelo	Tubos N° Tubes N°	Capacity / Capacidad (kW)			Espacio entre aletas/ Fin Spa- cing (mm)	Superfi- cie/ Surface (m²)	Ventilador Ventilator		Dimensiones Dimension (mm)				Connection/ Conexión	
		HP	R404A	R448A/ R449A			N° x Ø (mm)	Volumen de Aire Air Flow (m3/h)	A	H	W	L	Inlet/ En- trada	Out- let/ Sali- da
			DT1=15K	DT1=15K										
HCA-82	8 × 2	1/5	0.58	0.59	3.5	1.1	1 × 200	365	280	245	100	240	3/8"	3/8"
HCA-83	8 × 3	1/4	0.77	0.77	3.5	1.7	1 × 200	321	280	245	125	240	3/8"	3/8"
HCA-84	8 × 4	1/4	0.86	0.87	3.5	2.3	1 × 200	284	280	245	150	240	3/8"	3/8"
HCA-92	9 × 2	1/4	0.87	0.88	3.5	1.5	1 × 250	568	310	285	100	270	3/8"	3/8"
HCA-93	9 × 3	1/3	1.15	1.16	3.5	2.2	1 × 250	499	310	285	125	270	3/8"	3/8"
HCA-94	9 × 4	3/8	1.32	1.33	3.5	2.9	1 × 250	453	310	285	150	270	3/8"	3/8"
HCA-103	10 × 3	1/3	1.43	1.44	3.5	3.2	1 × 250	480	310	285	125	270	3/8"	3/8"
HCA-104	10 × 4	3/8	1.43	1.44	3.5	3.2	1 × 250	480	310	285	150	270	3/8"	3/8"
HCA-114	11 × 4	1/2	1.66	1.67	3.5	3.9	1 × 250	538	340	290	150	300	3/8"	3/8"
HCA-124A	12 × 4	1/2	1.68	1.69	3.5	4.3	1 × 250	563	340	315	150	300	5/8"	1/2"
HCA-124B	12 × 4	5/8	2.95	2.98	3.5	5.0	1 × 300	1143	420	365	150	350	5/8"	1/2"
HCA-143	14 × 3	5/8	2.78	2.81	3.5	4.4	1 × 300	1322	420	365	150	350	5/8"	1/2"
HCA-144	14 × 4	5/8	3.31	3.34	3.5	5.9	1 × 300	1233	420	365	150	350	5/8"	1/2"
HCA-145	14 × 5	3/4	3.32	3.36	3.5	7.3	1 × 300	1155	420	365	175	350	3/4"	5/8"
HCA-163	16 × 3	7/8	4.53	4.58	3.5	6.2	1 × 350	2366	500	420	150	430	5/8"	1/2"
HCA-164A	16 × 4	1	5.29	5.35	3.5	8.2	1 × 350	2202	500	420	150	430	3/4"	5/8"
HCA-164B	16 × 4	1.25	6.20	6.26	3.5	8.6	1 × 400	2705	520	465	200	450	3/4"	5/8"
HCA-165	16 × 5	1.5	6.70	6.77	3.5	10.7	1 × 400	2455	520	465	200	450	3/4"	5/8"
HCA-185	18 × 5	1.75	8.11	8.19	3.5	13.4	1 × 400	2841	570	465	200	500	3/4"	5/8"
HCA-104D	10 × 4	7/8	2.87	2.89	3.5	6.4	2 × 250	960	610	285	150	540	5/8"	1/2"
HCA-114D	11 × 4	7/8	3.32	3.34	3.5	7.9	2 × 250	1075	670	290	150	600	5/8"	1/2"
HCA-124D	12 × 4	1.25	5.91	5.97	3.5	10.0	2 × 300	2285	770	365	150	700	3/4"	5/8"
HCA-100S	14 × 3	1.5	6.72	6.78	2.5	11.9	2 × 300	2533	770	365	150	700	5/8"	1/2"
HCA-150K	14 × 4	1.8	7.48	7.54	2.5	15.9	2 × 300	2334	770	365	150	700	3/4"	5/8"
HCA-200L	16 × 3	2	10.75	10.85	2.5	15.6	2 × 350	4378	870	420	150	800	5/8"	1/2"
HCA-200S	18 × 3	2.5	11.58	11.69	2.5	17.5	2 × 350	4601	870	470	200	800	5/8"	1/2"
HCA-300S	18 × 4	3	13.14	13.25	2.5	23.4	2 × 350	4275	870	470	200	800	3/4"	5/8"
HCA-400E	20 × 4	3.5	16.38	16.50	2.5	34.9	2 × 350	5056	1145	520	200	1075	1-1/8"	3/4"
HCA-400S	20 × 4	4	19.12	19.28	2.5	34.9	2 × 400	6248	1145	520	200	1075	1-1/8"	7/8"
HCA-500T	22 × 5	5	21.67	21.83	2.5	48.0	2 × 400	6145	1145	600	230	1075	1-3/8"	7/8"
HCA-500S	22 × 5	7.5	28.15	28.38	2.5	48.0	2 × 450	8705	1145	600	230	1075	1-3/8"	7/8"
HCA-600T	22 × 5	9	34.45	34.75	2.5	53.1	2 × 500	10989	1260	600	230	1190	1-3/8"	7/8"
HCA-285	28 × 5	10	40.90	41.24	2.5	67.6	2 × 500	12698	1260	742	230	1190	1-3/8"	7/8"
HCA-286	28 × 6	15	66.67	67.42	2.5	102.3	2 × 630	20153	1570	742	400	1500	1-3/8"	7/8"
HCA-346	34 × 6	20	80.11	81.00	2.5	124.2	2 × 630	24105	1615	890	400	1500	1-3/8"	7/8"

CONDENSERS/GAS COOLERS



HCA & HCAS SERIES CONDENSERS

CONDENSADORES SERIE HCA & HCAS

Model / Modelo	Tubos N° Tubes N°	Capacity / Capacidad (kW)			Espacio entre aletas/ Fin Spa- cing (mm)	Superfi- cie/ Surface (m²)	Ventilador Ventilator		Dimensiones Dimension (mm)				Connection/ Conexión	
		HP	R404A	R448A/ R449A			N° × Ø (mm)	Volumen de Aire Air Flow (m³/h)	A	H	W	L	Inlet/ En- trada	Out- let/ Sali- da
			DT1=15K	DT1=15K										
HCAS-82	8 × 2	1/5	0.57	0.57	3.5	1.2	1 × 200	352	280	245	100	240	3/8"	3/8"
HCAS-83	8 × 3	1/4	0.71	0.72	3.5	1.8	1 × 200	299	280	245	125	240	3/8"	3/8"
HCAS-84	8 × 4	1/4	0.79	0.80	3.5	2.4	1 × 200	264	280	245	150	240	3/8"	3/8"
HCAS-92	9 × 2	1/4	0.82	0.83	3.5	1.5	1 × 250	539	310	285	100	270	3/8"	3/8"
HCAS-93	9 × 3	1/3	1.06	1.07	3.5	2.3	1 × 250	471	310	285	125	270	3/8"	3/8"
HCAS-94	9 × 4	3/8	1.21	1.22	3.5	3.0	1 × 250	426	310	285	150	270	3/8"	3/8"
HCAS-103	10 × 3	1/3	1.31	1.32	3.5	3.3	1 × 250	454	310	285	125	270	3/8"	3/8"
HCAS-104	10 × 4	3/8	1.31	1.32	3.5	3.3	1 × 250	454	310	285	150	270	3/8"	3/8"
HCAS-114	11 × 4	1/2	1.50	1.51	3.5	4.1	1 × 250	509	340	290	150	300	3/8"	3/8"
HCAS-124A	12 × 4	1/2	1.57	1.58	3.5	4.5	1 × 250	534	340	315	150	300	5/8"	1/2"
HCAS-124B	12 × 4	5/8	2.70	2.72	3.5	5.2	1 × 300	1079	420	365	150	350	5/8"	1/2"
HCAS-143	14 × 3	5/8	2.58	2.60	3.5	4.5	1 × 300	1273	420	365	150	350	5/8"	1/2"
HCAS-144	14 × 4	5/8	3.02	3.05	3.5	6.1	1 × 300	1174	420	365	150	350	5/8"	1/2"
HCAS-145	14 × 5	3/4	3.15	3.19	3.5	7.6	1 × 300	1095	420	365	175	350	3/4"	5/8"
HCAS-163	16 × 3	7/8	4.18	4.22	3.5	6.4	1 × 350	2268	500	420	150	430	5/8"	1/2"
HCAS-164A	16 × 4	1	4.91	4.95	3.5	8.5	1 × 350	2102	500	420	150	430	3/4"	5/8"
HCAS-164B	16 × 4	1.25	5.61	5.66	3.5	8.9	1 × 400	2513	520	465	200	450	3/4"	5/8"
HCAS-165	16 × 5	1.5	6.09	6.14	3.5	11.1	1 × 400	2269	520	465	200	450	3/4"	5/8"
HCAS-185	18 × 5	1.75	7.42	7.48	3.5	13.9	1 × 400	2686	570	465	200	500	3/4"	5/8"
HCAS-104D	10 × 4	7/8	2.63	2.64	3.5	6.7	2 × 250	907	610	285	150	540	5/8"	1/2"
HCAS-114D	11 × 4	7/8	3.02	3.04	3.5	8.2	2 × 250	1017	670	290	150	600	5/8"	1/2"
HCAS-124D	12 × 4	1.25	5.42	5.47	3.5	10.4	2 × 300	2157	770	365	150	700	3/4"	5/8"
HCAS-100S	14 × 3	1.5	6.13	6.19	2.5	12.5	2 × 300	2414	770	365	150	700	5/8"	1/2"
HCAS-150K	14 × 4	1.8	6.05	6.11	2.5	12.4	2 × 300	2414	770	365	150	700	3/4"	5/8"
HCAS-200L	16 × 3	2	9.32	9.47	2.5	16.3	2 × 350	4164	870	420	150	800	5/8"	1/2"
HCAS-200S	18 × 3	2.5	9.92	10.10	2.5	18.3	2 × 350	4406	870	470	200	800	5/8"	1/2"
HCAS-300S	18 × 4	3	11.41	11.59	2.5	24.4	2 × 350	4031	870	470	200	800	3/4"	5/8"
HCAS-400E	20 × 4	3.5	15.16	15.27	2.5	36.5	2 × 350	4856	1145	520	200	1075	1-1/8"	3/4"
HCAS-400S	20 × 4	4	17.44	17.60	2.5	36.5	2 × 400	5959	1145	520	200	1075	1-1/8"	7/8"
HCAS-500T	22 × 5	5	20.00	20.15	2.5	50.2	2 × 400	5853	1145	600	230	1075	1-3/8"	7/8"
HCAS-500S	22 × 5	7.5	25.21	25.47	2.5	50.2	2 × 450	8131	1145	600	230	1075	1-3/8"	7/8"
HCAS-600T	22 × 5	9	30.11	30.49	2.5	55.5	2 × 500	10184	1260	600	230	1190	1-3/8"	7/8"
HCAS-285	28 × 5	10	36.44	36.87	2.5	70.7	2 × 500	11993	1260	742	230	1190	1-3/8"	7/8"
HCAS-286	28 × 6	15	53.02	54.33	2.5	106.9	2 × 630	18220	1570	742	400	1500	1-3/8"	7/8"
HCAS-346	34 × 6	20	64.40	65.99	2.5	129.8	2 × 630	22134	1615	890	400	1500	1-3/8"	7/8"

CONDENSERS/GAS COOLERS

AVAILABLE OPTIONS FOR HCA SERIES:

Copper tube options:

- Ø9.52 mm internally grooved tubes
- Ø7 mm internally grooved tubes

Casing options:

- Coated on customer's request

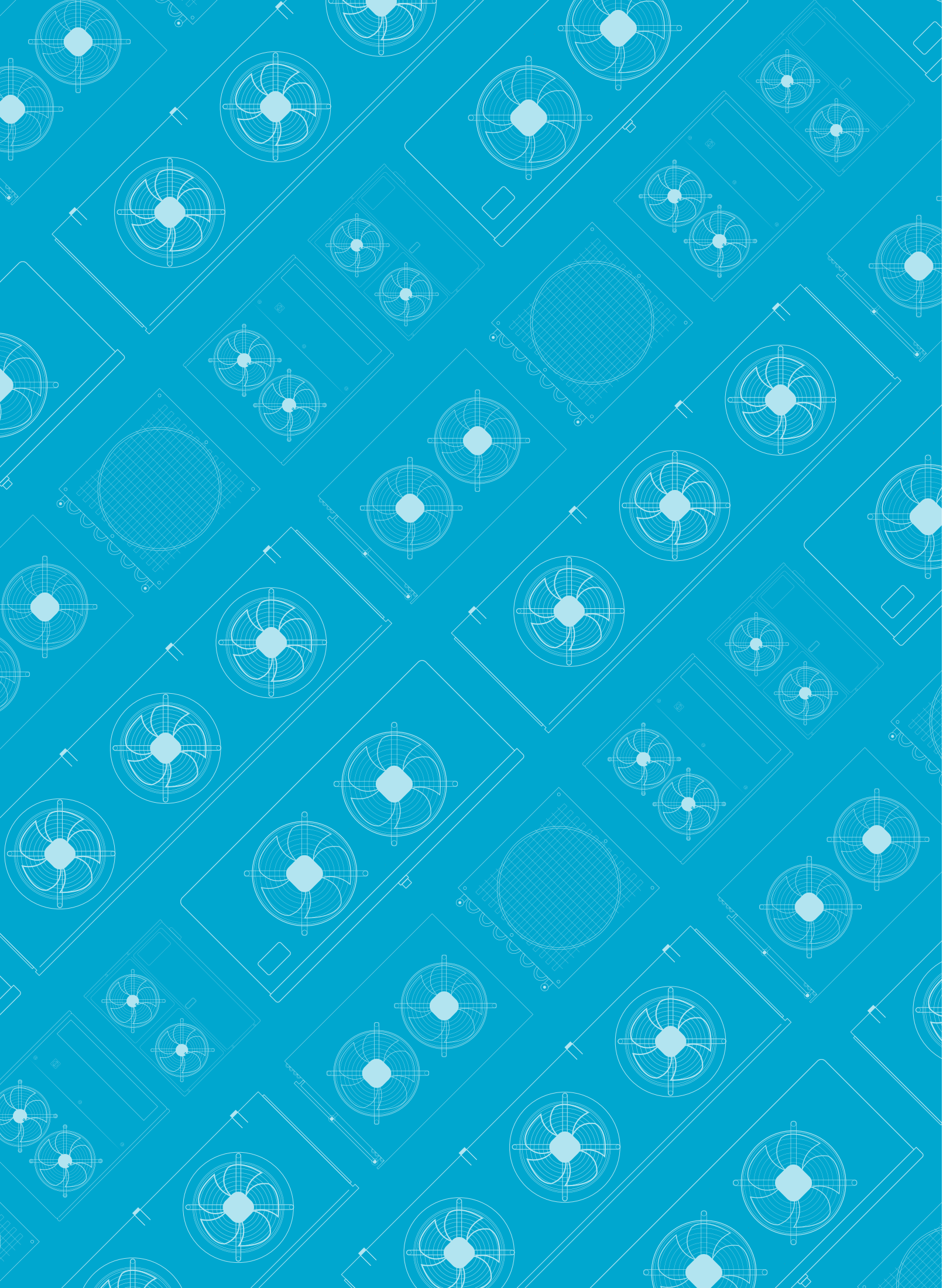
OPCIONES DISPONIBLES PARA LA SERIE HCA:

Opciones de tubo de cobre:

- Tubos ranurados internamente de Ø9,52 mm
- Tubos ranurados internamente de Ø7 mm

Opciones carcasa:

- Recubierto a petición del cliente





CONDENSERS CONDENSADORES

The exchange coils used in the HCB range are highly efficient with special profile aluminum fins and $\varnothing 9.52$ mm (HCB) or $\varnothing 7$ mm (HCBS) internally grooved tubes, with a reduced internal volume to reduce the necessary refrigerant charge, meeting the needs of the different international regulations for the reduction of gases with high greenhouse effect. They are supplied clean and tested under a pressure of 30 bar.

Supported to the casing by means of a “floating” system that avoids any kind of contact between the copper tubes and the supporting end plates, assuring a long life for the condenser without leaks.

On outdoor units, Blue Fin coating helps protect the parts from corrosion.

HCB SERIES CONDENSERS CONDENSADORES SERIE HCB

Los serpentines de intercambio utilizados en la gama HCB son de alta eficiencia con aletas de aluminio de perfil especial y $\varnothing 9.52$ mm (HCB) o $\varnothing 7$ mm (HCBS) tubos ranurados interiormente, con un volumen interno reducido para disminuir la carga de refrigerante necesaria, cumpliendo las necesidades de las diferentes normativas internacionales para la disminución de los gases de alto efecto invernadero. Se suministran limpias y probadas a una presión de 30 bar.

Se apoya en la carcasa mediante un sistema “flotante” que evita cualquier tipo de contacto entre los tubos de cobre y las placas terminales de soporte, asegurando una larga vida útil del condensador sin fugas.

En las unidades exteriores, el revestimiento de aleta azul ayuda a proteger las piezas de la corrosión.

HCB & HCBS SERIES CONDENSERS

CONDENSADORES SERIE HCB & HCBS

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

- ø200 mm: single-phase 230V/1/50 Hz with shade pole motor, with grid and short nozzle. Operating temperature -30°C to +50°C.

- ø250, 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 +50°C.

-ø450, 500, 630, 710, 800 mm: three-phase 400V/3/50 Hz with external rotor, with type K grid and nozzle (short mouth). Operating temperature -40°C to +50°C.

Black galvanized steel casing with high resistance to corrosion and impacts.

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.

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

- ø200 mm: monofásicos 230V/1/50 Hz con motor de polo sombreado, con rejilla y embocadura corta. Temperatura de funcionamiento -30°C a +50°C.

-ø250, 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 +50°C.

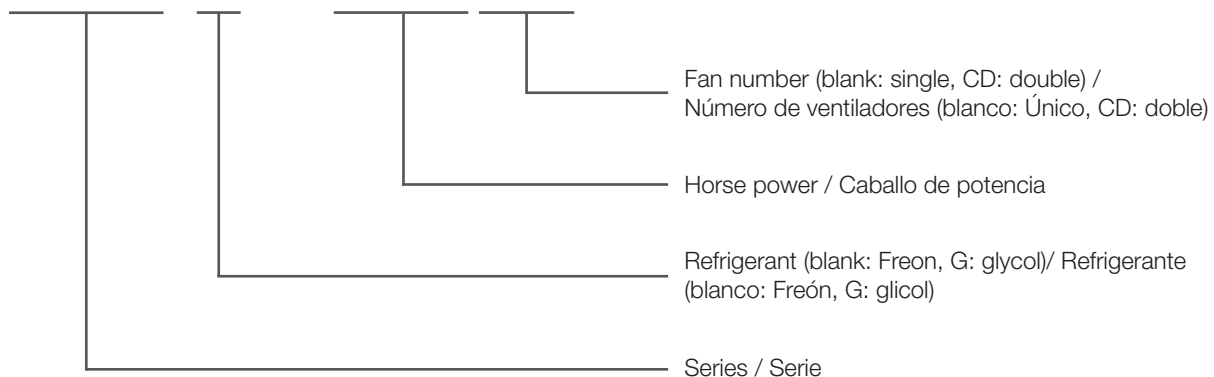
-ø450, 500, 630, 710, 800 mm: trifásicos 400V/3/50 Hz de rotor externo, con rejilla y grilla tipo K (embocadura corta). Temperatura de funcionamiento -40°C a +50°C.

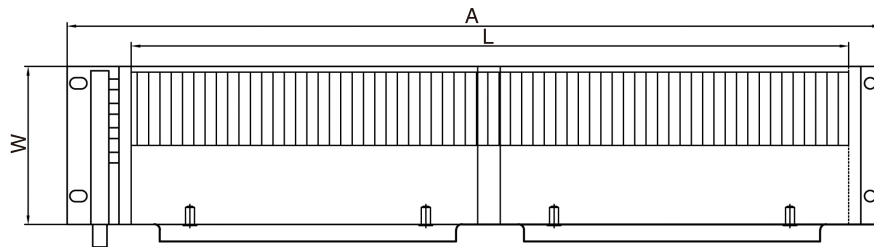
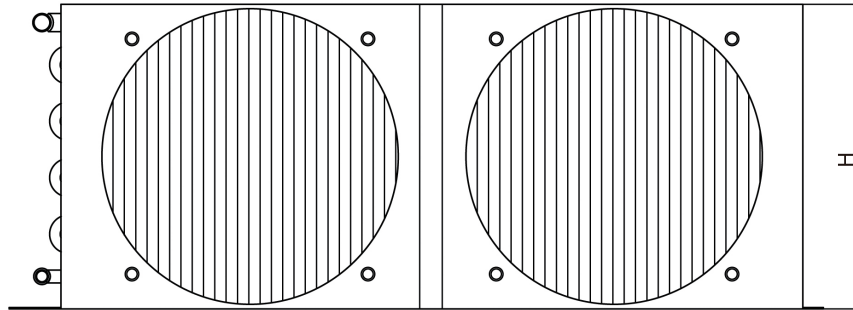
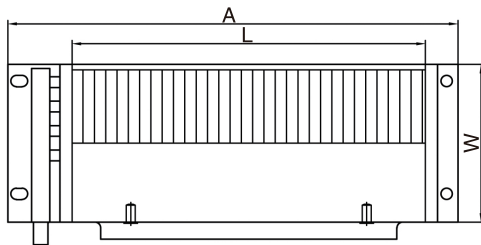
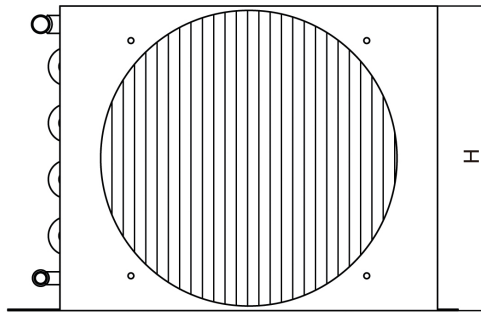
Carcasa de acero galvanizado negro con alta resistencia a la corrosión y a los impactos.

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.

HCB G - 1HPCD



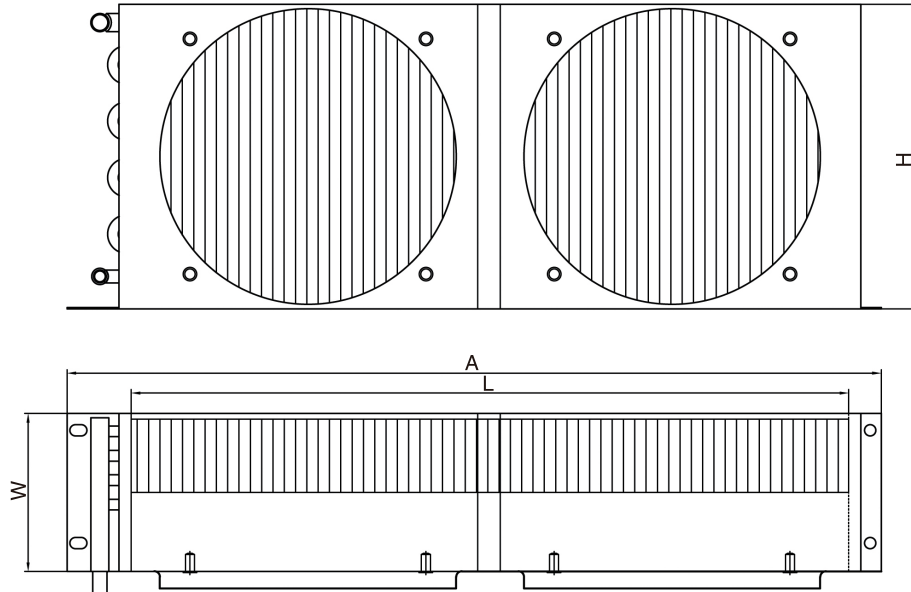
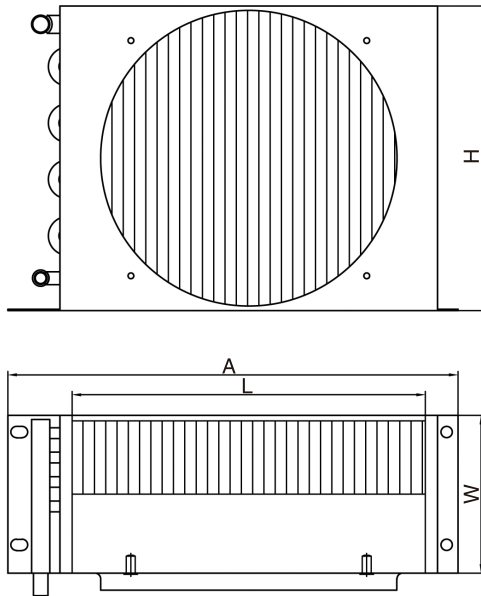


HCB & HCBS SERIES CONDENSERS

CONDENSADORES SERIE HCB & HCBS

Model / Modelo	Tubos N° Tubes N°	Capacity / Capacidad (kW)		Espacio entre aletas/ Fin Spa- cing (mm)	Superfi- cie/ Surface (m ²)	Ventilador Ventilator		Dimensiones Dimension (mm)				Connection/ Conexión	
		R404A	R448A/ R449A			N° × Ø (mm)	Volumen de Aire Air Flow (m ³ /h)	A	H	W	L	Inlet/ En- trada	Out- let/ Sali- da
		DT1=15K	DT1=15K										
HCB-1/4HP	2 × 11	1.38	1.39	3.17	2.2	1 × 250	817	360	281	102	300	3/8"	3/8"
HCB-1/3HP	3 × 10	1.60	1.62	3.17	2.9	1 × 250	657	380	270	120	300	3/8"	3/8"
HCB-1/2HP	4 × 10	1.62	1.64	3.17	3.8	1 × 250	565	380	270	140	290	3/8"	3/8"
HCB-3/4HP	4 × 12	3.08	3.11	3.17	5.5	1 × 300	1123	450	370	152	350	3/8"	3/8"
HCB-1HP	4 × 14	3.77	3.80	3.17	7.3	1 × 300	1289	490	370	152	400	1/2"	3/8"
HCB-1.5HP	4 × 16	6.40	6.46	3.17	10.4	1 × 350	2313	600	422	182	500	1/2"	3/8"
HCB-2HP	4 × 18	8.70	8.81	3.17	14.1	1 × 400	3225	690	473	182	600	1/2"	3/8"
HCB-2.5HP	5 × 18	9.69	9.77	3.17	17.6	1 × 400	3054	710	473	200	600	5/8"	1/2"
HCB-3HP	6 × 18	10.17	10.26	3.17	21.2	1 × 400	2900	710	473	234	600	5/8"	1/2"
HCB-4HP	6 × 22	11.49	11.58	3.17	25.9	1 × 400	3178	710	575	234	600	5/8"	1/2"
HCB-5HP	4 × 30	18.31	18.55	2.83	34.8	1 × 450	6153	910	780	215	800	5/8"	1/2"
HCB-1HPCD	4 × 10	2.23	2.25	3.17	6.5	2 × 200	667	590	270	140	500	3/8"	3/8"
HCB-1.5HPCD	4 × 11	4.21	4.24	3.17	9.5	2 × 250	1334	737	305	140	660	1/2"	3/8"
HCB-2HPCD	4 × 12	6.96	7.02	3.17	12.5	2 × 300	2401	900	370	152	800	1/2"	3/8"
HCB-3HPCD	4 × 16	13.48	13.59	2.83	23.2	2 × 350	4549	1110	420	182	1000	5/8"	1/2"
HCB-4HPCD	4 × 20	15.27	15.41	2.83	29.0	2 × 350	4988	1110	525	182	1000	5/8"	1/2"
HCB-5HPCD	4 × 24	19.25	19.52	2.83	34.8	2 × 400	6603	1110	625	195	1000	5/8"	1/2"
HCB-6HPCD	4 × 26	21.25	21.63	2.83	45.2	2 × 400	7161	1310	680	195	1200	5/8"	1/2"
HCB-7.5HPCD	4 × 32	33.66	34.00	2.83	55.6	2 × 450	11642	1310	830	215	1200	7/8"	5/8"
HCB-10HPCD	4 × 32	44.80	45.53	2.83	74.2	2 × 500	16249	1710	830	230	1600	1-1/8"	7/8"
HCB-12HPCD	4 × 36	70.73	71.80	2.83	83.4	2 × 630	29531	1710	928	230	1600	1-1/8"	7/8"
HCB-15HPCD	4 × 36	74.98	76.26	2.83	93.9	2 × 630	30927	1910	928	230	1800	1-1/8"	7/8"
HCB-18HPCD	4 × 36	65.44	66.38	2.54	103.2	3 × 500	23823	2090	928	230	1980	1-1/8"	7/8"
HCB-20HPCD	4 × 42	71.87	72.44	2.83	121.7	2 × 710	24329	2110	1075	227	2044	1-3/8"	1-1/8"
HCB-25HPCD	4 × 42	75.07	75.67	2.83	133.8	2 × 710	24873	2310	1075	227	2200	1-3/8"	1-1/8"
HCB-30HPCD	5 × 42	82.11	82.83	2.83	167.3	2 × 710	24106	2310	1075	227	2200	1-5/8"	1-3/8"
HCB-35HPCD	5 × 48	123.28	124.17	2.54	240.0	2 × 800	35834	2580	1230	350	2500	1-5/8"	1-3/8"
HCB-40HPCD	6 × 48	127.83	128.76	2.54	288.0	2 × 800	34602	2580	1230	350	2500	1-5/8"	1-3/8"
HCB-45HPCD	5 × 48	182.68	184.60	2.54	360.0	3 × 800	53751	3830	1230	350	3750	2-1/8"	1-5/8"
HCB-50HPCD	6 × 48	195.47	196.64	2.54	432.0	3 × 800	51903	3830	1230	350	3750	2-5/8"	2-1/8"

CONDENSERS/GAS COOLERS



HCB & HCBS SERIES CONDENSERS

CONDENSADORES SERIE HCB & HCBS

Model / Modelo	Tubos N° Tubes N°	Capacity / Capacidad (kW)		Espacio entre aletas/ Fin Spa- cing (mm)	Superfi- cie/ Surface (m ²)	Ventilador Ventilator		Dimensiones Dimension (mm)				Connection/ Conexión	
		R404A	R448A/ R449A			N° × Ø (mm)	Volumen de Aire Air Flow (m ³ /h)	A	H	W	L	Inlet/ En- trada	Out- let/ Sali- da
		DT1=15K	DT1=15K										
HCBS-1/4HP	2 × 11	1.27	1.28	3.17	2.2	1 × 250	775	360	281	102	300	3/8"	3/8"
HCBS-1/3HP	3 × 10	1.45	1.46	3.17	3.1	1 × 250	609	380	270	120	300	3/8"	3/8"
HCBS-1/2HP	4 × 10	1.51	1.52	3.17	3.9	1 × 250	525	380	270	140	290	3/8"	3/8"
HCBS-3/4HP	4 × 12	2.81	2.84	3.17	5.7	1 × 300	1053	450	370	152	350	3/8"	3/8"
HCBS-1HP	4 × 14	3.44	3.47	3.17	7.6	1 × 300	1231	490	370	152	400	1/2"	3/8"
HCBS-1.5HP	4 × 16	5.52	5.61	3.17	10.9	1 × 350	2216	600	422	182	500	1/2"	3/8"
HCBS-2HP	4 × 18	6.95	7.16	3.17	14.7	1 × 400	3097	690	473	182	600	1/2"	3/8"
HCBS-2.5HP	5 × 18	8.30	8.45	3.17	18.3	1 × 400	2909	710	473	200	600	5/8"	1/2"
HCBS-3HP	6 × 18	9.28	9.35	3.17	22.0	1 × 400	2752	710	473	234	600	5/8"	1/2"
HCBS-4HP	6 × 22	10.49	10.58	3.17	26.9	1 × 400	3042	710	575	234	600	5/8"	1/2"
HCBS-5HP	4 × 30	14.56	15.05	2.83	36.2	1 × 450	6010	910	780	215	800	5/8"	1/2"
HCBS-1HPCD	4 × 10	2.05	2.07	3.17	6.8	2 × 200	624	590	270	140	500	3/8"	3/8"
HCBS-1.5HPCD	4 × 11	3.73	3.76	3.17	9.9	2 × 250	1236	737	305	140	660	1/2"	3/8"
HCBS-2HPCD	4 × 12	5.89	6.00	3.17	13.0	2 × 300	2282	900	370	152	800	1/2"	3/8"
HCBS-3HPCD	4 × 16	11.73	11.92	2.83	24.1	2 × 350	4355	1110	420	182	1000	5/8"	1/2"
HCBS-4HPCD	4 × 20	12.87	13.15	2.83	30.2	2 × 350	4786	1110	525	182	1000	5/8"	1/2"
HCBS-5HPCD	4 × 24	17.86	18.04	2.83	36.2	2 × 400	6360	1110	625	195	1000	5/8"	1/2"
HCBS-6HPCD	4 × 26	20.69	20.85	2.83	47.1	2 × 400	6956	1310	680	195	1200	5/8"	1/2"
HCBS-7.5HPCD	4 × 32	30.77	31.03	2.83	58.0	2 × 450	11287	1310	830	215	1200	7/8"	5/8"
HCBS-10HPCD	4 × 32	41.93	42.42	2.83	77.3	2 × 500	15742	1710	830	230	1600	1-1/8"	7/8"
HCBS-12HPCD	4 × 36	62.23	63.29	2.83	86.9	2 × 630	28264	1710	928	230	1600	1-1/8"	7/8"
HCBS-15HPCD	4 × 36	66.10	67.36	2.83	97.8	2 × 630	29722	1910	928	230	1800	1-1/8"	7/8"
HCBS-18HPCD	4 × 36	58.58	59.58	2.54	107.6	3 × 500	23021	2090	928	230	1980	1-1/8"	7/8"
HCBS-20HPCD	4 × 42	63.54	64.52	2.83	126.8	2 × 710	23687	2110	1075	227	2044	1-3/8"	1-1/8"
HCBS-25HPCD	4 × 42	65.85	66.98	2.83	139.5	2 × 710	24289	2310	1075	227	2200	1-3/8"	1-1/8"
HCBS-30HPCD	5 × 42	69.77	71.32	2.83	174.3	2 × 710	23440	2310	1075	227	2200	1-5/8"	1-3/8"
HCBS-35HPCD	5 × 48	110.42	111.90	2.54	250.7	2 × 800	34682	2580	1230	350	2500	1-5/8"	1-3/8"
HCBS-40HPCD	6 × 48	119.27	120.13	2.54	300.9	2 × 800	33053	2580	1230	350	2500	1-5/8"	1-3/8"
HCBS-45HPCD	5 × 48	149.32	153.44	2.54	376.1	3 × 800	52023	3830	1230	350	3750	2-1/8"	1-5/8"
HCBS-50HPCD	6 × 48	176.23	178.15	2.54	451.3	3 × 800	49580	3830	1230	350	3750	2-5/8"	2-1/8"

CONDENSERS/GAS COOLERS

AVAILABLE OPTIONS FOR HCB SERIES:

Copper tube options:

- Ø9.52 mm internally grooved tubes
- Ø7 mm internally grooved tubes

Casing options:

- Coated on customer's request

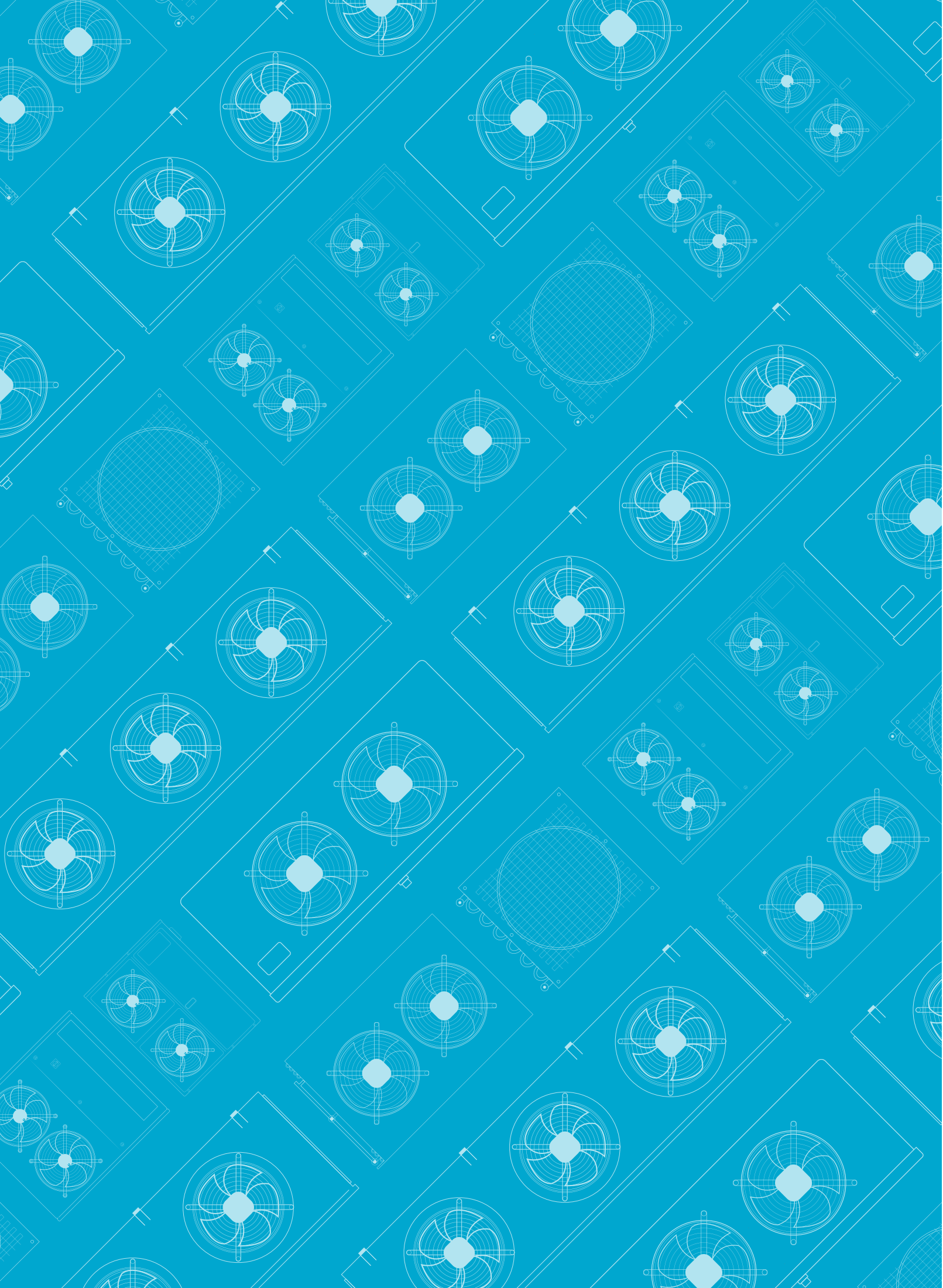
OPCIONES DISPONIBLES PARA LA SERIE HCB:

Opciones de tubo de cobre:

- Tubos ranurados internamente de Ø9,52 mm
- Tubos ranurados internamente de Ø7 mm

Opciones carcasa:

- Recubierto a petición del cliente





CONDENSERS CONDENSADORES

The exchange coils used in the HCV range are highly efficient with special profile aluminum fins and $\varnothing 9.52$ mm internally grooved tubes, with a reduced internal volume to reduce the necessary refrigerant charge, meeting the needs of the different international regulations for the reduction of gases with high greenhouse effect. They are supplied clean and tested under a pressure of 30 bar.

Supported to the casing by means of a “floating” system that avoids any kind of contact between the copper tubes and the supporting end plates, assuring a long life for the condenser without leaks.

On outdoor units, Blue Fin coating helps protect the parts from corrosion.

HCV SERIES CONDENSERS CONDENSADORES SERIE HCV

Los serpentines de intercambio utilizados en la gama HCV son de alta eficiencia con aletas de aluminio de perfil especial y $\varnothing 9.52$ mm tubos ranurados interiormente, con un volumen interno reducido para disminuir la carga de refrigerante necesaria, cumpliendo las necesidades de las diferentes normativas internacionales para la disminución de los gases de alto efecto invernadero. Se suministran limpias y probadas a una presión de 30 bar.

Se apoya en la carcasa mediante un sistema “flotante” que evita cualquier tipo de contacto entre los tubos de cobre y las placas terminales de soporte, asegurando una larga vida útil del condensador sin fugas.

En las unidades exteriores, el revestimiento de aleta azul ayuda a proteger las piezas de la corrosión.

HCV SERIES CONDENSERS

CONDENSADORES SERIE HCV

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

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

-ø800 mm: three-phase 400V/3/50 Hz with external rotor, with ZN-type grille and nozzle (long mouth). Operating temperature -40°C to +50°C.

White coated galvanized steel casing with high resistance to corrosion and impacts.

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.

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

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

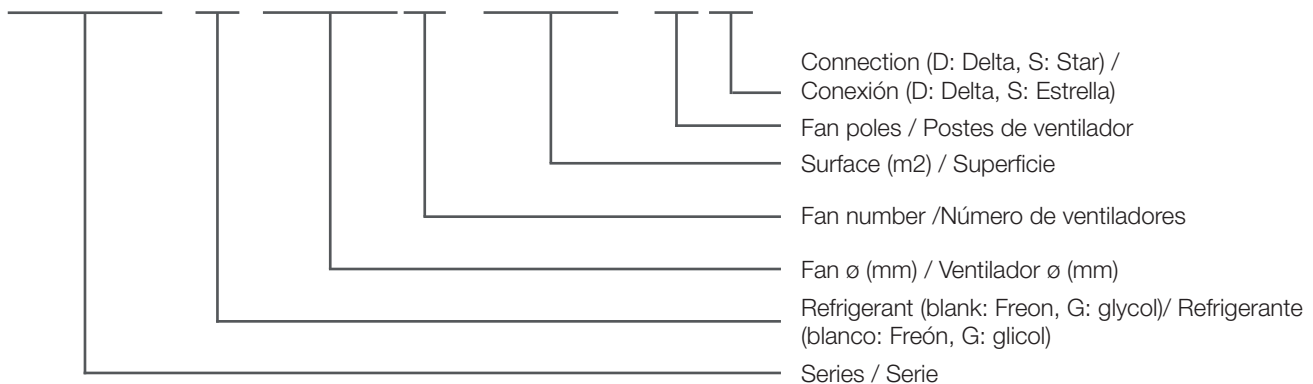
-ø800 mm: trifásicos 400V/3/50 Hz de rotor externo, con baffle y rejilla tipo ZN (embocadura larga). Temperatura de funcionamiento -40°C a +50°C.

Carcasa de acero galvanizado con recubrimiento blanco con alta resistencia a la corrosión y a los impactos.

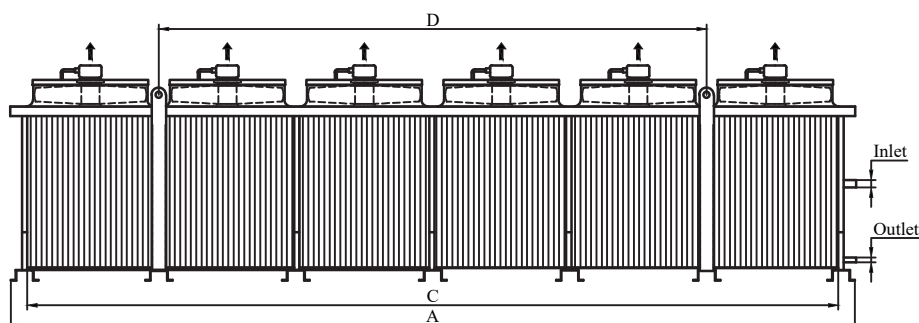
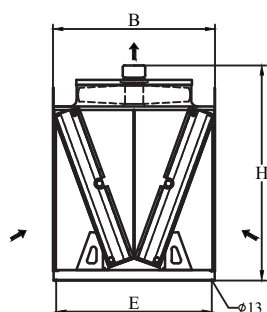
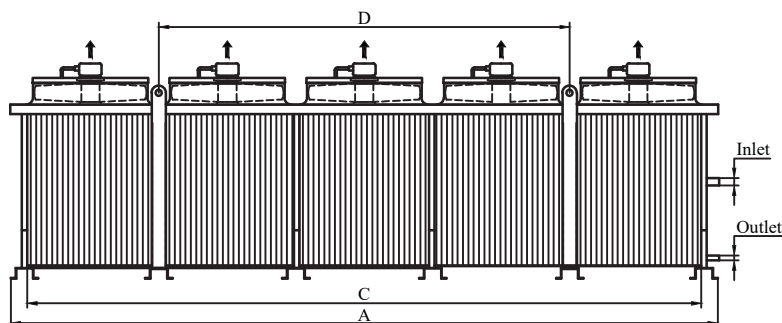
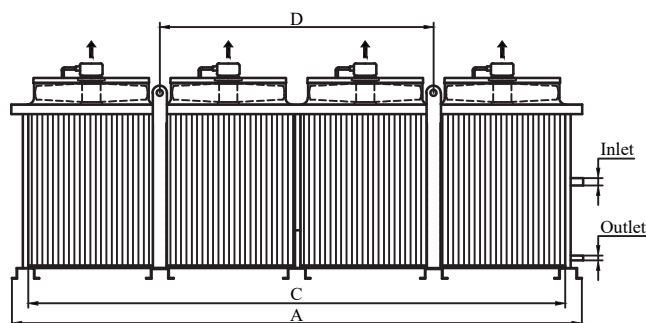
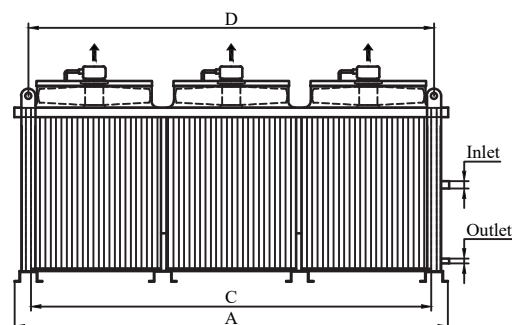
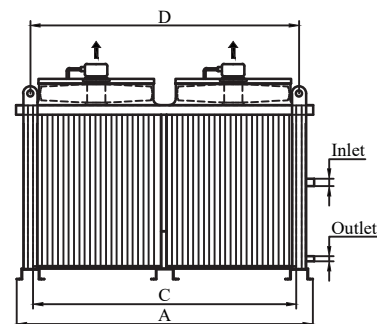
Para trabajos con distintos rendimientos a los de este catálogo utilice el software "Unit Selector Hybrid HISPANIA".

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

HCV G 6303-309-4D



Model / Model	Dimensions / Dimensiones (mm)					
	A	B	C	D	E	H
HCV 5002...	1446	781	1320	1350	720	859
HCV 5003...	2121	781	1995	2025	720	859
HCV 5004...	2796	781	2670	2700	720	859
HCV 5005...	3471	781	3345	3375	720	859
HCV 5006...	4146	781	4020	4050	720	859
HCV 6302...	1694	912	1500	1540	865	1210
HCV 6303...	2464	912	2270	2310	865	1210
HCV 6304...	3234	912	3040	3080	865	1210
HCV 6305...	4004	912	3810	3850	865	1210
HCV 6306...	4774	912	4580	4620	865	1210
HCV 8002...	2256	1150	2070	2100	1113	1435
HCV 8003...	3306	1150	3120	3150	1113	1435
HCV 8004...	4356	1150	4170	4200	1113	1435
HCV 8005...	5406	1150	5220	5250	1113	1435
HCV 8006...	6456	1150	6270	6300	1113	1435



HCV SERIES CONDENSERS

CONDENSADORES SERIE HCV

Model / Modelo	Capacity / Capacidad (kW)		Sound Pressure Level	Espacio entre aletas/ Fin Spacing (mm)	Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Ventilador Ventilator					Connection/ Conexión (ø mm)		N.W/ Peso Neto (kg)
	R404A	R448A/ R449A	dist=10m				N° x Ø (mm)	Pole connection Conexión de polos	Power/ Potencia (W)	Current/ Intensidad (A)	Volumen de Aire Air Flow (m3/h)	Inlet/ Entrada	Outlet/ Salida	
	DT1=15K	DT1=15K	dBA											
HCV 5002 121-4D	51.32	51.71	54	2.1	121.0	16.0	2 × 630	4P-Δ	1300	2.3	14583	2×28	2×22	161
HCV 5002 151-4D	55.18	55.51	54	2.1	151.3	20.0	2 × 630	4P-Δ	1300	2.3	14168	2×28	2×22	161
HCV 5003 182-4D	77.27	77.83	55	2.1	182.9	24.2	3 × 630	4P-Δ	1950	3.5	21889	2×28	2×22	233
HCV 5003 227-4D	83.08	83.57	55	2.1	228.7	30.2	3 × 630	4P-Δ	1950	3.5	21283	2×28	2×22	233
HCV 5004 242-4D	102.29	103.27	60	2.1	244.8	32.3	4 × 630	4P-Δ	2600	4.6	29209	2×35	2×28	304
HCV 5004 303-4D	110.35	111.2	60	2.1	306.0	40.4	4 × 630	4P-Δ	2600	4.6	28399	2×35	2×28	304
HCV 5005 303-4D	128.62	129.71	62	2.1	306.7	40.5	5 × 630	4P-Δ	3250	5.8	36529	2×35	2×28	374
HCV 5005 378-4D	138.53	139.51	62	2.1	383.4	50.6	5 × 630	4P-Δ	3250	5.8	35514	2×35	2×28	374
HCV 5006 363-4D	155.21	156.32	65	2.1	368.6	48.7	6 × 630	4P-Δ	3900	6.9	43849	2×35	2×28	445
HCV 5006 454-4D	166.38	167.55	65	2.1	460.8	60.8	6 × 630	4P-Δ	3900	6.9	42630	2×35	2×28	445

Model / Modelo	Capacity / Capacidad (kW)		Sound Pressure Level	Espacio entre aletas/ Fin Spacing (mm)	Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Ventilador Ventilator					Connection/ Conexión (ø mm)		N.W/ Peso Neto (kg)
	R404A	R448A/ R449A	dist=10m				N° x Ø (mm)	Pole connection Conexión de polos	Power/ Potencia (W)	Current/ Intensidad (A)	Volumen de Aire Air Flow (m3/h)	Inlet/ Entrada	Outlet/ Salida	
	DT1=15K	DT1=15K	dBA											
HCV 6302 206-4D	86.07	86.75	55	2.1	206.3	27.2	2 × 630	4P-Δ	2200	4.4	24362	2×28	2×22	242
HCV 6302 206-4S	70.34	70.8	52	2.1	206.3	27.2	2 × 630	4P-Y	1300	2.5	18712	2×28	2×22	242
HCV 6302 206-6D	76.91	77.45	48	2.1	206.3	27.2	2 × 630	6P-Δ	1452	3.5	20995	2×28	2×22	242
HCV 6302 206-6S	67.69	68.07	45	2.1	206.3	27.2	2 × 630	6P-Y	1114	1.9	17817	2×28	2×22	242
HCV 6302 258-4D	93.42	94.05	55	2.1	257.9	34.0	2 × 630	4P-Δ	2200	4.4	23954	2×28	2×22	261
HCV 6302 258-4S	74.55	74.91	52	2.1	257.9	34.0	2 × 630	4P-Y	1300	2.5	18144	2×28	2×22	261
HCV 6302 258-6D	82.08	82.52	48	2.1	257.9	34.0	2 × 630	6P-Δ	1452	3.5	20396	2×28	2×22	261
HCV 6302 258-6S	71.49	71.86	45	2.1	257.9	34.0	2 × 630	6P-Y	1114	1.9	17267	2×28	2×22	261
HCV 6303 309-4D	129.31	130.31	56	2.1	309.5	40.9	3 × 630	4P-Δ	3300	6.6	36543	2×35	2×22	349
HCV 6303 309-4S	105.63	106.3	53	2.1	309.5	40.9	3 × 630	4P-Y	1950	3.8	28068	2×35	2×22	349
HCV 6303 309-6D	115.51	116.31	49	2.1	309.5	40.9	3 × 630	6P-Δ	2178	5.2	31492	2×35	2×22	349
HCV 6303 309-6S	101.63	102.25	46	2.1	309.5	40.9	3 × 630	6P-Y	1671	2.9	26726	2×35	2×22	349
HCV 6303 387-4D	139.02	140.2	56	2.1	386.9	51.1	3 × 630	4P-Δ	3300	6.6	35930	2×35	2×22	377
HCV 6303 387-4S	111.43	112.14	53	2.1	386.9	51.1	3 × 630	4P-Y	1950	3.8	27216	2×35	2×22	377
HCV 6303 387-6D	122.5	123.37	49	2.1	386.9	51.1	3 × 630	6P-Δ	2178	5.2	30593	2×35	2×22	377
HCV 6303 387-6S	106.98	107.63	46	2.1	386.9	51.1	3 × 630	6P-Y	1671	2.9	25900	2×35	2×22	377
HCV 6304 415-4D	172.89	174.21	64	2.1	415.4	54.8	4 × 630	4P-Δ	4400	8.8	48754	2×42	2×28	456
HCV 6304 415-4S	141.28	142.17	61	2.1	415.4	54.8	4 × 630	4P-Y	2600	5.0	37479	2×42	2×28	456
HCV 6304 415-6D	154.49	155.55	57	2.1	415.4	54.8	4 × 630	6P-Δ	2904	7.0	42045	2×42	2×28	456
HCV 6304 415-6S	135.92	136.75	54	2.1	415.4	54.8	4 × 630	6P-Y	2228	3.9	35686	2×42	2×28	456
HCV 6304 519-4D	187.61	188.84	64	2.1	519.2	68.6	4 × 630	4P-Δ	4400	8.8	47964	2×42	2×28	493
HCV 6304 519-4S	149.63	150.35	61	2.1	519.2	68.6	4 × 630	4P-Y	2600	5.0	36343	2×42	2×28	493
HCV 6304 519-6D	164.81	165.68	57	2.1	519.2	68.6	4 × 630	6P-Δ	2904	7.0	40854	2×42	2×28	493
HCV 6304 519-6S	143.52	144.24	54	2.1	519.2	68.6	4 × 630	6P-Y	2228	3.9	34591	2×42	2×28	493
HCV 6305 521-4D	213.85	216.02	65	2.1	521.3	68.8	5 × 630	4P-Δ	5500	11.0	60965	2×54	2×35	561
HCV 6305 521-4S	175.81	177.16	62	2.1	521.3	68.8	5 × 630	4P-Y	3250	6.3	46890	2×54	2×35	561
HCV 6305 521-6D	191.81	193.48	58	2.1	521.3	68.8	5 × 630	6P-Δ	3630	8.7	52598	2×54	2×35	561
HCV 6305 521-6S	169.28	170.52	55	2.1	521.3	68.8	5 × 630	6P-Y	2785	4.9	44646	2×54	2×35	561
HCV 6305 652-4D	232.86	234.79	65	2.1	651.6	86.0	5 × 630	4P-Δ	5500	11.0	59997	2×54	2×35	607
HCV 6305 652-4S	186.6	187.76	62	2.1	651.6	86.0	5 × 630	4P-Y	3250	6.3	45469	2×54	2×35	607
HCV 6305 652-6D	205.2	206.62	58	2.1	651.6	86.0	5 × 630	6P-Δ	3630	8.7	51115	2×54	2×35	607
HCV 6305 652-6S	179.18	180.24	55	2.1	651.6	86.0	5 × 630	6P-Y	2785	4.9	43282	2×54	2×35	607
HCV 6306 627-4D	260.06	262.02	66	2.1	627.2	82.8	6 × 630	4P-Δ	6600	13.2	73176	2×54	2×35	667
HCV 6306 627-4S	212.57	213.9	63	2.1	627.2	82.8	6 × 630	4P-Y	3900	7.5	56300	2×54	2×35	667
HCV 6306 627-6D	232.47	234.04	59	2.1	627.2	82.8	6 × 630	6P-Δ	4356	10.4	63151	2×54	2×35	667
HCV 6306 627-6S	204.5	205.73	56	2.1	627.2	82.8	6 × 630	6P-Y	3342	5.8	53606	2×54	2×35	667
HCV 6306 784-4D	282.23	284.03	66	2.1	784.0	103.5	6 × 630	4P-Δ	6600	13.2	72029	2×54	2×35	722
HCV 6306 784-4S	225.08	226.15	63	2.1	784.0	103.5	6 × 630	4P-Y	3900	7.5	54596	2×54	2×35	722
HCV 6306 784-6D	247.95	249.24	59	2.1	784.0	103.5	6 × 630	6P-Δ	4356	10.4	61376	2×54	2×35	722
HCV 6306 784-6S	215.9	216.98	56	2.1	784.0	103.5	6 × 630	6P-Y	3342	5.8	51973	2×54	2×35	722

HCV SERIES CONDENSERS

CONDENSADORES SERIE HCV

Model / Modelo	Capacity / Capacidad (kW)		Sound Pressure Level	Espacio entre aletas/ Fin Spacing (mm)	Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Ventilador Ventilator					Connection/ Conexión (ø mm)		N.W/ Peso Neto (kg)
	R404A	R448A/ R449A	dist=10m				N° x Ø (mm)	Pole connection Conexión de polos	Power/ Potencia (W)	Current/ Intensidad (A)	Volumen de Aire Air Flow (m3/h)	Inlet/ Entrada	Outlet/ Salida	
	DT1=15K	DT1=15K	dBA											
HCV 8002 358-6D	140.57	141.62	51	2.1	332.2	43.9	2 × 800	6P-Δ	3200	7.0	39845	2×42	2×28	358
HCV 8002 358-6S	109.11	109.72	42	2.1	332.2	43.9	2 × 800	6P-Y	1600	3.1	28711	2×42	2×28	358
HCV 8002 448-6D	150.81	151.96	51	2.1	415.2	54.8	2 × 800	6P-Δ	3200	7.0	38857	2×42	2×28	387
HCV 8002 448-6S	114.93	115.51	42	2.1	415.2	54.8	2 × 800	6P-Y	1600	3.1	27756	2×42	2×28	387
HCV 8003 538-6D	211	212.68	53	2.1	500.7	66.1	3 × 800	6P-Δ	4800	10.5	59816	2×54	2×35	520
HCV 8003 538-6S	164.12	165.13	44	2.1	500.7	66.1	3 × 800	6P-Y	2400	4.7	43116	2×54	2×35	520
HCV 8003 673-6D	227.69	229.22	53	2.1	625.8	82.6	3 × 800	6P-Δ	4800	10.5	58347	2×54	2×35	564
HCV 8003 673-6S	173.05	173.86	44	2.1	625.8	82.6	3 × 800	6P-Y	2400	4.7	41689	2×54	2×35	564
HCV 8004 721-6D	282.29	284.34	54	2.1	669.2	88.3	4 × 800	6P-Δ	6400	14.0	79787	2×54	2×35	677
HCV 8004 721-6S	219.05	220.25	45	2.1	669.2	88.3	4 × 800	6P-Y	3200	6.2	57520	2×54	2×35	677
HCV 8004 901-6D	298.92	301.89	54	2.1	836.5	110.4	4 × 800	6P-Δ	6400	14.0	77838	2×54	2×35	736
HCV 8004 901-6S	229.24	230.77	45	2.1	836.5	110.4	4 × 800	6P-Y	3200	6.2	55622	2×54	2×35	736
HCV 8005 902-6D	350.8	353.93	55	2.1	837.7	110.6	5 × 800	6P-Δ	8000	17.5	99759	2×67	2×42	834
HCV 8005 902-6S	273.62	275.43	46	2.1	837.7	110.6	5 × 800	6P-Y	4000	7.8	71924	2×67	2×42	834
HCV 8005 1128-6D	379.08	381.85	55	2.1	1047.1	138.2	5 × 800	6P-Δ	8000	17.5	97328	2×67	2×42	908
HCV 8005 1128-6S	288.73	290.13	46	2.1	1047.1	138.2	5 × 800	6P-Y	4000	7.8	69555	2×67	2×42	908
HCV 8006 1084-6D	414.01	419.01	56	2.1	1006.2	132.8	6 × 800	6P-Δ	9600	21.0	119730	2×67	2×42	992
HCV 8006 1084-6S	325.44	328.19	47	2.1	1006.2	132.8	6 × 800	6P-Y	4800	9.3	86328	2×67	2×42	992
HCV 8006 1355-6D	449.21	453.61	56	2.1	1257.7	166.0	6 × 800	6P-Δ	9600	21.0	116818	2×67	2×42	1081
HCV 8006 1355-6S	344.39	346.66	47	2.1	1257.7	166.0	6 × 800	6P-Y	4800	9.3	83487	2×67	2×42	1081

CONDENSERS/GAS COOLERS

AVAILABLE OPTIONS FOR HCV SERIES:

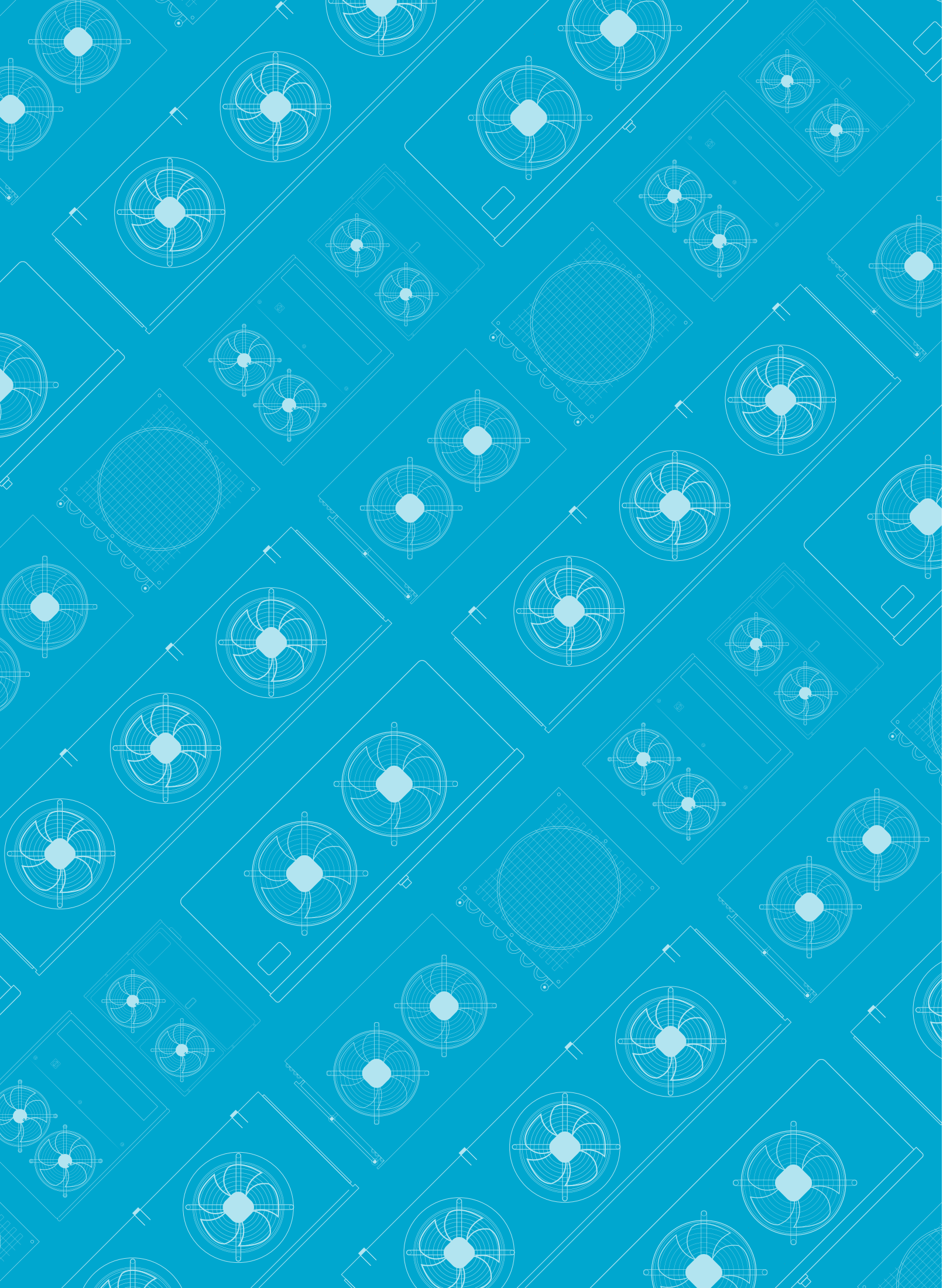
Casing options:

- Coated on customer's request

OPCIONES DISPONIBLES PARA LA SERIE HCV:

Opciones carcasa:

- Recubierto a petición del cliente





CONDENSERS CONDENSADORES

The exchange coils used in the HCH range are highly efficient with special profile aluminum fins and $\varnothing 9.52$ mm internally grooved tubes, with a reduced internal volume to reduce the necessary refrigerant charge, meeting the needs of the different international regulations for the reduction of gases with high greenhouse effect. They are supplied clean and tested under a pressure of 30 bar.

Supported to the casing by means of a “floating” system that avoids any kind of contact between the copper tubes and the supporting end plates, assuring a long life for the condenser without leaks.

On outdoor units, Blue Fin coating helps protect the parts from corrosion.

HCH SERIES CONDENSERS CONDENSADORES SERIE HCH

Los serpentines de intercambio utilizados en la gama HCH son de alta eficiencia con aletas de aluminio de perfil especial y $\varnothing 9.52$ mm tubos ranurados interiormente, con un volumen interno reducido para disminuir la carga de refrigerante necesaria, cumpliendo las necesidades de las diferentes normativas internacionales para la disminución de los gases de alto efecto invernadero. Se suministran limpias y probadas a una presión de 30 bar.

Se apoya en la carcasa mediante un sistema “flotante” que evita cualquier tipo de contacto entre los tubos de cobre y las placas terminales de soporte, asegurando una larga vida útil del condensador sin fugas.

En las unidades exteriores, el revestimiento de aleta azul ayuda a proteger las piezas de la corrosión.

HCH SERIES CONDENSERS

CONDENSADORES SERIE HCH

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

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

-ø800 mm: three-phase 400V/3/50 Hz with external rotor, with ZN-type grille and nozzle (long mouth). Operating temperature -40°C to +50°C.

White coated galvanized steel casing with high resistance to corrosion and impacts.

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.

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

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

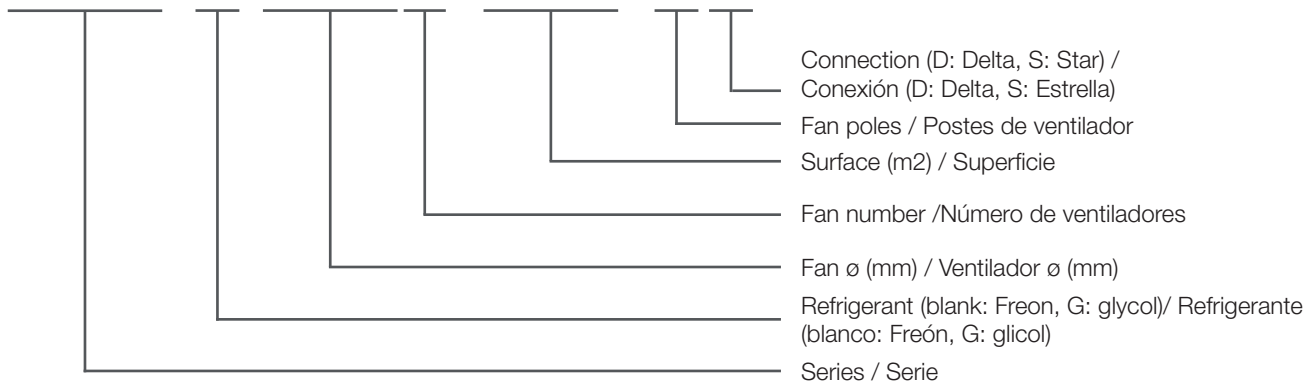
-ø800 mm: trifásicos 400V/3/50 Hz de rotor externo, con baffle y rejilla tipo ZN (embocadura larga). Temperatura de funcionamiento -40°C a +50°C.

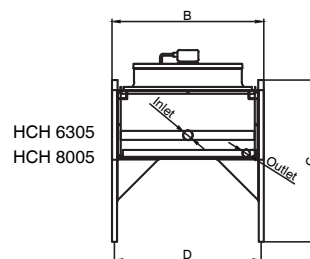
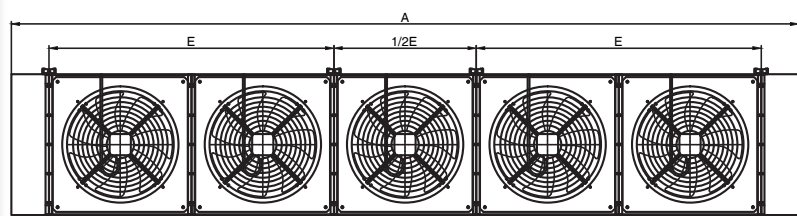
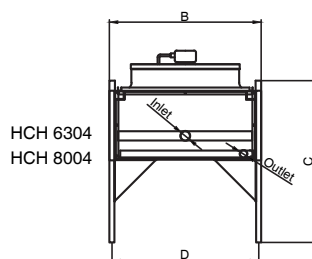
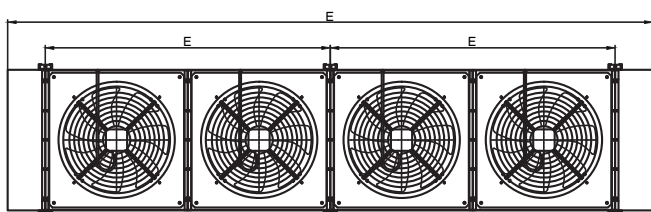
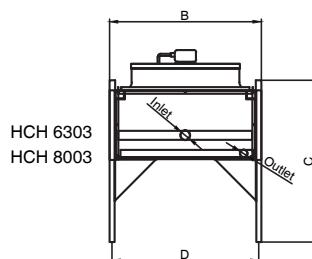
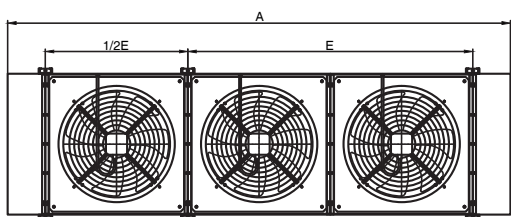
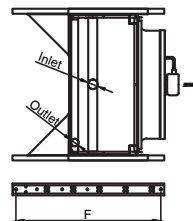
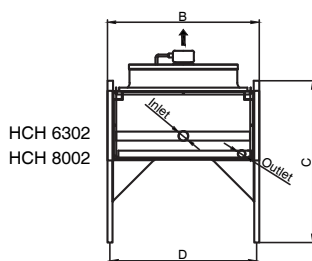
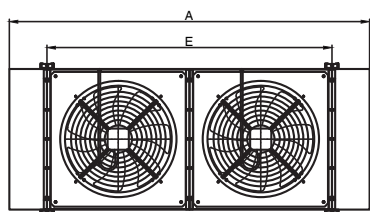
Carcasa de acero galvanizado con recubrimiento blanco con alta resistencia a la corrosión y a los impactos.

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.

HCH G 6303-166-4D

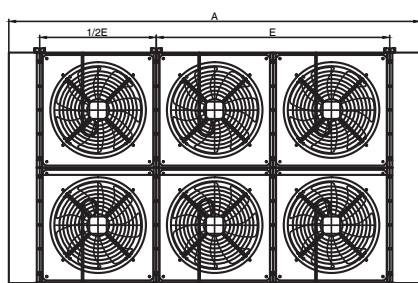




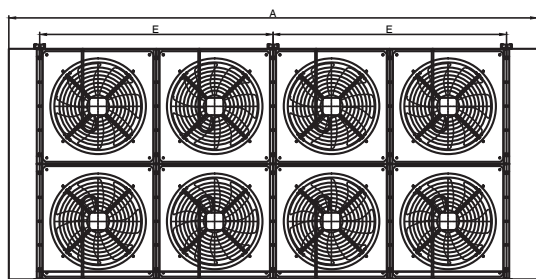
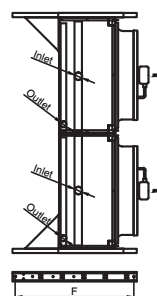
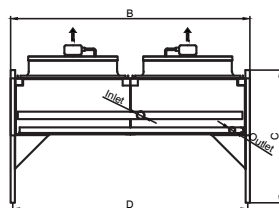
Model / Model	Dimensions / Dimensiones (mm)					
	A	B	C	D	E	F
HCH 6302...	2150	906	965	884	1700	865
HCH 6303...	3000	906	965	884	1700	865
HCH 6304...	3850	906	965	884	1700	865
HCH 6305...	4700	906	965	884	1700	865
HCH 8002...	2610	1206	1030	1182	2200	938
HCH 8003...	3710	1206	1030	1182	2200	938
HCH 8004...	4810	1206	1030	1182	2200	938
HCH 8005...	5910	1206	1030	1182	2200	938

HCH SERIES CONDENSERS

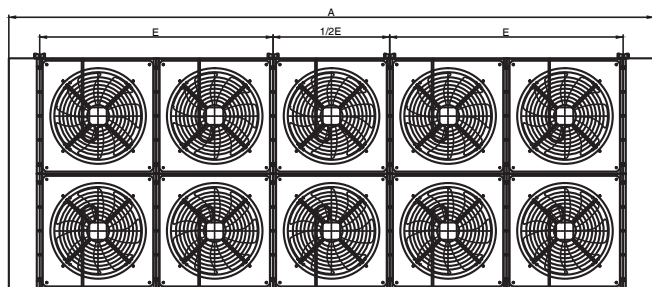
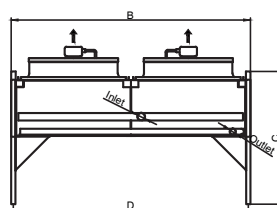
CONDENSADORES SERIE HCH



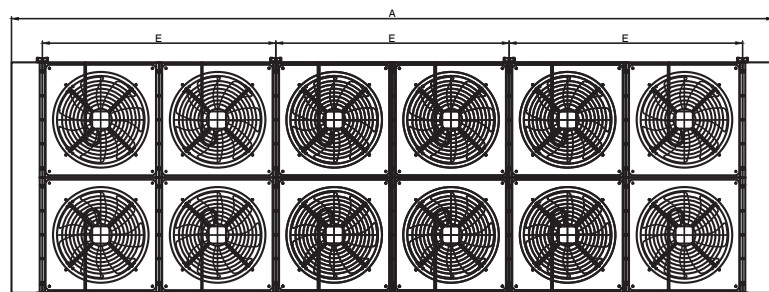
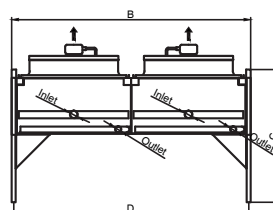
HCH 6306
HCH 8006



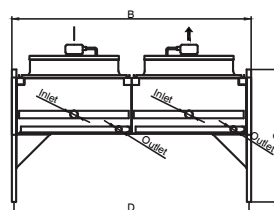
HCH 6308
HCH 8008



HCH 63010
HCH 80010



HCH 63012



Model / Model	Dimensions / Dimensiones (mm)					
	A	B	C	D	E	F
HCH 6306...	3000	1746	965	1724	1700	865
HCH 6308...	3850	1746	965	1724	1700	865
HCH 63010...	4700	1746	965	1724	1700	865
HCH 63012...	5550	1746	965	1724	1700	865
HCH 8006...	3710	2346	1030	2322	2200	938
HCH 8008...	4810	2346	1030	2322	2200	938
HCH 80010...	5910	2346	1030	2322	2200	938

Model / Modelo	Capacity / Capacidad (kW)		Sound Pressure Level	Espacio entre aletas/ Fin Spacing (mm)	Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Ventilador Ventilator					Connection/ Conexión (ø mm)		N.W/ Peso Neto (kg)
	R404A	R448A/ R449A	dist=10m				N° x Ø (mm)	Pole connection Conexión de polos	Power/ Potencia (W)	Current/ Intensidad (A)	Volumen de Aire Air Flow (m3/h)	Inlet/ Entrada	Outlet/ Salida	
	DT1=15K	DT1=15K	dBA											
HCH 6302 110-4D	80.2	81.14	59	2.1	101.5	13.4	2x630	4P-Δ	5400	10.0	29903	35	22	210
HCH 6302 110-4S	67.59	68.27	54	2.1	101.5	13.4	2x630	4P-Y	3500	5.8	23013	35	22	210
HCH 6302 164-4D	92.2	93.03	59	2.1	152.2	20.1	2x630	4P-Δ	5400	10.0	26409	35	22	228
HCH 6302 164-4S	75.08	75.65	54	2.1	152.2	20.1	2x630	4P-Y	3500	5.8	20100	35	22	228
HCH 6303 166-4D	120.15	121.45	61	2.1	153.4	20.3	3x630	4P-Δ	8100	15.0	44991	42	28	303
HCH 6303 166-4S	100.91	101.9	56	2.1	153.4	20.3	3x630	4P-Y	5250	8.7	34665	42	28	303
HCH 6303 248-4D	139.19	140.51	61	2.1	230.2	30.4	3x630	4P-Δ	8100	15.0	39819	42	28	331
HCH 6303 248-4S	113.49	114.38	56	2.1	230.2	30.4	3x630	4P-Y	5250	8.7	30295	42	28	331
HCH 6304 222-4D	162	163.84	62	2.1	205.4	27.1	4x630	4P-Δ	10800	20.0	60078	54	35	379
HCH 6304 222-4S	136.57	137.91	57	2.1	205.4	27.1	4x630	4P-Y	7000	11.6	46315	54	35	379
HCH 6304 333-4D	186.4	188.04	62	2.1	308.1	40.7	4x630	4P-Δ	10800	20.0	53227	54	35	415
HCH 6304 333-4S	151.65	152.77	57	2.1	308.1	40.7	4x630	4P-Y	7000	11.6	40490	54	35	415
HCH 6305 278-4D	200.32	203.24	63	2.1	257.4	34.0	5x630	4P-Δ	13500	25.0	75164	67	42	473
HCH 6305 278-4S	170.02	172.03	58	2.1	257.4	34.0	5x630	4P-Y	8750	14.5	57966	67	42	473
HCH 6305 417-4D	232.39	234.82	63	2.1	386.0	51.0	5x630	4P-Δ	13500	25.0	66636	67	42	518
HCH 6305 417-4S	189.9	191.45	58	2.1	386.0	51.0	5x630	4P-Y	8750	14.5	50684	67	42	518
HCH 6306 331-4D	240.29	242.89	64	2.1	306.9	40.5	6x630	4P-Δ	16200	30.0	89981	2x42	2x28	552
HCH 6306 331-4S	201.82	203.8	59	2.1	306.9	40.5	6x630	4P-Y	10500	17.4	69329	2x42	2x28	552
HCH 6306 497-4D	278.39	281.01	64	2.1	460.3	60.8	6x630	4P-Δ	16200	30.0	79637	2x42	2x28	607
HCH 6306 497-4S	226.99	228.75	59	2.1	460.3	60.8	6x630	4P-Y	10500	17.4	60590	2x42	2x28	607
HCH 6308 443-4D	324	327.68	65	2.1	410.8	54.2	8x630	4P-Δ	21600	40.0	120155	2x54	2x35	695
HCH 6308 443-4S	273.15	275.81	60	2.1	410.8	54.2	8x630	4P-Y	14000	23.2	92630	2x54	2x35	695
HCH 6308 665-4D	372.81	376.09	65	2.1	616.2	81.4	8x630	4P-Δ	21600	40.0	106454	2x54	2x35	768
HCH 6308 665-4S	303.3	305.55	60	2.1	616.2	81.4	8x630	4P-Y	14000	23.2	80979	2x54	2x35	768
HCH 63010 556-4D	400.65	406.47	66	2.1	514.7	68.0	10x630	4P-Δ	27000	50.0	150328	2x67	2x42	865
HCH 63010 556-4S	340.03	344.05	61	2.1	514.7	68.0	10x630	4P-Y	17500	29.0	115931	2x67	2x42	865
HCH 63010 833-4D	464.79	469.63	66	2.1	772.1	101.9	10x630	4P-Δ	27000	50.0	133272	2x67	2x42	956
HCH 63010 833-4S	379.79	382.9	61	2.1	772.1	101.9	10x630	4P-Y	17500	29.0	101367	2x67	2x42	956
HCH 63012 668-4D	468.07	477.07	67	2.1	618.7	81.7	12x630	4P-Δ	32400	60.0	180501	2x67	2x42	1010
HCH 63012 668-4S	400.76	406.96	62	2.1	618.7	81.7	12x630	4P-Y	21000	34.8	139232	2x67	2x42	1010
HCH 63012 1002-4D	549.2	556.71	67	2.1	928.0	122.5	12x630	4P-Δ	32400	60.0	160089	2x67	2x42	1119
HCH 63012 1002-4S	451.78	456.45	62	2.1	928.0	122.5	12x630	4P-Y	21000	34.8	121755	2x67	2x42	1119

HCH SERIES CONDENSERS

CONDENSADORES SERIE HCH

Model / Modelo	Capacity / Capacidad (kW)		Sound Pressure Level	Espacio entre aletas/ Fin Spacing (mm)	Superficie/ Surface (m²)	Tube Volume/ Volumen Interno (dm³)	Ventilador Ventilator					Connection/ Conexión (ø mm)		N.W/ Peso Neto (kg)
	R404A	R448A/ R449A	dist=10m				N° x Ø (mm)	Pole connection Conexión de polos	Power/ Potencia (W)	Current/ Intensidad (A)	Volumen de Aire Air Flow (m3/h)	Inlet/ Entrada	Outlet/ Salida	
	DT1=15K	DT1=15K	dBA											
HCH 8002 200-6D	106.36	107.53	51	2.1	184.9	24.4	2x800	6P-Δ	3200	7.0	34121	54	35	335
HCH 8002 200-6S	81.52	82.18	42	2.1	184.9	24.4	2x800	6P-Y	1600	3.1	23455	54	35	335
HCH 8002 299-6D	118.19	119.07	51	2.1	277.4	36.6	2x800	6P-Δ	3200	7.0	30353	54	35	368
HCH 8002 299-6S	86.22	86.65	42	2.1	277.4	36.6	2x800	6P-Y	1600	3.1	20592	54	35	368
HCH 8003 301-6D	161.14	162.54	53	2.1	279.1	36.8	3x800	6P-Δ	4800	10.5	51318	54	35	484
HCH 8003 301-6S	122.56	123.41	44	2.1	279.1	36.8	3x800	6P-Y	2400	4.7	35289	54	35	484
HCH 8003 452-6D	177.25	178.75	53	2.1	418.6	55.3	3x800	6P-Δ	4800	10.5	45677	54	35	533
HCH 8003 452-6S	129.73	130.49	44	2.1	418.6	55.3	3x800	6P-Y	2400	4.7	30997	54	35	533
HCH 8004 403-6D	214.38	216.66	54	2.1	373.2	49.3	4x800	6P-Δ	6400	14.0	68514	67	42	612
HCH 8004 403-6S	164.22	165.51	45	2.1	373.2	49.3	4x800	6P-Y	3200	6.2	47122	67	42	612
HCH 8004 604-6D	229.35	232.57	54	2.1	559.8	73.9	4x800	6P-Δ	6400	14.0	61001	67	42	677
HCH 8004 604-6S	170.53	172.02	45	2.1	559.8	73.9	4x800	6P-Y	3200	6.2	41401	67	42	677
HCH 8005 504-6D	262.07	266.01	55	2.1	467.4	61.7	5x800	6P-Δ	8000	17.5	85710	67	42	759
HCH 8005 504-6S	203.1	205.22	46	2.1	467.4	61.7	5x800	6P-Y	4000	7.8	58956	67	42	759
HCH 8005 757-6D	294.26	297.15	55	2.1	701.0	92.6	5x800	6P-Δ	8000	17.5	76324	67	42	842
HCH 8005 757-6S	216.28	217.66	46	2.1	701.0	92.6	5x800	6P-Y	4000	7.8	51805	67	42	842
HCH 8006 602-6D	322.27	325.08	56	2.1	558.1	73.7	6x800	6P-Δ	9600	21.0	102635	2x54	2x35	864
HCH 8006 602-6S	245.13	246.81	47	2.1	558.1	73.7	6x800	6P-Y	4800	9.3	70577	2x54	2x35	864
HCH 8006 904-6D	354.5	357.5	56	2.1	837.2	110.5	6x800	6P-Δ	9600	21.0	91354	2x54	2x35	963
HCH 8006 904-6S	259.46	260.98	47	2.1	837.2	110.5	6x800	6P-Y	4800	9.3	61993	2x54	2x35	963
HCH 8008 806-6D	428.75	433.32	57	2.1	746.4	98.5	8x800	6P-Δ	12800	28.0	137027	2x67	2x42	1094
HCH 8008 806-6S	328.44	331.02	48	2.1	746.4	98.5	8x800	6P-Y	6400	12.4	94244	2x67	2x42	1094
HCH 8008 1208-6D	458.71	465.14	57	2.1	1119.6	147.8	8x800	6P-Δ	12800	28.0	122001	2x67	2x42	1225
HCH 8008 1208-6S	341.06	344.05	48	2.1	1119.6	147.8	8x800	6P-Y	6400	12.4	82801	2x67	2x42	1225
HCH 80010 1009-6D	524.13	532.02	58	2.1	934.7	123.4	10x800	6P-Δ	16000	35.0	171419	2x67	2x42	1351
HCH 80010 1009-6S	406.2	410.43	49	2.1	934.7	123.4	10x800	6P-Y	8000	15.5	117911	2x67	2x42	1351
HCH 80010 1513-6D	588.52	594.31	58	2.1	1402.1	185.1	10x800	6P-Δ	16000	35.0	152648	2x67	2x42	1516
HCH 80010 1513-6S	432.55	435.32	49	2.1	1402.1	185.1	10x800	6P-Y	8000	15.5	103609	2x67	2x42	1516

CONDENSERS/GAS COOLERS

AVAILABLE OPTIONS FOR HCV SERIES:

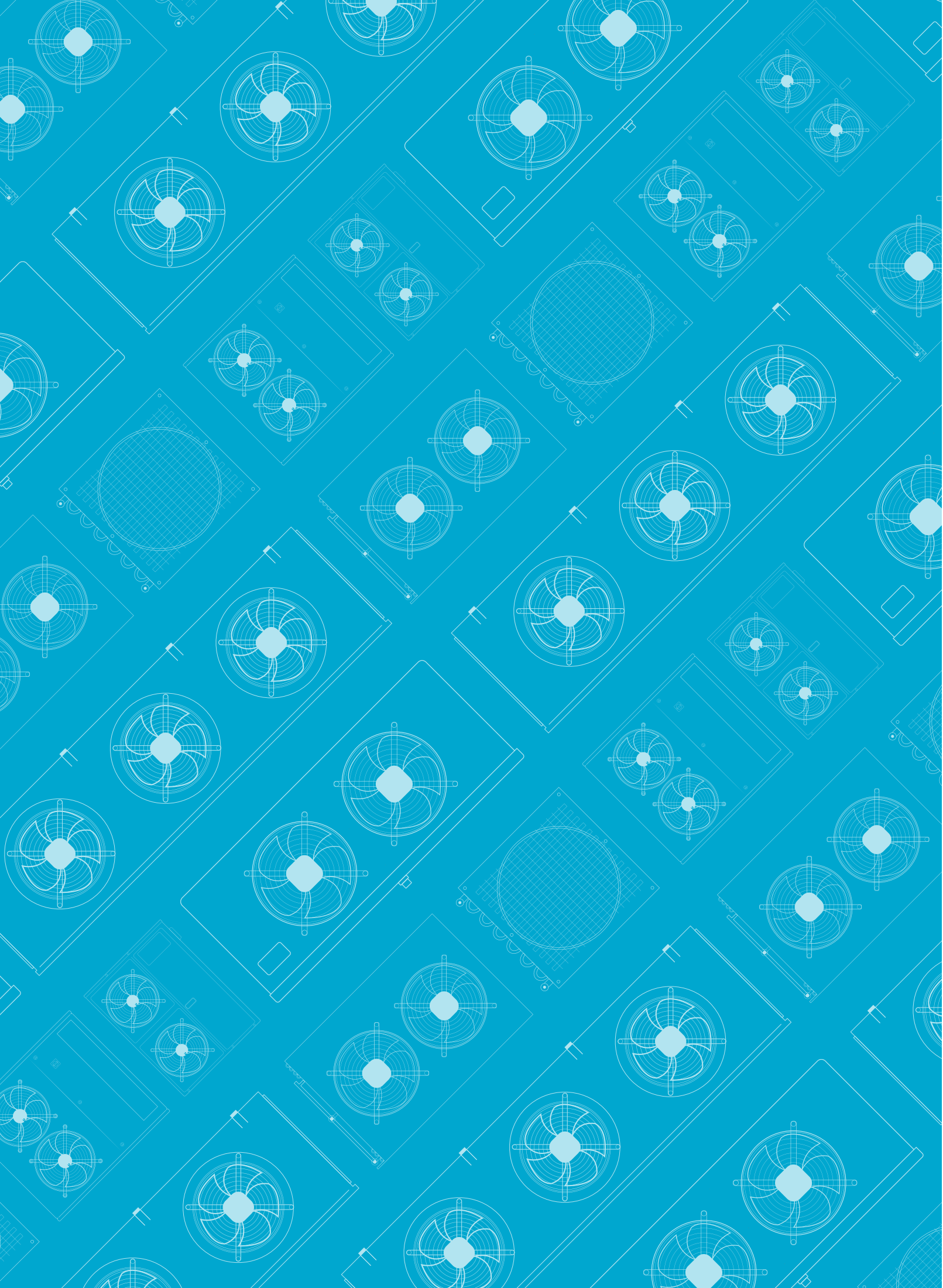
Casing options:

- Coated on customer's request

OPCIONES DISPONIBLES PARA LA SERIE HCV:

Opciones carcasa:

- Recubierto a petición del cliente





GAS COOLERS GAS COOLERS

The exchange coils used in the HCBS CO2 range are highly efficient with special profile aluminum fins and ø7 mm (HCBS) internally grooved tubes. They are supplied clean and tested under a pressure of 30 bar.

Supported to the casing by means of a “floating” system that avoids any kind of contact between the copper tubes and the supporting end plates, assuring a long life for the condenser without leaks.

On outdoor units, Blue Fin coating helps protect the parts from corrosion.

HCBS CO2 SERIES GAS COOLERS GAS COOLERS SERIE HCBS CO2

Los serpentines de intercambio utilizados en la gama HCBS CO2 son de alta eficiencia con aletas de aluminio de perfil especial y ø7 mm (HCBS) tubos ranurados interiormente. Se suministran limpias y probadas a una presión de 30 bar.

Se apoya en la carcasa mediante un sistema “flotante” que evita cualquier tipo de contacto entre los tubos de cobre y las placas terminales de soporte, asegurando una larga vida útil del condensador sin fugas.

En las unidades exteriores, el revestimiento de aleta azul ayuda a proteger las piezas de la corrosión.

HCBS CO2 SERIES GAS COOLERS

GAS COOLERS SERIE HCBS CO2

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

- ø200 mm: single-phase 230V/1/50 Hz with shade pole motor, with grid and short nozzle. Operating temperature -30°C to +50°C.

- ø250, 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 +50°C.

-ø450, 500, 630, 710, 800 mm: three-phase 400V/3/50 Hz with external rotor, with type K grid and nozzle (short mouth). Operating temperature -40°C to +50°C.

Black galvanized steel casing with high resistance to corrosion and impacts.

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.

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

- ø200 mm: monofásicos 230V/1/50 Hz con motor de polo sombreado, con rejilla y embocadura corta. Temperatura de funcionamiento -30°C a +50°C.

-ø250, 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 +50°C.

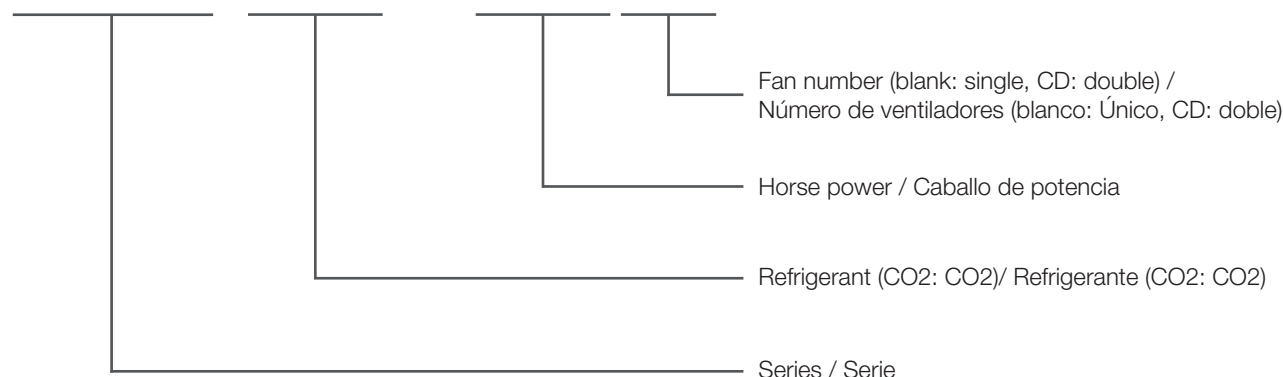
-ø450, 500, 630, 710, 800 mm: trifásicos 400V/3/50 Hz de rotor externo, con rejilla y grilla tipo K (embocadura corta). Temperatura de funcionamiento -40°C a +50°C.

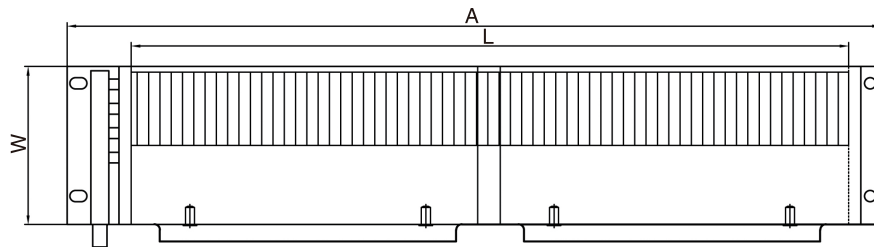
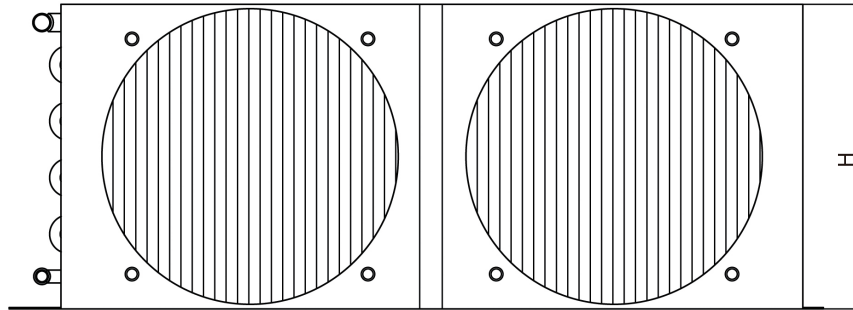
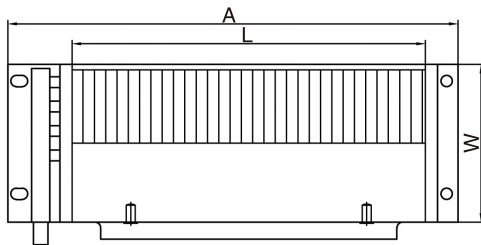
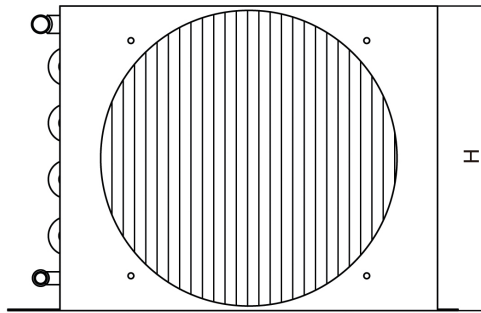
Carcasa de acero galvanizado negro con alta resistencia a la corrosión y a los impactos.

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.

HCBS CO2 - 1HPCD





HCBS CO2 SERIES GAS COOLERS

GAS COOLERS SERIE HCBS CO2

Model / Modelo	Tubos N° Tubes N°	Capacity / Capacidad CO2 (kW)	Espacio entre aletas/ Fin Spa- cing (mm)	Superfi- cie/ Surface (m²)	Ventilador Ventilator		Dimensiones Dimension (mm)				Connection/ Conexión (ø mm)	
		Pressure =90bar					A	H	W	L	Inlet/ Entrada	Outlet/ Salida
		Tin=110°C			N° x Ø (mm)	Volumen de Aire Air Flow (m3/h)						
HCBS CO2-1/4HP	2 x 11	2.78	3.17	2.14	1 x 250	800	360	281	102	300	7	7
HCBS CO2-1/3HP	3 x 10	3.16	3.17	2.92	1 x 250	630	380	270	120	300	7	7
HCBS CO2-1/2HP	4 x 10	3.48	3.17	3.76	1 x 250	550	380	270	140	290	7	7
HCBS CO2-3/4HP	4 x 12	6.05	3.17	5.44	1 x 300	1100	450	370	152	350	12	10
HCBS CO2-1HP	4 x 14	7.2	3.17	7.26	1 x 300	1260	490	370	152	400	12	10
HCBS CO2-1.5HP	4 x 16	11.64	3.17	10.36	1 x 350	2270	600	422	182	500	12	10
HCBS CO2-2HP	4 x 18	15.99	3.17	13.99	1 x 400	3200	690	473	182	600	15	12
HCBS CO2-2.5HP	5 x 18	17.78	3.17	17.49	1 x 400	3000	710	473	200	600	15	12
HCBS CO2-3HP	6 x 18	18.91	3.17	20.99	1 x 400	2850	710	473	234	600	15	12
HCBS CO2-4HP	6 x 22	21.38	3.17	25.65	1 x 400	3100	710	575	234	600	16	12
HCBS CO2-5HP	4 x 30	33.24	2.83	34.48	1 x 450	6100	910	780	215	800	22	15
HCBS CO2-1HPCD	4 x 10	4.23	3.17	6.48	2 x 200	650	590	270	140	500	12	10
HCBS CO2-1.5HPCD	4 x 11	7.55	3.17	9.41	2 x 250	1300	737	305	140	660	12	10
HCBS CO2-2HPCD	4 x 12	12.29	3.17	12.44	2 x 300	2380	900	370	152	800	15	12
HCBS CO2-3HPCD	4 x 16	23.01	2.83	22.99	2 x 350	4500	1110	420	182	1000	16	12
HCBS CO2-4HPCD	4 x 20	26.81	2.83	28.74	2 x 350	4980	1110	525	182	1000	22	15
HCBS CO2-5HPCD	4 x 24	34.32	2.83	34.48	2 x 400	6500	1110	625	195	1000	22	15
HCBS CO2-6HPCD	4 x 26	38.33	2.83	44.83	2 x 400	7000	1310	680	195	1200	22	15
HCBS CO2-7.5HPCD	4 x 32	57.58	2.83	55.18	2 x 450	11600	1310	830	215	1200	22	18
HCBS CO2-10HPCD	4 x 32	78.02	2.83	73.57	2 x 500	16000	1710	830	230	1600	28	18
HCBS CO2-12HPCD	4 x 36	87.13	2.83	82.76	2 x 630	17800	1710	928	230	1600	28	22
HCBS CO2-15HPCD	4 x 36	92.54	2.83	93.11	2 x 630	18400	1910	928	230	1800	28	22
HCBS CO2-18HPCD	4 x 36	112.25	2.54	113.14	3 x 500	24000	2090	928	230	1980	28	22
HCBS CO2-20HPCD	4 x 42	118.85	2.83	123.35	2 x 710	24000	2110	1075	227	2044	28	22
HCBS CO2-25HPCD	4 x 42	126.08	2.83	132.77	2 x 710	25000	2310	1075	227	2200	28	22
HCBS CO2-30HPCD	5 x 42	142.38	2.83	194.86	2 x 710	24000	2310	1075	227	2200	35	22

CONDENSERS/GAS COOLERS

AVAILABLE OPTIONS FOR HCBS CO2 SERIES:

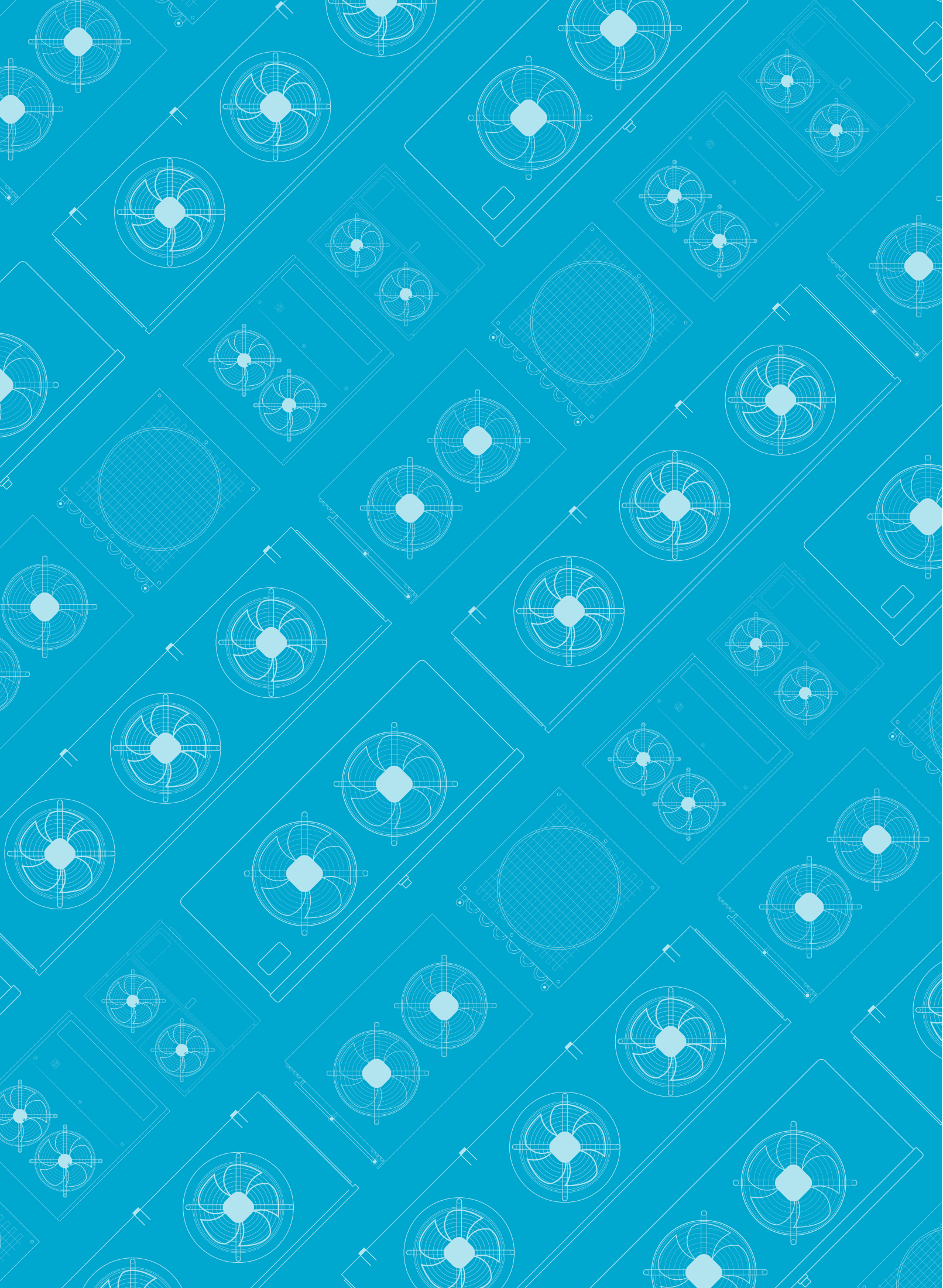
Casing options:

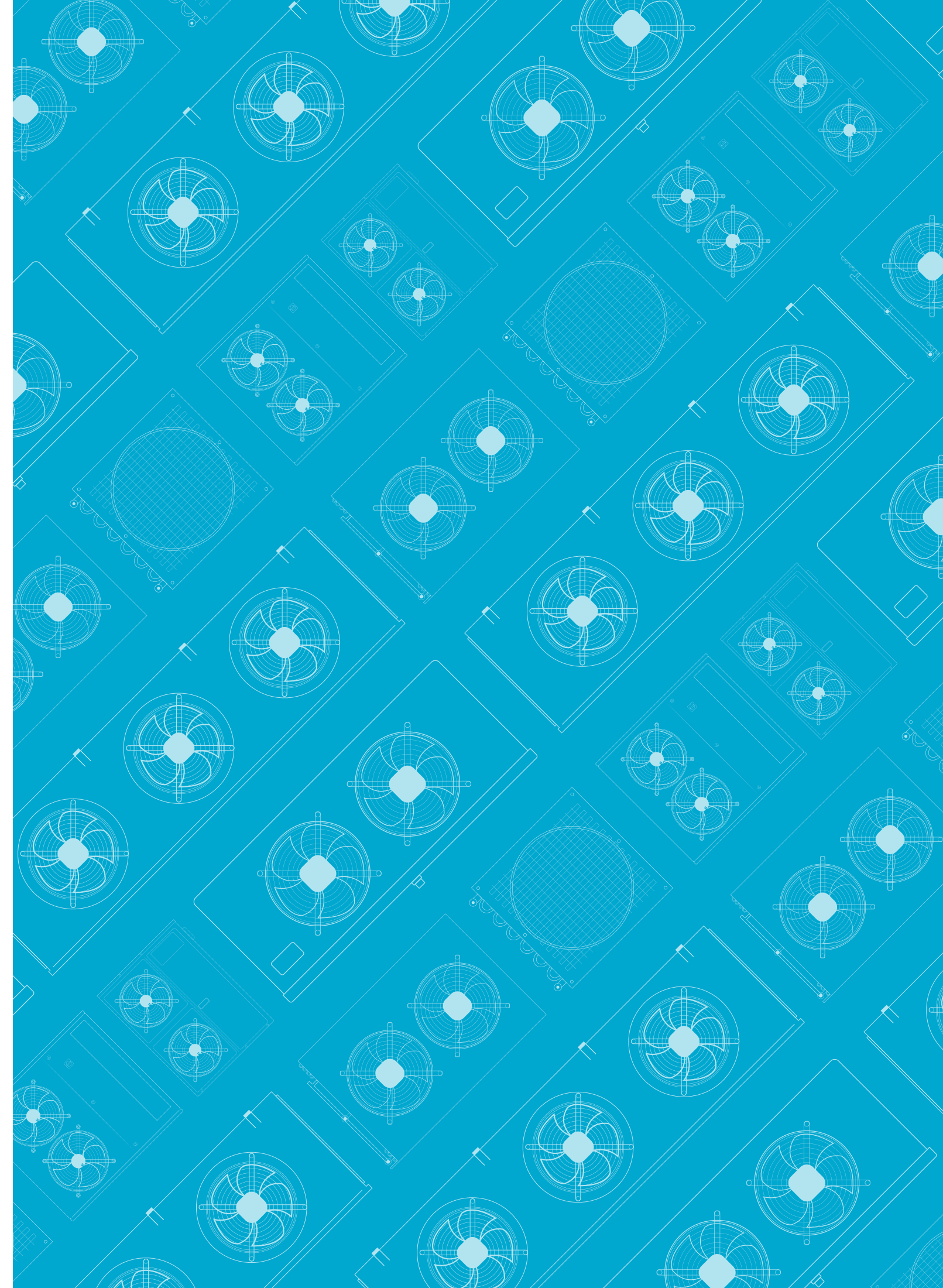
- Coated on customer's request

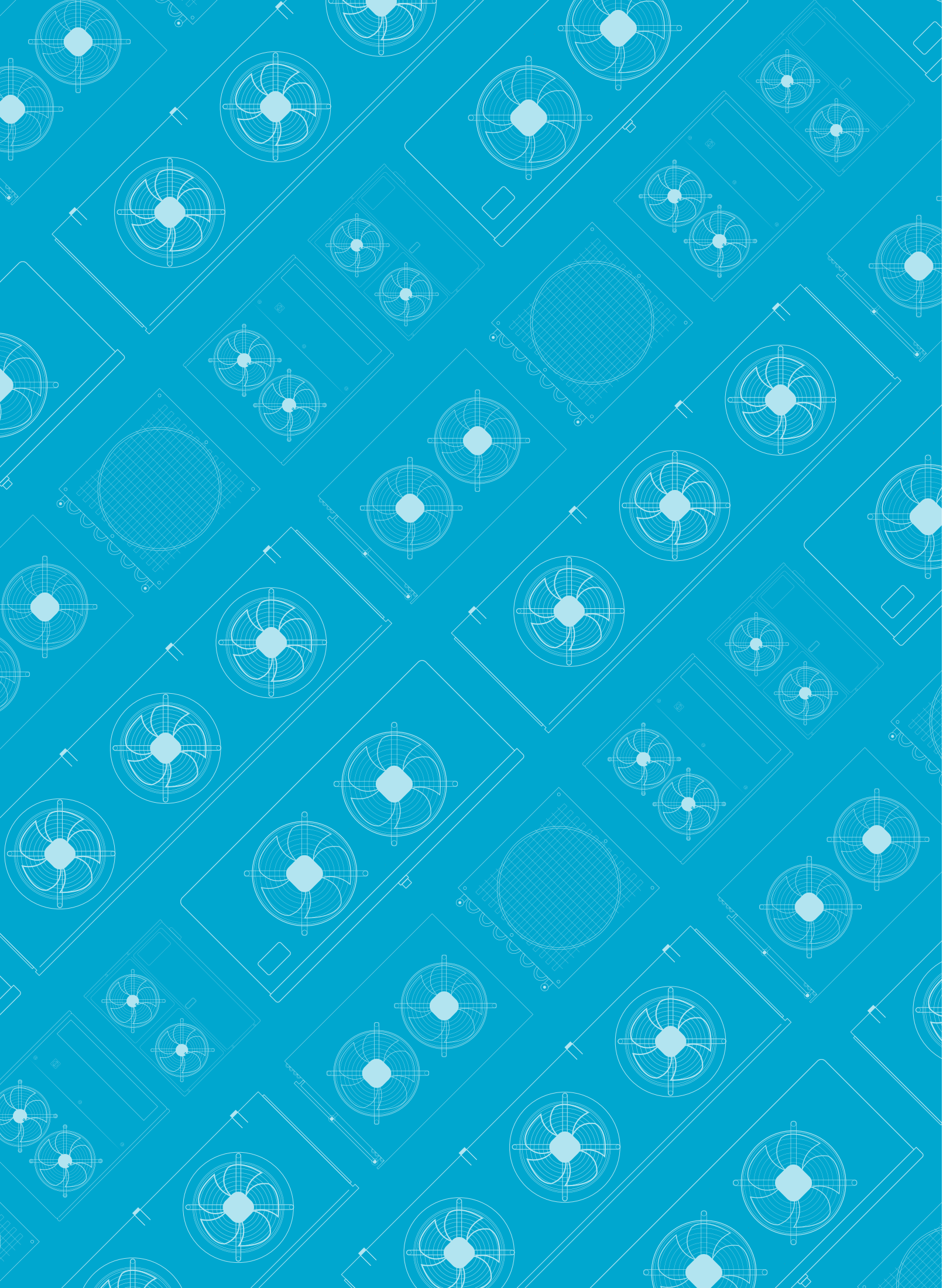
OPCIONES DISPONIBLES PARA LA SERIE HCBS COO2:

Opciones carcasa:

- Recubierto a petición del cliente









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