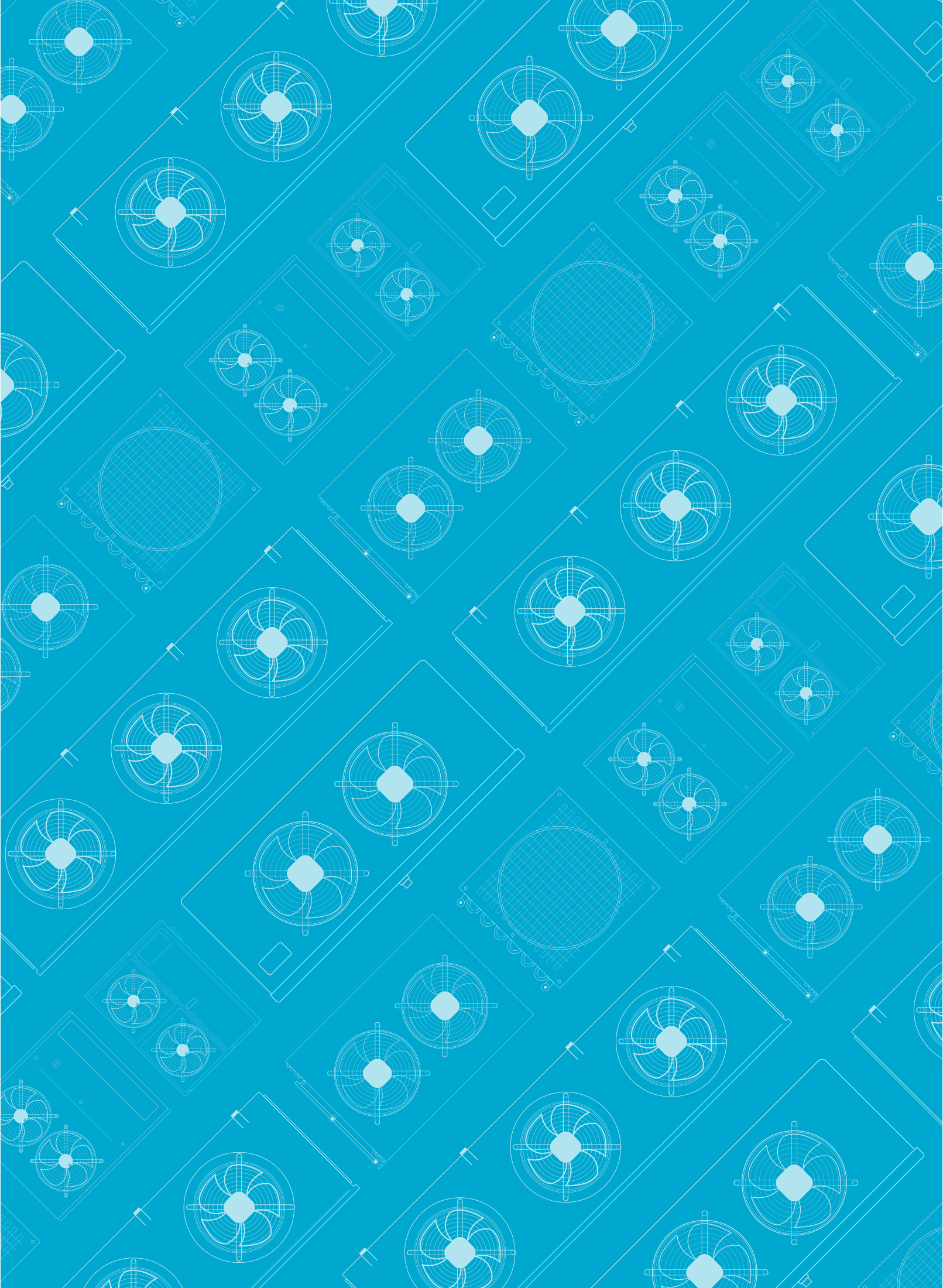


2023 HISPANIA CATALOGUE^{50Hz}

HFC/HFO(HCFC) 蒸发器
氨 & CO2 蒸发器



EVAPORATORS/AIR COOLERS

EVAPORATORS FOR HFC/HFO/(HCHC)

- COMMERCIAL CUBIC EVAPORATORS: HEA	4
- INDUSTRIAL CUBIC EVAPORATORS: HEB	26
- CUBIC FRUIT EVAPORATORS: HEB F	42
- COMPACT-CEILING AIR TYPE EVAPORATORS: HEC & HEC Plus	50
- HIGH EFFICIENCY COMPACT-CEILING AIR TYPE EVAPORATORS: HEJ & Plus	70
- DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS: HED & HED Plus	78
- WALL TYPE EVAPORATORS: HEF	100
- COUNTER TYPE EVAPORATORS: HER	110

EVAPORATORS FOR NH3 AND CO2

- COMMERCIAL CUBIC EVAPORATORS: HEA N	116
- INDUSTRIAL CUBIC EVAPORATORS: HEB N	138
- DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS: HED N & HED Plus N	154
- WALL TYPE EVAPORATORS: HEF N	174
- COMMERCIAL CUBIC EVAPORATORS: HEA CO2	184

蒸发器

蒸发器 HFC/HFO/(HCHC)

- 商用蒸发器: HEA	4
- 工业用蒸发器: HEB	26
- 果蔬库专用蒸发器: HEB F	42
- 紧凑型蒸发器: HEC & HEC Plus	50
- 高效紧凑型蒸发器: HEJ & HEJ Plus	70
- 双出风蒸发器: HED & HED Plus	78
- 速冻用蒸发器: HEF	100
- 柜用蒸发器: HER	110

蒸发器 NH3 & CO2

- 商用蒸发器: HEA N	116
- 工业用蒸发器: HEB N	138
- 双出风蒸发器: HED N & HED Plus N	154
- 速冻用蒸发器: HEF N	174
- 商用蒸发器: HEA CO2	184



COMMERCIAL CUBIC EVAPORATORS EVAPORADORES CUBICOS COMERCIALES

The HEA 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 HEA range are highly efficient with special profile aluminum fins and $\varnothing 12$ mm internally grooved copper 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.

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

- HEA XXXX XX 4X: with 4 mm pitch, suitable for high temperatures in the cold room ($R_t \geq 0^\circ\text{C}$)
- HEA XXXX XX 6X: with 6 mm pitch, suitable for medium temperatures in the cold room ($R_t \geq -18^\circ\text{C}$)
- HEA 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 $+40^\circ\text{C}$.

HEA SERIES EVAPORATOR 蒸发器系列 HEA

HEA系列商用蒸发器适用于冷库的冷冻冷藏需求。

HEA的高效内芯采用铝箔和 $\varnothing 12$ mm内螺纹铜管，通过减少管容积来降低冷媒充注量，满足全球温室气体的减排需求。所有内芯均经过清洁和30bar保压测试。

HEA有三种片距，满足不同温度的应用：

- HEA XXXX XX 4X: 4mm片距，适用于高温库 ($R_t \geq 0^\circ\text{C}$)
- HEA XXXX XX 6X: 6mm片距，适用于中温库 ($R_t \geq -18^\circ\text{C}$)
- HEA XXXX XX 9X: 9mm片距，适用于低温库 ($R_t \geq -35^\circ\text{C}$)

标准的风机配置如下：

- $\varnothing 250, 300, 350, 400$ mm: 单相230V/1/50Hz外转子电机，带K网罩和短出风口。工作温度 -40°C 至 $+40^\circ\text{C}$ 。

HEA SERIES EVAPORATOR

蒸发器系列 HEA

-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: 三相400V/3/50Hz外转子电机, 带K网罩和短出风口. 工作温度-40°C至+40°C。

-ø500, 550 y 630 mm: 三相400V/3/50Hz外转子电机, 带L网罩和长风口. 工作温度-40°C至+40°C。

-ø630 y 800 mm: 三相400V/3/50Hz外转子电机, 带ZN网罩和长风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

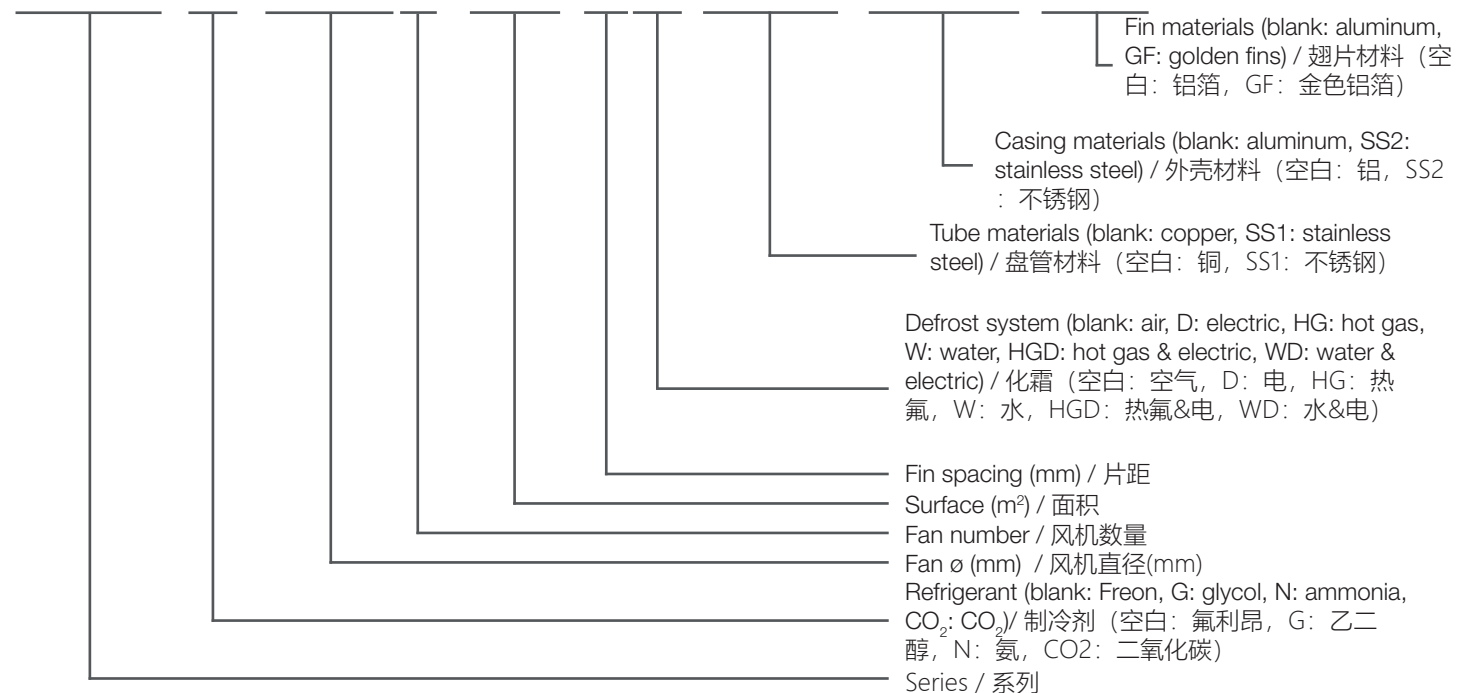
所有电器有效接地。电线均接入防护等级IP65的电器盒内。

可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

EVAPORATORS / 蒸发器 HF/C/HFO/HCFQ

HEA G 2501 09 4D SS1 SS2 GF

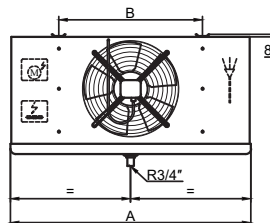
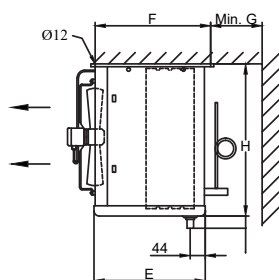


COMMERCIAL CUBIC EVAPORATORS

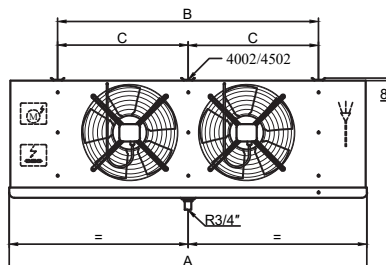
商用蒸发器

HFC/HFO/(HCFC)*

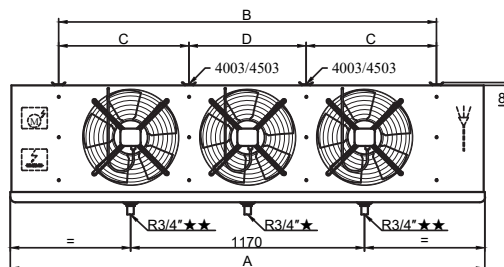
EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)



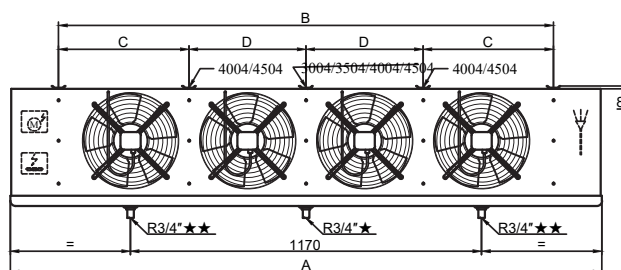
HEA
2501/3001/3501/4001/4501



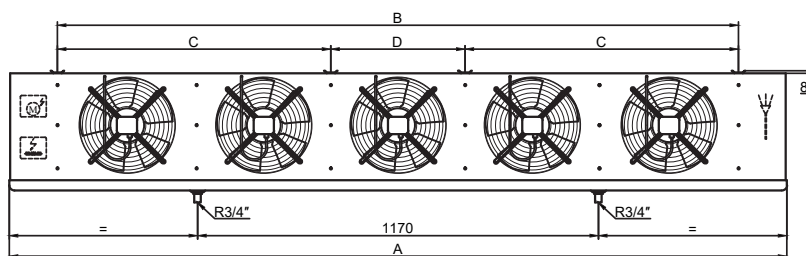
HEA
2502/3002/3502/4002/4502



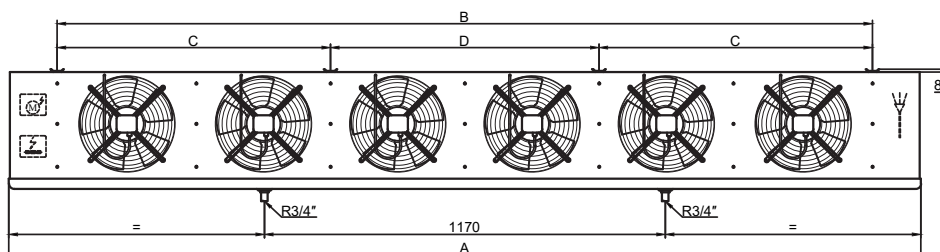
HEA
★2503/3003/3503/4003
★★4503



HEA
★2504/3004/3504
★★4004/4504



HEA
2505/3005/3505



HEA
2506/3006/3506

HEA SERIES EVAPORATOR

蒸发器系列 HEA

EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

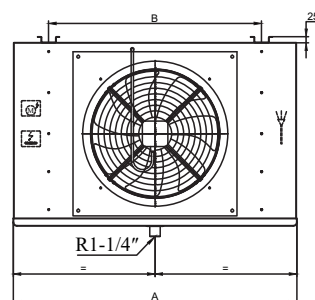
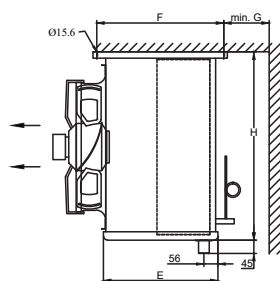
Model / 型号	Dimensions / 尺寸 (mm)							
	A	B	C	D	E	F	G	H
HEA 2501...	702	420			325	375	200	350
HEA 2502...	1094	812			325	375	200	350
HEA 2503...	1486	1204			325	375	200	350
HEA 2504...	1878	1596	798		325	375	200	350
HEA 2505...	2270	1988	798	392	325	375	200	360
HEA 2506...	2662	2380	798	784	325	375	250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

COMMERCIAL CUBIC EVAPORATORS

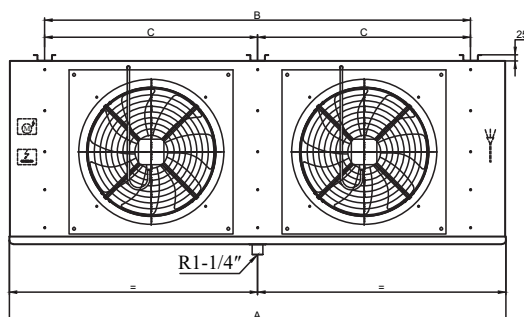
商用蒸发器

HFC/HFO/(HCFC)*

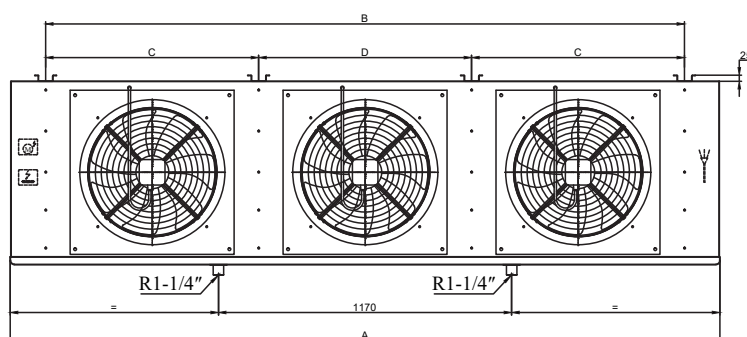
EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)



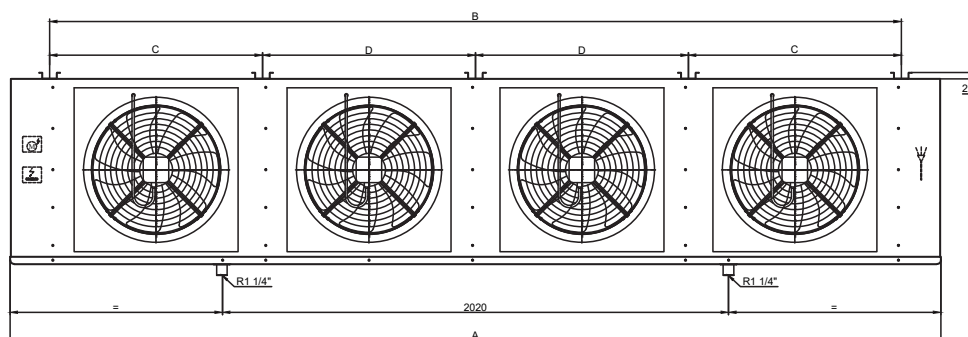
HEA 5001



HEA 5002



HEA 5003



HEA 5004

HEA SERIES EVAPORATOR

蒸发器系列 HEA

Model / 型号	Dimensions / 尺寸 (mm)					
	A	B	C	D	E	F
HEA 5001...(4 rows)	1185	850		455	507	400
HEA 5001...(6 rows)	1185	850		455	507	400
HEA 5001...(8 rows)	1185	850		525	577	400
HEA 5002...(4 rows)	2035	1700	850	455	507	400
HEA 5002...(6 rows)	2035	1700	850	455	507	400
HEA 5002...(8 rows)	2035	1700	850	525	577	400
HEA 5003...(4 rows)	2885	2550	850	455	507	450
HEA 5003...(6 rows)	2885	2550	850	455	507	450
HEA 5003...(8 rows)	2885	2550	850	525	577	450
HEA 5004...(4 rows)	3735	3400	850	455	507	450
HEA 5004...(6 rows)	3735	3400	850	455	507	450
HEA 5004...(8 rows)	3735	3400	850	525	577	450

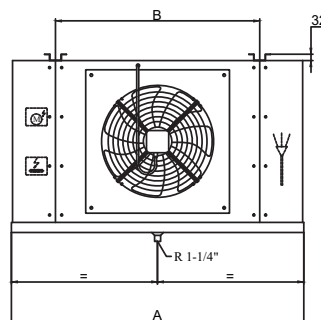
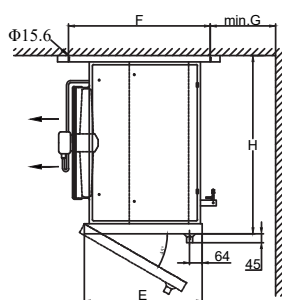
EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

COMMERCIAL CUBIC EVAPORATORS

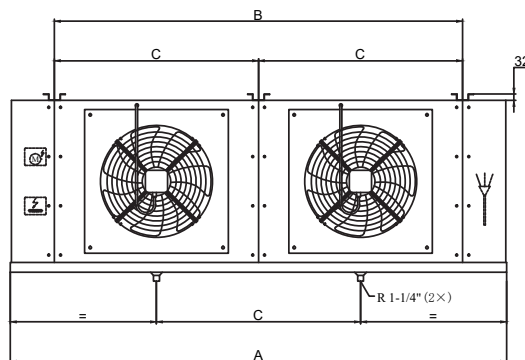
商用蒸发器

HFC/HFO/(HCFC)*

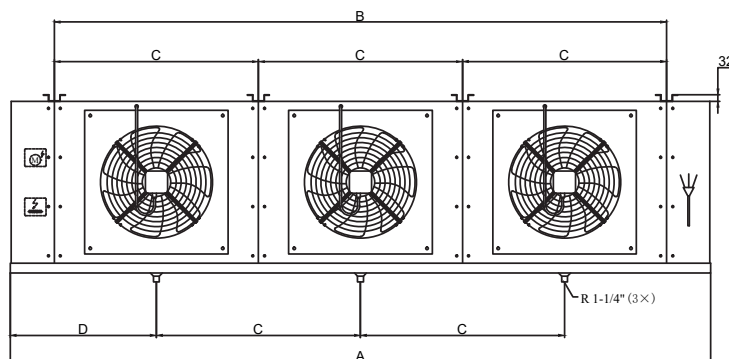
EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)



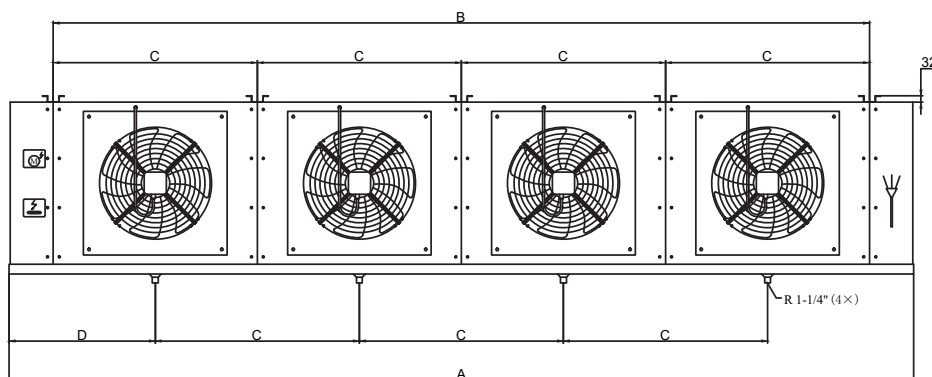
HEA
5501/6301/8001



HEA
5502/6302/8002



HEA
5503/6303/8003



HEA
5504/6304

HEA SERIES EVAPORATOR

蒸发器系列 HEA

EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

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

换热器宽度受其列数影响。列数可在之后的表格中查找。

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

HFC/HFO/(HCFC)*

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

片距4mm, 带电加热。库温>=0°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HEA 2501 09 4D	1.49	1.01	1.55	1.08	8.3	1.4	12	12	16
HEA 2502 17 4D	3.07	2.12	3.17	2.26	16.7	2.8	21	12	19
HEA 2503 26 4D	4.64	3.23	4.79	3.43	25.1	4.2	30	12	22
HEA 2504 35 4D	6.36	4.74	6.38	4.71	33.5	5.6	38	12	22
HEA 2505 41 4D	7.95	5.75	8.07	5.89	41.8	7.0	47	15	28
HEA 2506 52 4D	9.39	6.58	9.65	6.96	50.2	8.5	56	15	28
HEA 3001 12 4D	2.35	1.74	2.39	1.76	11.1	1.9	15	12	19
HEA 3002 23 4D	4.78	3.55	4.83	3.58	22.3	3.8	25	12	22
HEA 3003 35 4D	7.20	5.37	7.27	5.40	33.5	5.6	36	12	22
HEA 3004 46 4D	9.50	6.70	9.75	7.05	44.6	7.5	47	15	28
HEA 3005 56 4D	11.98	8.58	12.23	8.94	55.8	9.4	58	15	28
HEA 3006 69 4D	14.06	9.69	14.55	10.34	67.0	11.3	68	15	28
HEA 3501 14 4D	3.29	2.53	3.31	2.52	13.9	2.3	18	12	19
HEA 3502 27 4D	6.65	5.16	6.68	5.12	27.9	4.7	33	12	22
HEA 3503 41 4D	9.94	7.13	10.22	7.54	41.8	7.0	47	15	22
HEA 3504 55 4D	13.48	10.15	13.64	10.42	55.8	9.4	62	15	28
HEA 3505 70 4D	16.69	12.03	17.13	12.68	69.7	11.7	76	15	35
HEA 3506 83 4D	19.43	13.41	20.27	14.33	83.7	14.1	91	15	35
HEA 4001 20 4D	5.02	3.78	5.07	3.86	19.9	3.4	24	12	19
HEA 4002 40 4D	9.99	7.43	10.14	7.68	39.0	6.6	42	12	22
HEA 4003 54 4D	13.41	9.39	13.92	10.11	52.1	8.8	57	15	28
HEA 4004 81 4D	20.10	15.01	20.35	15.48	78.1	13.2	80	15	35
HEA 4501 31 4D	7.79	5.35	8.15	5.84	29.7	5.0	31	12	22
HEA 4502 61 4D	15.89	11.03	16.54	11.81	59.5	10.0	57	15	28
HEA 4503 92 4D	24.70	18.40	25.07	19.06	89.3	15.0	82	15	35
HEA 4504 119 4D	32.10	22.41	33.35	23.92	119.1	20.0	107	22	42
HEA 5001 39 4D	10.16	6.94	10.68	7.54	37.8	6.4	52	15	28
HEA 5001 58 4D	13.66	10.46	13.75	10.43	56.6	9.5	61	15	28
*HEA 5001 76 4D	15.17	10.64	15.63	11.30	75.5	12.7	62	22	35
HEA 5002 81 4D	21.10	14.45	22.12	15.62	78.1	13.2	95	22	35
HEA 5002 121 4D	28.29	20.88	28.70	21.52	117.2	19.7	115	22	35
*HEA 5002 156 4D	31.37	22.10	32.28	23.41	156.2	26.3	125	28	54
HEA 5003 122 4D	33.70	24.76	34.39	25.90	119.7	20.1	140	28	42
HEA 5003 183 4D	40.54	27.26	42.60	29.52	179.5	30.2	169	28	42
*HEA 5003 237 4D	48.58	36.11	49.11	36.40	237.0	39.9	191	28	76
HEA 5004 159 4D	43.00	29.49	45.02	31.84	158.9	26.7	162	28	54
HEA 5004 238 4D	55.79	38.75	57.83	41.47	238.3	40.1	208	28	67
*HEA 5004 318 4D	63.81	45.04	65.58	47.65	317.7	53.5	252	35	76

*The coil has 8 rows.

*内芯列数为8。

HEA SERIES EVAPORATOR

蒸发器系列 HEA

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C
片距4mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEA 2501 09 4D	250	1	1 ~ 230	50	0.2	777	4	2 × 440	1 × 440	1320
HEA 2502 17 4D	250	2	1 ~ 230	100	0.5	1554	5	2 × 730	1 × 730	2190
HEA 2503 26 4D	250	3	1 ~ 230	150	0.7	2332	6	2 × 1030	1 × 1030	3090
HEA 2504 35 4D	250	4	1 ~ 230	200	0.9	3112	7	2 × 1310	1 × 1310	3930
HEA 2505 41 4D	250	5	1 ~ 230	250	1.2	3889	8	2 × 1600	1 × 1600	4800
HEA 2506 52 4D	250	6	1 ~ 230	300	1.4	4666	10	2 × 1890	1 × 1890	5670
HEA 3001 12 4D	300	1	1 ~ 230	72	0.3	1288	6	3 × 440	1 × 440	1760
HEA 3002 23 4D	300	2	1 ~ 230	144	0.6	2577	7	3 × 730	1 × 730	2920
HEA 3003 35 4D	300	3	1 ~ 230	216	1.0	3867	9	3 × 1030	1 × 1030	4120
HEA 3004 46 4D	300	4	1 ~ 230	288	1.3	5155	10	3 × 1310	1 × 1310	5240
HEA 3005 56 4D	300	5	1 ~ 230	360	1.6	6444	13	3 × 1600	1 × 1600	6400
HEA 3006 69 4D	300	6	1 ~ 230	432	1.9	7732	15	3 × 1890	1 × 1890	7560
HEA 3501 14 4D	350	1	1 ~ 230	130	0.6	1759	10	4 × 440	2 × 440	2640
HEA 3502 27 4D	350	2	1 ~ 230	260	1.2	3524	13	4 × 730	2 × 730	4380
HEA 3503 41 4D	350	3	1 ~ 230	390	1.7	5282	16	4 × 1030	2 × 1030	6180
HEA 3504 55 4D	350	4	1 ~ 230	520	2.3	7050	19	4 × 1310	2 × 1310	7860
HEA 3505 70 4D	350	5	1 ~ 230	650	2.9	8808	21	4 × 1600	2 × 1600	9600
HEA 3506 83 4D	350	6	1 ~ 230	780	3.5	10566	23	4 × 1890	2 × 1890	11340
HEA 4001 20 4D	400	1	1 ~ 230	160	0.7	3139	11	4 × 550	1 × 550	2750
HEA 4002 40 4D	400	2	1 ~ 230	320	1.5	6217	13	4 × 1030	1 × 1030	5150
HEA 4003 54 4D	400	3	1 ~ 230	480	2.2	8824	16	4 × 1310	1 × 1310	6550
HEA 4004 81 4D	400	4	1 ~ 230	640	2.9	12439	19	4 × 1890	1 × 1890	9450
HEA 4501 31 4D	450	1	3 ~ 400	460	1.0	5458	15	4 × 730	1 × 730	3650
HEA 4502 61 4D	450	2	3 ~ 400	920	1.9	10920	18	4 × 1310	1 × 1310	6550
HEA 4503 92 4D	450	3	3 ~ 400	1380	2.9	16391	21	4 × 1890	1 × 1890	9450
HEA 4504 119 4D	450	4	3 ~ 400	1840	3.8	21845	23	4 × 2470	1 × 2470	12350
HEA 5001 39 4D	500	1	3 ~ 400	820	1.6	7457	20	6 × 730	1 × 730	5110
HEA 5001 58 4D	500	1	3 ~ 400	820	1.6	6678	17	7 × 730	2 × 730	6570
HEA 5001 76 4D	500	1	3 ~ 400	820	1.6	6088	14	8 × 730	2 × 730	7300
HEA 5002 81 4D	500	2	3 ~ 400	1640	3.2	15106	24	6 × 1400	1 × 1400	9800
HEA 5002 121 4D	500	2	3 ~ 400	1640	3.2	13570	20	7 × 1400	2 × 1400	12600
HEA 5002 156 4D	500	2	3 ~ 400	1640	3.2	12410	16	8 × 1400	2 × 1400	14000
HEA 5003 122 4D	500	3	3 ~ 400	2460	4.8	22842	29	6 × 2050	1 × 2050	14350
HEA 5003 183 4D	500	3	3 ~ 400	2460	4.8	20547	24	7 × 2050	2 × 2050	18450
HEA 5003 237 4D	500	3	3 ~ 400	2460	4.8	18735	19	8 × 2050	2 × 2050	20500
HEA 5004 159 4D	500	4	3 ~ 400	3280	6.4	30391	34	6 × 3390	1 × 3390	23730
HEA 5004 238 4D	500	4	3 ~ 400	3280	6.4	27341	29	7 × 3390	2 × 3390	30510
HEA 5004 318 4D	500	4	3 ~ 400	3280	6.4	25047	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

HFC/HFO/(HCFC)*

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

片距4mm, 带电加热。库温>=0°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEA 5501 51 4D	12.72	9.72	12.79	9.67	50.9	8.6	4	67	15	42
HEA 5501 76 4D	16.36	11.56	16.77	12.12	76.4	12.9	6	83	22	42
HEA 5501 102 4D	18.64	13.94	17.95	13.57	101.9	17.1	8	134	22	54
HEA 5502 105 4D	26.02	19.86	26.14	19.78	104.7	17.6	4	162	28	54
HEA 5502 157 4D	33.53	23.68	34.29	24.79	157.1	26.4	6	201	28	54
HEA 5502 210 4D	36.46	24.93	37.90	26.81	209.5	35.3	8	244	28	54
HEA 5503 159 4D	39.04	27.51	40.17	29.09	158.6	26.7	4	265	28	54
HEA 5503 238 4D	50.68	35.82	51.80	37.48	237.8	40.0	6	323	28	67
HEA 5503 317 4D	57.62	41.65	58.56	42.67	317.1	53.4	8	97	2×28	2×54
HEA 5504 212 4D	52.62	40.12	52.85	40.00	212.4	35.7	4	117	2×28	2×54
HEA 5504 319 4D	64.12	42.67	67.24	46.58	318.5	53.6	6	189	35	67
HEA 5504 425 4D	73.90	50.65	76.73	54.41	424.7	71.5	8	231	2×28	2×54
HEA 6301 73 4D	18.68	13.78	18.94	14.24	72.5	12.2	4	283	22	42
HEA 6301 109 4D	23.78	18.24	22.98	17.59	108.8	18.3	6	342	28	67
HEA 6301 145 4D	27.65	20.48	27.81	20.28	145.1	24.4	8	374	28	67
HEA 6302 149 4D	38.07	28.10	38.60	29.01	148.5	25.0	4	454	28	67
HEA 6302 223 4D	47.30	32.18	49.17	34.62	222.7	37.5	6	151	28	67
HEA 6302 297 4D	56.27	41.74	56.65	41.28	297.0	50.0	8	186	2×28	2×67
HEA 6303 224 4D	56.53	43.80	56.53	42.91	224.4	37.8	4	290	2×28	2×67
HEA 6303 337 4D	71.48	48.67	74.26	52.34	336.6	56.7	6	364	35	76
HEA 6303 449 4D	82.58	57.50	85.10	60.99	448.8	75.6	8	430	2×28	2×67
HEA 6304 300 4D	76.89	56.74	77.91	58.53	300.4	50.6	4	539	2×28	2×67
HEA 6304 451 4D	86.41	-	92.77	61.00	450.5	75.8	6	52	35	76
HEA 6304 601 4D	101.75	66.30	107.91	73.52	600.7	101.1	8	104	2×28	2×67
HEA 8001 118 4D	30.14	22.84	30.34	23.12	117.5	19.8	4	153	28	67
HEA 8001 176 4D	38.86	29.30	39.03	28.97	176.3	29.7	6	205	28	76
HEA 8001 235 4D	44.14	32.40	44.81	32.57	235.1	39.6	8	73	28	76
HEA 8002 240 4D	61.12	43.83	62.59	46.02	239.8	40.4	4	147	35	76
HEA 8002 360 4D	79.07	56.72	80.49	58.87	359.7	60.5	6	220	2×28	2×67
HEA 8002 480 4D	89.78	66.05	90.94	66.47	479.6	80.7	8	290	2×28	2×76
HEA 8003 362 4D	92.47	70.01	93.03	70.94	362.0	60.9	4	115	2×28	2×76
HEA 8003 543 4D	110.20	72.40	116.32	79.00	543.0	91.4	6	225	2×28	2×67
HEA 8003 724 4D	127.55	86.43	133.16	93.71	724.1	121.9	8	333	2×35	2×76

HEA SERIES EVAPORATOR

蒸发器系列 HEA

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C
片距4mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HEA 5501 51 4D	550	1	3 ~ 400	770	1.7	7871	16	4 × 1280	1 × 1280	6400
HEA 5501 76 4D	550	1	3 ~ 400	770	1.7	7399	15	6 × 1280	2 × 1280	10240
HEA 5501 102 4D	550	1	3 ~ 400	770	1.7	6904	14	8 × 1280	2 × 1280	12800
HEA 5502 105 4D	550	2	3 ~ 400	1540	3.3	15829	19	4 × 2320	1 × 2320	11600
HEA 5502 157 4D	550	2	3 ~ 400	1540	3.3	14936	18	6 × 2320	2 × 2320	18560
HEA 5502 210 4D	550	2	3 ~ 400	1540	3.3	13965	17	8 × 2320	2 × 2320	23200
HEA 5503 159 4D	550	3	3 ~ 400	2310	5.0	23776	22	4 × 3200	1 × 3200	16000
HEA 5503 238 4D	550	3	3 ~ 400	2310	5.0	22457	21	6 × 3200	2 × 3200	25600
HEA 5503 317 4D	550	3	3 ~ 400	2310	5.0	21031	20	8 × 3200	2 × 3200	32000
HEA 5504 212 4D	550	4	3 ~ 400	3080	6.6	31743	28	4 × 4260	1 × 4260	21300
HEA 5504 319 4D	550	4	3 ~ 400	3080	6.6	29974	26	6 × 4260	2 × 4260	34080
HEA 5504 425 4D	550	4	3 ~ 400	3080	6.6	28089	24	8 × 4260	2 × 4260	42600
HEA 6301 73 4D	630	1	3 ~ 400	1100	2.2	11682	19	5 × 1510	1 × 1510	9060
HEA 6301 109 4D	630	1	3 ~ 400	1100	2.2	10965	18	7 × 1510	2 × 1510	13590
HEA 6301 145 4D	630	1	3 ~ 400	1100	2.2	10334	17	9 × 1510	2 × 1510	16610
HEA 6302 149 4D	630	2	3 ~ 400	2200	4.4	23475	22	5 × 2740	1 × 2740	16440
HEA 6302 223 4D	630	2	3 ~ 400	2200	4.4	22069	21	7 × 2740	2 × 2740	24660
HEA 6302 297 4D	630	2	3 ~ 400	2200	4.4	20842	20	9 × 2740	2 × 2740	30140
HEA 6303 224 4D	630	3	3 ~ 400	3300	6.6	35279	28	5 × 3800	1 × 3800	22800
HEA 6303 337 4D	630	3	3 ~ 400	3300	6.6	33179	26	7 × 3800	2 × 3800	34200
HEA 6303 449 4D	630	3	3 ~ 400	3300	6.6	31339	24	9 × 3800	2 × 3800	41800
HEA 6304 300 4D	630	4	3 ~ 400	4400	8.8	47056	33	5 × 5060	1 × 5060	30360
HEA 6304 451 4D	630	4	3 ~ 400	4400	8.8	44282	31	7 × 5060	2 × 5060	45540
HEA 6304 601 4D	630	4	3 ~ 400	4400	8.8	41837	29	9 × 5060	2 × 5060	55660
HEA 8001 118 4D	800	1	3 ~ 400	1600	3.5	18865	25	7 × 1700	1 × 1700	13600
HEA 8001 176 4D	800	1	3 ~ 400	1600	3.5	17635	23	10 × 1700	2 × 1700	20400
HEA 8001 235 4D	800	1	3 ~ 400	1600	3.5	16392	21	16 × 1700	2 × 1700	30600
HEA 8002 240 4D	800	2	3 ~ 400	3200	7.0	37904	29	7 × 2810	1 × 2810	22480
HEA 8002 360 4D	800	2	3 ~ 400	3200	7.0	35479	27	10 × 2810	2 × 2810	33720
HEA 8002 480 4D	800	2	3 ~ 400	3200	7.0	33087	25	16 × 2810	2 × 2810	50580
HEA 8003 362 4D	800	3	3 ~ 400	4800	10.5	56974	34	7 × 4420	1 × 4420	35360
HEA 8003 543 4D	800	3	3 ~ 400	4800	10.5	53304	32	10 × 4420	2 × 4420	53040
HEA 8003 724 4D	800	3	3 ~ 400	4800	10.5	49767	30	16 × 4420	2 × 4420	79560

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

HFC/HFO/(HCFC)*

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

片距6mm, 带电化霜库温>=-18°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HEA 2501 06 6D	1.31	0.92	1.35	0.95	5.7	1.4	12	12	16
HEA 2502 11 6D	2.67	1.90	2.74	1.95	11.5	2.8	20	12	19
HEA 2503 17 6D	4.04	2.86	4.14	2.96	17.3	4.2	29	12	22
HEA 2504 23 6D	5.42	4.04	5.29	3.94	23.0	5.6	37	12	22
HEA 2505 29 6D	6.84	5.01	6.92	5.01	28.8	7.0	45	15	28
HEA 2506 35 6D	8.15	5.80	8.32	5.99	34.5	8.5	54	15	28
HEA 3001 08 6D	2.00	1.48	2.00	1.47	7.6	1.9	14	12	19
HEA 3002 15 6D	4.05	3.02	4.03	2.98	15.3	3.8	25	12	22
HEA 3003 23 6D	6.09	4.56	6.07	4.49	23.0	5.6	35	12	22
HEA 3004 31 6D	8.16	5.83	8.31	6.02	30.7	7.5	45	15	28
HEA 3005 38 6D	10.24	7.45	10.39	7.58	38.4	9.4	55	15	28
HEA 3006 46 6D	12.16	8.52	12.47	8.97	46.1	11.3	66	15	28
HEA 3501 10 6D	2.87	2.23	2.82	2.16	9.6	2.3	18	12	19
HEA 3502 19 6D	5.80	4.51	5.69	4.38	19.2	4.7	32	12	22
HEA 3503 28 6D	8.83	6.40	9.02	6.69	28.8	7.0	46	15	22
HEA 3504 38 6D	11.83	9.00	11.94	9.03	38.4	9.4	60	15	28
HEA 3505 48 6D	14.81	10.78	15.11	11.24	48.0	11.7	74	15	35
HEA 3506 57 6D	17.43	12.21	18.03	13.02	57.6	14.1	88	15	35
HEA 4001 13 6D	4.24	3.22	4.25	3.18	13.7	3.4	23	12	19
HEA 4002 27 6D	8.47	6.36	8.55	6.40	26.8	6.6	41	12	22
HEA 4003 36 6D	11.63	8.25	11.96	8.72	35.8	8.8	55	15	28
HEA 4004 54 6D	17.00	12.82	17.16	12.87	53.7	13.2	78	15	35
HEA 4501 20 6D	6.73	4.71	6.96	5.02	20.4	5.0	30	12	22
HEA 4502 41 6D	13.67	9.66	14.09	10.23	40.9	10.0	54	15	28
HEA 4503 61 6D	20.81	15.61	21.02	15.91	61.4	15.0	79	15	35
HEA 4504 82 6D	27.57	19.56	28.34	20.65	81.9	20.0	103	22	42
HEA 5001 26 6D	8.84	6.15	9.18	6.60	26.0	6.4	51	15	28
HEA 5001 39 6D	11.90	9.15	11.75	8.93	39.0	9.5	59	15	28
*HEA 5001 52 6D	13.95	9.87	14.30	10.31	51.9	12.7	59	22	35
HEA 5002 54 6D	18.29	12.76	18.96	13.64	53.7	13.2	93	22	35
HEA 5002 81 6D	24.83	18.57	25.16	18.77	80.6	19.7	110	22	35
*HEA 5002 108 6D	28.82	20.47	29.50	21.37	107.5	26.3	120	28	54
HEA 5003 82 6D	28.55	21.16	28.95	21.84	82.3	20.1	135	28	42
HEA 5003 122 6D	36.53	24.97	38.01	26.85	123.5	30.2	162	28	42
*HEA 5003 163 6D	44.02	32.85	44.37	32.76	163.0	39.9	182	28	76
HEA 5004 109 6D	37.22	26.00	38.53	27.74	109.3	26.7	156	28	54
HEA 5004 164 6D	49.76	35.05	51.19	37.00	163.9	40.1	199	28	67
*HEA 5004 219 6D	58.57	41.70	59.91	43.69	218.5	53.5	240	35	76

*The coil has 8 rows.

*内芯列数为8。

HEA SERIES EVAPORATOR

蒸发器系列 HEA

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C
片距6mm, 带电化霜库温>=-18°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEA 2501 06 6D	250	1	1 ~ 230	50	0.2	822	4	2 × 440	1 × 440	1320
HEA 2502 11 6D	250	2	1 ~ 230	100	0.5	1646	5	2 × 730	1 × 730	2190
HEA 2503 17 6D	250	3	1 ~ 230	150	0.7	2469	6	2 × 1030	1 × 1030	3090
HEA 2504 23 6D	250	4	1 ~ 230	200	0.9	3295	7	2 × 1310	1 × 1310	3930
HEA 2505 29 6D	250	5	1 ~ 230	250	1.2	4117	8	2 × 1600	1 × 1600	4800
HEA 2506 35 6D	250	6	1 ~ 230	300	1.4	4940	10	2 × 1890	1 × 1890	5670
HEA 3001 08 6D	300	1	1 ~ 230	72	0.3	1350	6	3 × 440	1 × 440	1760
HEA 3002 15 6D	300	2	1 ~ 230	144	0.6	2702	7	3 × 730	1 × 730	2920
HEA 3003 23 6D	300	3	1 ~ 230	216	1.0	4054	9	3 × 1030	1 × 1030	4120
HEA 3004 31 6D	300	4	1 ~ 230	288	1.3	5404	11	3 × 1310	1 × 1310	5240
HEA 3005 38 6D	300	5	1 ~ 230	360	1.6	6756	13	3 × 1600	1 × 1600	6400
HEA 3006 46 6D	300	6	1 ~ 230	432	1.9	8105	15	3 × 1890	1 × 1890	7560
HEA 3501 10 6D	350	1	1 ~ 230	130	0.6	1920	10	4 × 440	2 × 440	2640
HEA 3502 19 6D	350	2	1 ~ 230	260	1.2	3846	14	4 × 730	2 × 730	4380
HEA 3503 28 6D	350	3	1 ~ 230	390	1.7	5762	16	4 × 1030	2 × 1030	6180
HEA 3504 38 6D	350	4	1 ~ 230	520	2.3	7691	20	4 × 1310	2 × 1310	7860
HEA 3505 48 6D	350	5	1 ~ 230	650	2.9	9608	22	4 × 1600	2 × 1600	9600
HEA 3506 57 6D	350	6	1 ~ 230	780	3.5	11525	24	4 × 1890	2 × 1890	11340
HEA 4001 13 6D	400	1	1 ~ 230	160	0.7	3294	11	4 × 550	1 × 550	2750
HEA 4002 27 6D	400	2	1 ~ 230	320	1.5	6536	14	4 × 1030	1 × 1030	5150
HEA 4003 36 6D	400	3	1 ~ 230	480	2.2	9370	16	4 × 1310	1 × 1310	6550
HEA 4004 54 6D	400	4	1 ~ 230	640	2.9	13074	19	4 × 1890	1 × 1890	9450
HEA 4501 20 6D	450	1	3 ~ 400	460	1.0	5686	15	4 × 730	1 × 730	3650
HEA 4502 41 6D	450	2	3 ~ 400	920	1.9	11375	18	4 × 1310	1 × 1310	6550
HEA 4503 61 6D	450	3	3 ~ 400	1380	2.9	17074	22	4 × 1890	1 × 1890	9450
HEA 4504 82 6D	450	4	3 ~ 400	1840	3.8	22753	24	4 × 2470	1 × 2470	12350
HEA 5001 26 6D	500	1	3 ~ 400	820	1.6	7809	24	6 × 730	1 × 730	5110
HEA 5001 39 6D	500	1	3 ~ 400	820	1.6	7095	21	7 × 730	2 × 730	6570
HEA 5001 52 6D	500	1	3 ~ 400	820	1.6	6521	18	8 × 730	2 × 730	7300
HEA 5002 54 6D	500	2	3 ~ 400	1640	3.2	15791	24	6 × 1400	1 × 1400	9800
HEA 5002 81 6D	500	2	3 ~ 400	1640	3.2	14395	20	7 × 1400	2 × 1400	12600
HEA 5002 108 6D	500	2	3 ~ 400	1640	3.2	13265	16	8 × 1400	2 × 1400	14000
HEA 5003 82 6D	500	3	3 ~ 400	2460	4.8	23858	29	6 × 2050	1 × 2050	14350
HEA 5003 122 6D	500	3	3 ~ 400	2460	4.8	21773	24	7 × 2050	2 × 2050	18450
HEA 5003 163 6D	500	3	3 ~ 400	2460	4.8	20014	19	8 × 2050	2 × 2050	20500
HEA 5004 109 6D	500	4	3 ~ 400	3280	6.4	31748	34	6 × 3390	1 × 3390	23730
HEA 5004 164 6D	500	4	3 ~ 400	3280	6.4	28980	29	7 × 3390	2 × 3390	30510
HEA 5004 219 6D	500	4	3 ~ 400	3280	6.4	26745	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

HFC/HFO/(HCFC)*

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

片距6mm, 带电化霜库温>=-18°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEA 5501 35 6D	10.56	8.07	10.33	7.81	35.0	8.6	4	64	15	42
HEA 5501 53 6D	14.34	10.32	14.60	10.56	52.6	12.9	6	79	22	42
HEA 5501 70 6D	16.68	12.41	15.70	12.00	70.1	17.1	8	128	22	54
HEA 5502 72 6D	21.58	16.46	21.21	15.97	72.0	17.6	4	154	28	54
HEA 5502 108 6D	29.33	20.96	29.82	21.58	108.1	26.4	6	192	28	54
HEA 5502 144 6D	33.65	23.22	34.76	24.71	144.1	35.3	8	232	28	54
HEA 5503 109 6D	33.07	23.61	33.74	24.57	109.1	26.7	4	253	28	54
HEA 5503 164 6D	44.32	31.69	45.05	32.60	163.6	40.0	6	307	28	67
HEA 5503 218 6D	52.37	38.15	53.11	38.14	218.1	53.4	8	93	2×28	2×54
HEA 5504 146 6D	43.62	33.25	42.97	32.30	146.1	35.7	4	111	2×28	2×54
HEA 5504 219 6D	57.22	38.83	59.42	41.71	219.1	53.6	6	180	35	67
HEA 5504 292 6D	68.16	47.13	70.34	50.06	292.1	71.5	8	220	2×28	2×54
HEA 6301 50 6D	15.61	11.64	15.77	11.68	49.9	12.2	4	270	22	42
HEA 6301 75 6D	20.39	15.45	19.05	14.76	74.8	18.3	6	325	28	67
HEA 6301 100 6D	24.74	18.31	24.43	18.02	99.8	24.4	8	357	28	67
HEA 6302 102 6D	31.80	23.69	32.11	23.80	102.1	25.0	4	431	28	67
HEA 6302 153 6D	41.93	28.99	43.22	30.75	153.2	37.5	6	145	28	67
HEA 6302 204 6D	50.36	37.36	49.83	36.66	204.3	50.0	8	177	2×28	2×67
HEA 6303 154 6D	46.66	35.98	44.74	34.33	154.4	37.8	4	276	2×28	2×67
HEA 6303 232 6D	63.32	43.84	65.24	46.47	231.5	56.7	6	346	35	76
HEA 6303 309 6D	75.30	52.97	77.15	55.34	308.7	75.6	8	409	2×28	2×67
HEA 6304 207 6D	64.19	47.79	64.78	48.03	206.6	50.6	4	511	2×28	2×67
HEA 6304 310 6D	78.47	50.86	83.23	55.46	309.9	75.8	6	50	35	76
HEA 6304 413 6D	94.51	62.57	99.38	68.50	413.2	101.1	8	100	2×28	2×67
HEA 8001 81 6D	25.12	19.13	25.07	18.75	80.8	19.8	4	147	28	67
HEA 8001 121 6D	33.48	25.31	32.66	24.57	121.3	29.7	6	197	28	76
HEA 8001 162 6D	40.10	29.37	40.56	29.31	161.7	39.6	8	70	28	76
HEA 8002 165 6D	51.68	37.42	52.53	38.60	164.9	40.4	4	141	35	76
HEA 8002 247 6D	68.94	50.30	69.84	51.07	247.4	60.5	6	211	2×28	2×67
HEA 8002 330 6D	81.48	59.74	82.37	59.50	329.9	80.7	8	278	2×28	2×76
HEA 8003 249 6D	76.99	58.52	77.13	57.49	249.0	60.9	4	110	2×28	2×76
HEA 8003 374 6D	98.85	66.35	103.23	71.94	373.5	91.4	6	215	2×28	2×67
HEA 8003 498 6D	118.14	80.72	122.53	86.49	498.0	121.9	8	320	2×35	2×76

HEA SERIES EVAPORATOR

蒸发器系列 HEA

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C
片距6mm, 带电化霜库温>=-18°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HEA 5501 35 6D	550	1	3 ~ 400	770	1.7	8074	17	4 × 1280	1 × 1280	6400
HEA 5501 53 6D	550	1	3 ~ 400	770	1.7	7663	16	6 × 1280	2 × 1280	10240
HEA 5501 70 6D	550	1	3 ~ 400	770	1.7	7276	15	8 × 1280	2 × 1280	12800
HEA 5502 72 6D	550	2	3 ~ 400	1540	3.3	16230	20	4 × 2320	1 × 2320	11600
HEA 5502 108 6D	550	2	3 ~ 400	1540	3.3	15424	19	6 × 2320	2 × 2320	18560
HEA 5502 144 6D	550	2	3 ~ 400	1540	3.3	14695	18	8 × 2320	2 × 2320	23200
HEA 5503 109 6D	550	3	3 ~ 400	2310	5.0	24373	23	4 × 3200	1 × 3200	16000
HEA 5503 164 6D	550	3	3 ~ 400	2310	5.0	23184	22	6 × 3200	2 × 3200	25600
HEA 5503 218 6D	550	3	3 ~ 400	2310	5.0	22123	21	8 × 3200	2 × 3200	32000
HEA 5504 146 6D	550	4	3 ~ 400	3080	6.6	32538	27	4 × 4260	1 × 4260	21300
HEA 5504 219 6D	550	4	3 ~ 400	3080	6.6	30938	26	6 × 4260	2 × 4260	34080
HEA 5504 292 6D	550	4	3 ~ 400	3080	6.6	29542	25	8 × 4260	2 × 4260	42600
HEA 6301 50 6D	630	1	3 ~ 400	1100	2.2	11978	20	5 × 1510	1 × 1510	9060
HEA 6301 75 6D	630	1	3 ~ 400	1100	2.2	11369	19	7 × 1510	2 × 1510	13590
HEA 6301 100 6D	630	1	3 ~ 400	1100	2.2	10803	18	9 × 1510	2 × 1510	16610
HEA 6302 102 6D	630	2	3 ~ 400	2200	4.4	24044	23	5 × 2740	1 × 2740	16440
HEA 6302 153 6D	630	2	3 ~ 400	2200	4.4	22848	22	7 × 2740	2 × 2740	24660
HEA 6302 204 6D	630	2	3 ~ 400	2200	4.4	21766	21	9 × 2740	2 × 2740	30140
HEA 6303 154 6D	630	3	3 ~ 400	3300	6.6	36112	27	5 × 3800	1 × 3800	22800
HEA 6303 232 6D	630	3	3 ~ 400	3300	6.6	34334	26	7 × 3800	2 × 3800	34200
HEA 6303 309 6D	630	3	3 ~ 400	3300	6.6	32716	25	9 × 3800	2 × 3800	41800
HEA 6304 207 6D	630	4	3 ~ 400	4400	8.8	48157	34	5 × 5060	1 × 5060	30360
HEA 6304 310 6D	630	4	3 ~ 400	4400	8.8	45813	32	7 × 5060	2 × 5060	45540
HEA 6304 413 6D	630	4	3 ~ 400	4400	8.8	43666	30	9 × 5060	2 × 5060	55660
HEA 8001 81 6D	800	1	3 ~ 400	1600	3.5	19462	25	7 × 1700	1 × 1700	13600
HEA 8001 121 6D	800	1	3 ~ 400	1600	3.5	18277	24	10 × 1700	2 × 1700	20400
HEA 8001 162 6D	800	1	3 ~ 400	1600	3.5	17358	23	16 × 1700	2 × 1700	30600
HEA 8002 165 6D	800	2	3 ~ 400	3200	7.0	39071	29	7 × 2810	1 × 2810	22480
HEA 8002 247 6D	800	2	3 ~ 400	3200	7.0	36729	28	10 × 2810	2 × 2810	33720
HEA 8002 330 6D	800	2	3 ~ 400	3200	7.0	34965	27	16 × 2810	2 × 2810	50580
HEA 8003 249 6D	800	3	3 ~ 400	4800	10.5	58702	34	7 × 4420	1 × 4420	35360
HEA 8003 374 6D	800	3	3 ~ 400	4800	10.5	55173	33	10 × 4420	2 × 4420	53040
HEA 8003 498 6D	800	3	3 ~ 400	4800	10.5	52541	32	16 × 4420	2 × 4420	79560

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

HFC/HFO/(HCFC)*

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

片距9mm, 带电加热。库温>=-35°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HEA 2501 04 9D	1.10	0.78	1.13	0.79	4.0	1.4	11	12	16
HEA 2502 08 9D	2.25	1.61	2.29	1.61	8.0	2.8	19	12	19
HEA 2503 12 9D	3.39	2.44	3.44	2.44	12.0	4.2	27	12	22
HEA 2504 16 9D	4.46	3.27	4.24	3.18	16.1	5.6	36	12	22
HEA 2505 20 9D	5.67	4.16	5.62	4.07	20.1	7.0	44	15	28
HEA 2506 24 9D	6.81	4.95	6.92	4.93	24.1	8.5	51	15	28
HEA 3001 06 9D	1.65	1.21	1.59	1.18	5.3	1.9	14	12	19
HEA 3002 10 9D	3.32	2.45	3.20	2.39	10.7	3.8	24	12	22
HEA 3003 16 9D	5.00	3.70	4.81	3.59	16.0	5.6	33	12	22
HEA 3004 21 9D	6.76	4.91	6.85	4.91	21.4	7.5	43	15	28
HEA 3005 27 9D	8.45	6.19	8.52	6.14	26.8	9.4	53	15	28
HEA 3006 31 9D	10.14	7.29	10.31	7.37	32.1	11.3	63	15	28
HEA 3501 07 9D	2.43	1.85	2.30	1.78	6.7	2.3	17	12	19
HEA 3502 13 9D	4.90	3.74	4.63	3.59	13.4	4.7	31	12	22
HEA 3503 20 9D	7.56	5.55	7.67	5.65	20.1	7.0	44	15	22
HEA 3504 27 9D	10.02	7.59	9.95	7.45	26.8	9.4	57	15	28
HEA 3505 34 9D	12.66	9.31	12.84	9.47	33.5	11.7	70	15	35
HEA 3506 40 9D	15.06	10.66	15.45	11.19	40.2	14.1	84	15	35
HEA 4001 09 9D	3.46	2.61	3.33	2.52	9.6	3.4	22	12	19
HEA 4002 18 9D	6.93	5.21	6.87	5.10	18.7	6.6	39	12	22
HEA 4003 24 9D	9.70	6.97	9.89	7.21	25.0	8.8	53	15	28
HEA 4004 36 9D	13.91	10.47	13.78	10.25	37.5	13.2	74	15	35
HEA 4501 14 9D	5.61	3.99	5.75	4.15	14.3	5.0	28	12	22
HEA 4502 28 9D	11.36	8.12	11.59	8.42	28.5	10.0	51	15	28
HEA 4503 41 9D	16.98	12.79	17.04	12.61	42.8	15.0	74	15	35
HEA 4504 57 9D	22.84	16.40	23.28	16.95	57.1	20.0	97	22	42
HEA 5001 17 9D	7.40	5.24	7.60	5.50	18.1	6.4	49	15	28
HEA 5001 26 9D	10.03	7.62	9.54	7.32	27.2	9.5	57	15	28
*HEA 5001 36 9D	12.31	8.89	12.55	9.06	36.2	12.7	56	22	35
HEA 5002 36 9D	15.28	10.81	15.66	11.33	37.5	13.2	89	22	35
HEA 5002 54 9D	20.99	15.71	21.06	15.53	56.2	19.7	105	22	35
*HEA 5002 75 9D	25.40	18.40	25.86	18.70	75.0	26.3	112	28	54
HEA 5003 54 9D	23.36	17.44	23.58	17.45	57.4	20.1	129	28	42
HEA 5003 82 9D	31.61	21.95	32.57	23.27	86.1	30.2	154	28	42
*HEA 5003 114 9D	38.31	28.66	37.85	28.11	113.7	39.9	170	28	76
HEA 5004 76 9D	31.03	21.97	31.78	23.00	76.2	26.7	149	28	54
HEA 5004 114 9D	42.66	30.38	43.54	31.49	114.3	40.1	188	28	67
*HEA 5004 152 9D	51.58	37.43	52.48	37.99	152.4	53.5	225	35	76

*The coil has 8 rows.

*内芯列数为8。

HEA SERIES EVAPORATOR

蒸发器系列 HEA

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C
片距9mm, 带电加热。库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEA 2501 04 9D	250	1	1 ~ 230	50	0.2	866	4	2 × 440	1 × 440	1320
HEA 2502 08 9D	250	2	1 ~ 230	100	0.5	1733	5	2 × 730	1 × 730	2190
HEA 2503 12 9D	250	3	1 ~ 230	150	0.7	2599	6	2 × 1030	1 × 1030	3090
HEA 2504 16 9D	250	4	1 ~ 230	200	0.9	3469	7	2 × 1310	1 × 1310	3930
HEA 2505 20 9D	250	5	1 ~ 230	250	1.2	4334	9	2 × 1600	1 × 1600	4800
HEA 2506 24 9D	250	6	1 ~ 230	300	1.4	5200	10	2 × 1890	1 × 1890	5670
HEA 3001 06 9D	300	1	1 ~ 230	72	0.3	1412	6	3 × 440	1 × 440	1760
HEA 3002 10 9D	300	2	1 ~ 230	144	0.6	2826	7	3 × 730	1 × 730	2920
HEA 3003 16 9D	300	3	1 ~ 230	216	1.0	4240	9	3 × 1030	1 × 1030	4120
HEA 3004 21 9D	300	4	1 ~ 230	288	1.3	5651	11	3 × 1310	1 × 1310	5240
HEA 3005 27 9D	300	5	1 ~ 230	360	1.6	7065	13	3 × 1600	1 × 1600	6400
HEA 3006 31 9D	300	6	1 ~ 230	432	1.9	8475	15	3 × 1890	1 × 1890	7560
HEA 3501 07 9D	350	1	1 ~ 230	130	0.6	2084	11	4 × 440	2 × 440	2640
HEA 3502 13 9D	350	2	1 ~ 230	260	1.2	4174	14	4 × 730	2 × 730	4380
HEA 3503 20 9D	350	3	1 ~ 230	390	1.7	6252	17	4 × 1030	2 × 1030	6180
HEA 3504 27 9D	350	4	1 ~ 230	520	2.3	8346	20	4 × 1310	2 × 1310	7860
HEA 3505 34 9D	350	5	1 ~ 230	650	2.9	10424	22	4 × 1600	2 × 1600	9600
HEA 3506 40 9D	350	6	1 ~ 230	780	3.5	12503	24	4 × 1890	2 × 1890	11340
HEA 4001 09 9D	400	1	1 ~ 230	160	0.7	3438	11	4 × 550	1 × 550	2750
HEA 4002 18 9D	400	2	1 ~ 230	320	1.5	6826	14	4 × 1030	1 × 1030	5150
HEA 4003 24 9D	400	3	1 ~ 230	480	2.2	9837	16	4 × 1310	1 × 1310	6550
HEA 4004 36 9D	400	4	1 ~ 230	640	2.9	13655	20	4 × 1890	1 × 1890	9450
HEA 4501 14 9D	450	1	3 ~ 400	460	1.0	5900	15	4 × 730	1 × 730	3650
HEA 4502 28 9D	450	2	3 ~ 400	920	1.9	11803	18	4 × 1310	1 × 1310	6550
HEA 4503 41 9D	450	3	3 ~ 400	1380	2.9	17716	22	4 × 1890	1 × 1890	9450
HEA 4504 57 9D	450	4	3 ~ 400	1840	3.8	23609	24	4 × 2470	1 × 2470	12350
HEA 5001 17 9D	500	1	3 ~ 400	820	1.6	8129	26	6 × 730	1 × 730	5110
HEA 5001 26 9D	500	1	3 ~ 400	820	1.6	7495	23	7 × 730	2 × 730	6570
HEA 5001 36 9D	500	1	3 ~ 400	820	1.6	6940	20	8 × 730	2 × 730	7300
HEA 5002 36 9D	500	2	3 ~ 400	1640	3.2	16404	24	6 × 1400	1 × 1400	9800
HEA 5002 54 9D	500	2	3 ~ 400	1640	3.2	15170	20	7 × 1400	2 × 1400	12600
HEA 5002 75 9D	500	2	3 ~ 400	1640	3.2	14095	16	8 × 1400	2 × 1400	14000
HEA 5003 54 9D	500	3	3 ~ 400	2460	4.8	24742	29	6 × 2050	1 × 2050	14350
HEA 5003 82 9D	500	3	3 ~ 400	2460	4.8	22908	24	7 × 2050	2 × 2050	18450
HEA 5003 114 9D	500	3	3 ~ 400	2460	4.8	21259	19	8 × 2050	2 × 2050	20500
HEA 5004 76 9D	500	4	3 ~ 400	3280	6.4	32938	34	6 × 3390	1 × 3390	23730
HEA 5004 114 9D	500	4	3 ~ 400	3280	6.4	30501	29	7 × 3390	2 × 3390	30510
HEA 5004 152 9D	500	4	3 ~ 400	3280	6.4	28399	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

HFC/HFO/(HCFC)*

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

片距9mm, 带电加热。库温>=-35°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEA 5501 24 9D	8.51	6.36	7.97	6.10	24.4	8.6	4	60	15	42
HEA 5501 37 9D	12.09	8.76	12.24	8.77	36.7	12.9	6	74	22	42
HEA 5501 49 9D	14.00	10.47	13.11	10.08	48.9	17.1	8	120	22	54
HEA 5502 50 9D	17.38	13.00	16.36	12.48	50.2	17.6	4	144	28	54
HEA 5502 75 9D	24.69	17.93	24.99	17.93	75.4	26.4	6	180	28	54
HEA 5502 101 9D	29.66	20.71	30.41	21.56	100.5	35.3	8	217	28	54
HEA 5503 76 9D	27.03	19.57	27.42	19.79	76.1	26.7	4	238	28	54
HEA 5503 114 9D	37.29	27.11	37.74	27.06	114.1	40.0	6	286	28	67
HEA 5503 152 9D	45.41	33.19	45.64	32.67	152.1	53.4	8	88	2×28	2×54
HEA 5504 102 9D	35.11	26.28	33.15	25.23	101.9	35.7	4	105	2×28	2×54
HEA 5504 153 9D	49.06	34.04	50.43	35.73	152.8	53.6	6	170	35	67
HEA 5504 204 9D	59.99	42.08	61.44	43.70	203.7	71.5	8	206	2×28	2×54
HEA 6301 35 9D	12.60	9.39	12.45	9.17	34.8	12.2	4	254	22	42
HEA 6301 52 9D	16.46	12.50	15.22	11.92	52.2	18.3	6	304	28	67
HEA 6301 70 9D	21.32	15.67	20.50	15.26	69.6	24.4	8	336	28	67
HEA 6302 71 9D	25.64	19.07	25.40	18.66	71.2	25.0	4	402	28	67
HEA 6302 107 9D	35.70	25.15	36.49	26.02	106.8	37.5	6	136	28	67
HEA 6302 143 9D	43.36	31.87	41.82	31.04	142.5	50.0	8	166	2×28	2×67
HEA 6303 108 9D	37.11	27.88	34.22	26.57	107.7	37.8	4	259	2×28	2×67
HEA 6303 162 9D	53.90	38.00	55.05	39.33	161.5	56.7	6	323	35	76
HEA 6303 215 9D	65.84	47.23	67.05	47.89	215.3	75.6	8	383	2×28	2×67
HEA 6304 144 9D	51.71	38.44	51.28	37.64	144.1	50.6	4	477	2×28	2×67
HEA 6304 216 9D	68.52	45.65	71.67	49.56	216.1	75.8	6	47	35	76
HEA 6304 288 9D	84.34	56.99	87.76	61.32	288.2	101.1	8	95	2×28	2×67
HEA 8001 56 9D	20.29	15.26	19.37	14.68	56.4	19.8	4	140	28	67
HEA 8001 85 9D	27.92	20.81	26.33	20.04	84.6	29.7	6	187	28	76
HEA 8001 113 9D	34.70	25.42	34.48	25.03	112.8	39.6	8	67	28	76
HEA 8002 115 9D	42.12	30.84	42.60	30.94	115.0	40.4	4	134	35	76
HEA 8002 173 9D	58.02	42.48	58.54	42.28	172.5	60.5	6	200	2×28	2×67
HEA 8002 230 9D	70.44	51.81	70.10	50.82	230.1	80.7	8	264	2×28	2×76
HEA 8003 174 9D	62.05	46.73	59.59	44.98	173.7	60.9	4	105	2×28	2×76
HEA 8003 261 9D	85.39	58.69	88.21	62.44	260.5	91.4	6	204	2×28	2×67
HEA 8003 347 9D	104.31	72.55	107.29	76.17	347.4	121.9	8	303	2×35	2×76

HEA SERIES EVAPORATOR

蒸发器系列 HEA

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C
片距9mm, 带电加热。库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HEA 5501 24 9D	550	1	3 ~ 400	770	1.7	8257	17	4 × 1280	1 × 1280	6400
HEA 5501 37 9D	550	1	3 ~ 400	770	1.7	7884	16	6 × 1280	2 × 1280	10240
HEA 5501 49 9D	550	1	3 ~ 400	770	1.7	7581	16	8 × 1280	2 × 1280	12800
HEA 5502 50 9D	550	2	3 ~ 400	1540	3.3	16586	21	4 × 2320	1 × 2320	11600
HEA 5502 75 9D	550	2	3 ~ 400	1540	3.3	15857	20	6 × 2320	2 × 2320	18560
HEA 5502 101 9D	550	2	3 ~ 400	1540	3.3	15254	19	8 × 2320	2 × 2320	23200
HEA 5503 76 9D	550	3	3 ~ 400	2310	5.0	24903	24	4 × 3200	1 × 3200	16000
HEA 5503 114 9D	550	3	3 ~ 400	2310	5.0	23827	23	6 × 3200	2 × 3200	25600
HEA 5503 152 9D	550	3	3 ~ 400	2310	5.0	22936	22	8 × 3200	2 × 3200	32000
HEA 5504 102 9D	550	4	3 ~ 400	3080	6.6	33241	28	4 × 4260	1 × 4260	21300
HEA 5504 153 9D	550	4	3 ~ 400	3080	6.6	31791	27	6 × 4260	2 × 4260	34080
HEA 5504 204 9D	550	4	3 ~ 400	3080	6.6	30609	26	8 × 4260	2 × 4260	42600
HEA 6301 35 9D	630	1	3 ~ 400	1100	2.2	12177	20	5 × 1510	1 × 1510	9060
HEA 6301 52 9D	630	1	3 ~ 400	1100	2.2	11716	19	7 × 1510	2 × 1510	13590
HEA 6301 70 9D	630	1	3 ~ 400	1100	2.2	11231	19	9 × 1510	2 × 1510	16610
HEA 6302 71 9D	630	2	3 ~ 400	2200	4.4	24405	24	5 × 2740	1 × 2740	16440
HEA 6302 107 9D	630	2	3 ~ 400	2200	4.4	23517	23	7 × 2740	2 × 2740	24660
HEA 6302 143 9D	630	2	3 ~ 400	2200	4.4	22596	22	9 × 2740	2 × 2740	30140
HEA 6303 108 9D	630	3	3 ~ 400	3300	6.6	36642	28	5 × 3800	1 × 3800	22800
HEA 6303 162 9D	630	3	3 ~ 400	3300	6.6	35328	27	7 × 3800	2 × 3800	34200
HEA 6303 215 9D	630	3	3 ~ 400	3300	6.6	33947	26	9 × 3800	2 × 3800	41800
HEA 6304 144 9D	630	4	3 ~ 400	4400	8.8	48861	35	5 × 5060	1 × 5060	30360
HEA 6304 216 9D	630	4	3 ~ 400	4400	8.8	47132	33	7 × 5060	2 × 5060	45540
HEA 6304 288 9D	630	4	3 ~ 400	4400	8.8	45299	31	9 × 5060	2 × 5060	55660
HEA 8001 56 9D	800	1	3 ~ 400	1600	3.5	19936	25	7 × 1700	1 × 1700	13600
HEA 8001 85 9D	800	1	3 ~ 400	1600	3.5	18917	24	10 × 1700	2 × 1700	20400
HEA 8001 113 9D	800	1	3 ~ 400	1600	3.5	18052	23	16 × 1700	2 × 1700	30600
HEA 8002 115 9D	800	2	3 ~ 400	3200	7.0	39987	30	7 × 2810	1 × 2810	22480
HEA 8002 173 9D	800	2	3 ~ 400	3200	7.0	38007	29	10 × 2810	2 × 2810	33720
HEA 8002 230 9D	800	2	3 ~ 400	3200	7.0	36293	28	16 × 2810	2 × 2810	50580
HEA 8003 174 9D	800	3	3 ~ 400	4800	10.5	60065	37	7 × 4420	1 × 4420	35360
HEA 8003 261 9D	800	3	3 ~ 400	4800	10.5	57082	35	10 × 4420	2 × 4420	53040
HEA 8003 347 9D	800	3	3 ~ 400	4800	10.5	54516	33	16 × 4420	2 × 4420	79560

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

AVAILABLE OPTIONS FOR HEA 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
- SS1: 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 bigger models
- Streamers: Air-guiding device for increased airtrow

Casing options:

- White powder-coated painted aluminium: standard models
- SS2: stainless steel AISI SUS304

Refrigerant options:

- HFC/HFO (A1): standard models
- HFO/HFC (A2L): coming soon
- Glicol: available, please contact our Technical Department
- NH3: see HEA N models
- CO2: see HEA CO2 models

Other options:

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

HEA 系列选配件

化霜:

- 无化霜 (空气)
- D: 电化霜: 标准型号
- HG: 热氟
- W: 水
- HGD: 内芯热氟化霜, 接水盘电化霜
- WD: 水和电化霜

盘管材质:

- 铜管: 标准型号
- SS1: 304不锈钢

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

- EC风机
- 风筒电加热: 仅供500mm及以上的风机
- 导风筒: 增加射程

外壳:

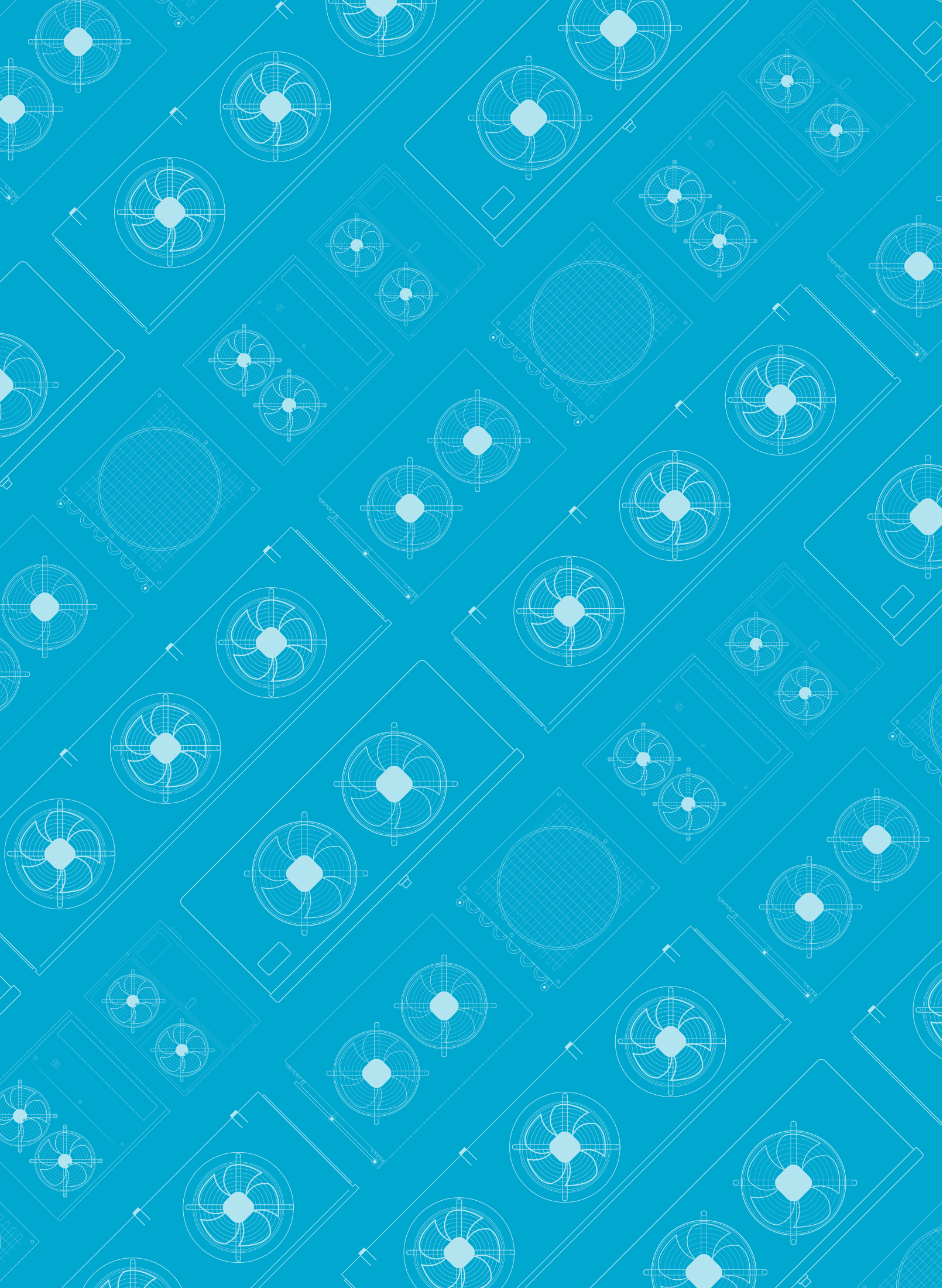
- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

制冷剂:

- HFC/HFO (A1): 标准型号
- HFO/HFC (A2L): 即将上市
- 乙二醇: 可选, 请联系Hispania
- 氨: 请见HEA N
- CO2: 请见HEA CO2

其他:

- 双接水盘 (低温工况推荐)
- 电化霜热保护器





INDUSTRIAL CUBIC EVAPORATORS

工业用蒸发器

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

The exchange coils used in the HEB range are built with a geometry of recognized high efficiency, with special profile aluminum fins and $\varnothing 15$ mm high quality copper tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

The HEB range has models with 4 different fin pitch depending on the temperature of the cold room:

- HEB XXXX XX 4.5X: with 4.5 mm pitch, suitable for high temperatures in the cold room ($R_t \geq 0^\circ\text{C}$)
- HEB XXXX XX 7X: with 7 mm pitch, suitable for medium temperatures in the cold room ($R_t \geq -20^\circ\text{C}$)
- HEB XXXX XX 10X: with 10 mm pitch, suitable for low temperatures in the cold room ($R_t \geq -35^\circ\text{C}$)
- HEB XXXX XX 12X: with 12 mm pitch, suitable for low temperatures in the cold room ($R_t \geq -40^\circ\text{C}$)

The increased pitch compared to commercial models allows for harder use with more frost production.

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

- $\varnothing 500, 550, 630$ mm: three-phase 400V/3/50 Hz with external rotor, with type K grid and nozzle (short mouth)
- . Operating temperature -40°C to $+40^\circ\text{C}$.

HEB SERIES EVAPORATOR

蒸发器系列 HEB

HEB系列工业用蒸发器适用于冷库的冷冻冷藏需求。

HEB的高效内芯采用铝箔和 $\varnothing 15$ mm高质量铜管，具有较高的换热性能。所有内芯均经过清洁和30bar保压测试。

HEB有四种片距，满足不同温度的应用：

- HEB XXXX XX 4.5X: 4.5mm片距，适用于高温库 ($R_t \geq 0^\circ\text{C}$)
- HEB XXXX XX 7X: 7mm片距，适用于中温库 ($R_t \geq -20^\circ\text{C}$)
- HEB XXXX XX 10X: 10mm片距，适用于低温库 ($R_t \geq -35^\circ\text{C}$)
- HEB XXXX XX 12X: 12mm片距，适用于低温库 ($R_t \geq -40^\circ\text{C}$)

相比于商用型号，增大的片距有利于更严格的冷冻工况。

标准的风机配置如下：

- $\varnothing 500, 550, 630$ mm: 三相400V/3/50Hz外转子电机，带K网罩和短出风口。工作温度 -40°C 至 $+40^\circ\text{C}$ 。

HEB SERIES EVAPORATOR

蒸发器系列 HEB

-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 drain pan 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.

-ø500, 550, 630 mm: 三相400V/3/50Hz外转子电机, 带L网罩和长风口. 工作温度-40°C至+40°C。

-ø630, 800 mm: 三相400V/3/50Hz外转子电机, 带ZN网罩和长风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

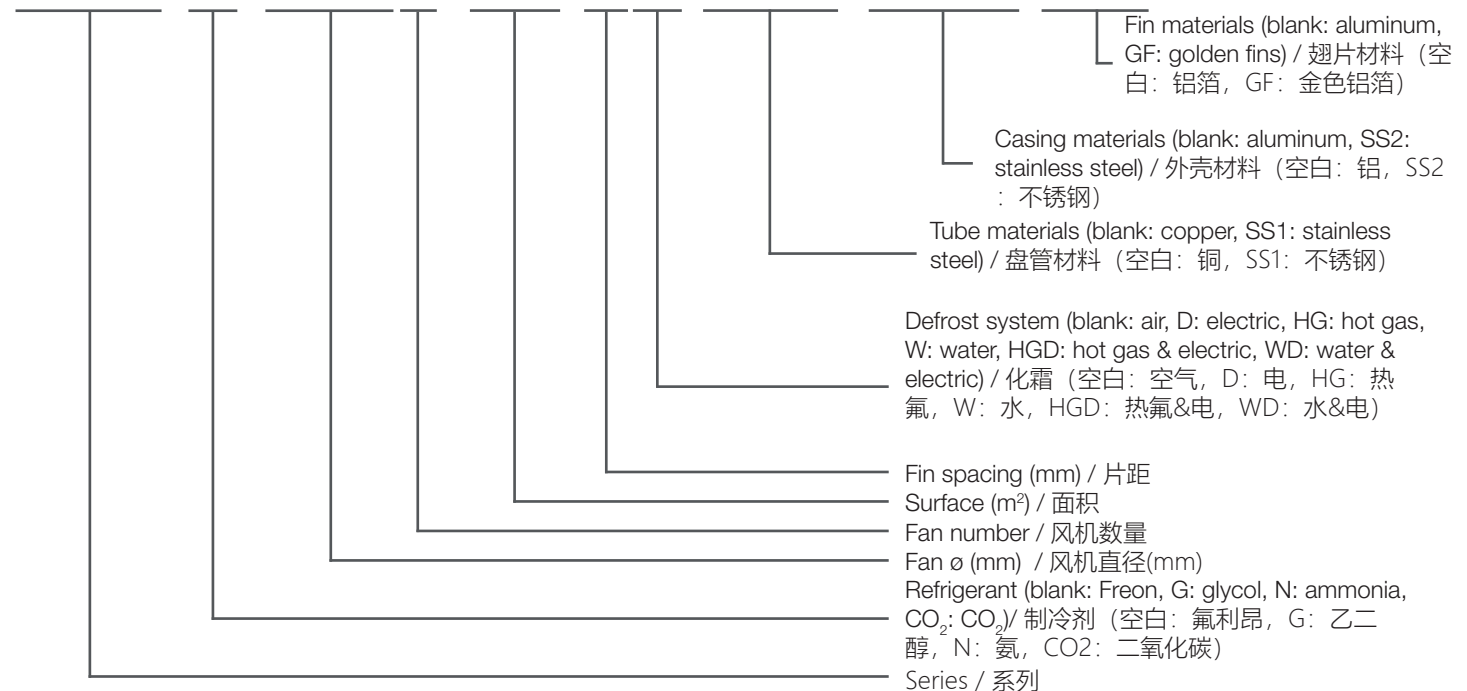
所有电器有效接地。电线均接入防护等级IP65的电器盒内。

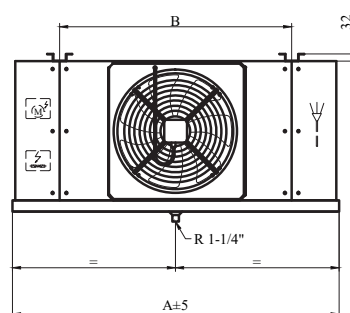
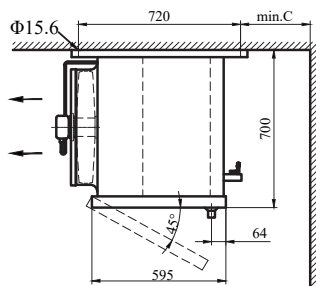
可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

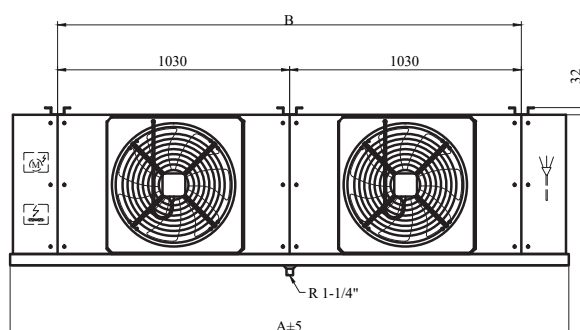
EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

HEB G 5002 69 7D SS1 SS2 GF

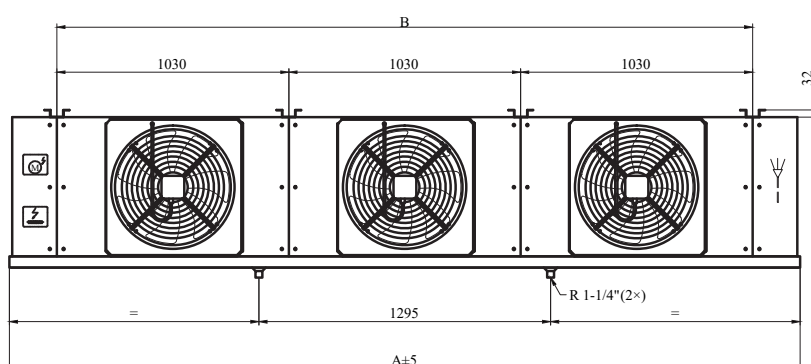




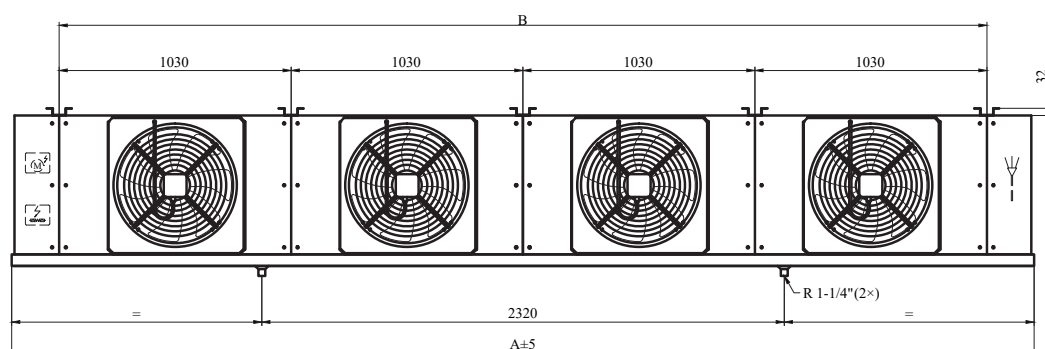
HEB/D 5001



HEB/D 5002



HEB/D 5003



HEB/D 5004

HEB SERIES EVAPORATOR

蒸发器系列 HEB

Model / 型号	Dimensions / 尺寸 (mm)		
	A	B	C
HEB 5001...	1450	1030	300
HEB 5002...	2480	2060	400
HEB 5003...	3510	3090	450
HEB 5004...	4540	4120	490

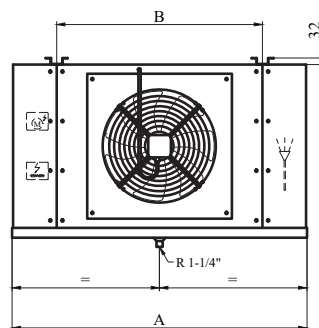
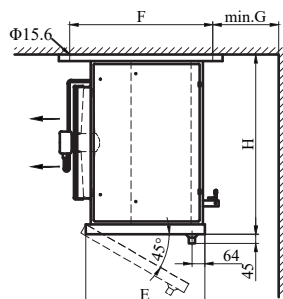
EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

INDUSTRIAL CUBIC EVAPORATORS

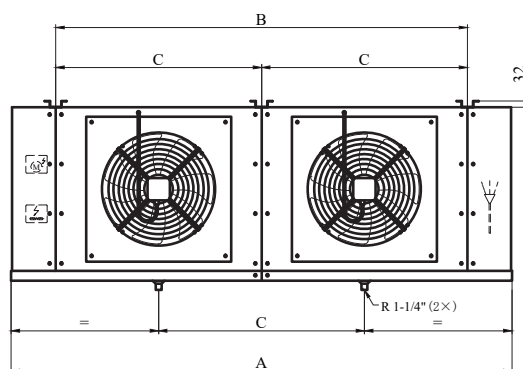
工业用蒸发器

HFC/HFO/(HCFC)*

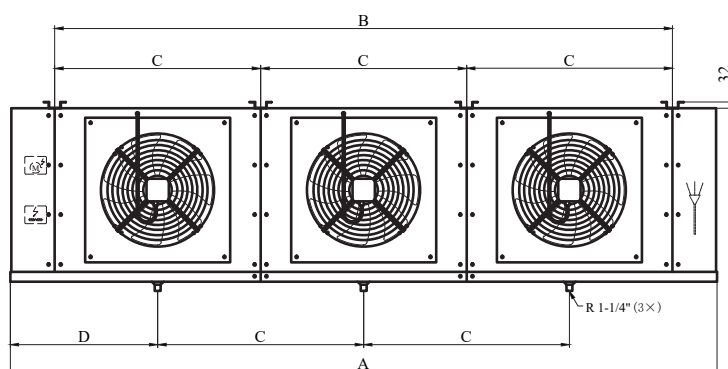
EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)



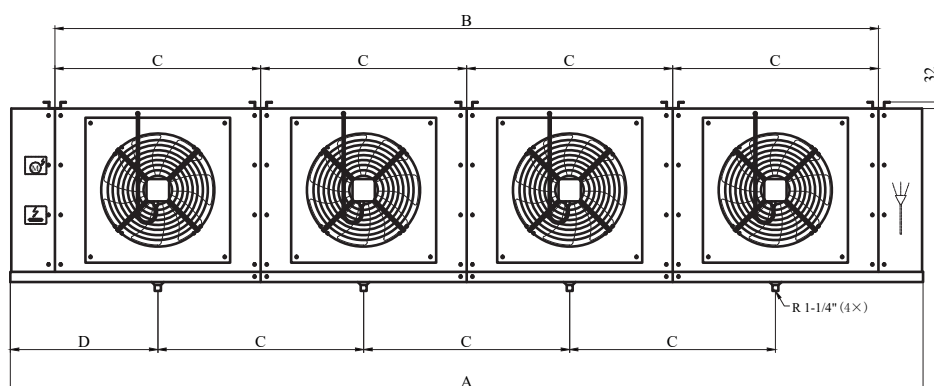
HEB/D
5501/6301/8001



HEB/D
5502/6302/8002



HEB/D
5503/6303/8003



HEB/D
5504/6304

Model / 型号	Dimensions / 尺寸 (mm)							
	A	B	C	D	E	F	G	H
HEB 5501(4 rows)...	1500	1030	1030		595	705	260	900
HEB 5501(6 rows)...	1500	1030	1030		610	720	260	900
HEB 5501(8 rows)...	1500	1030	1030		710	820	260	900
HEB 5502(4 rows)...	2530	2060	1030		595	705	380	900
HEB 5502(6 rows)...	2530	2060	1030		610	720	380	900
HEB 5502(8 rows)...	2530	2060	1030		710	820	380	900
HEB 5503(4 rows)...	3560	3090	1030	750	595	705	460	900
HEB 5503(6 rows)...	3560	3090	1030	750	610	720	460	900
HEB 5503(8 rows)...	3560	3090	1030	750	710	820	460	900
HEB 5504(4 rows)...	4590	4120	1030	750	595	705	500	900
HEB 5504(6 rows)...	4590	4120	1030	750	610	720	500	900
HEB 5504(8 rows)...	4690	4120	1030	750	710	820	500	900
HEB 6301(4 rows)...	1700	1230	1230		595	705	310	1000
HEB 6301(6 rows)...	1700	1230	1230		638	750	310	1000
HEB 6301(8 rows)...	1700	1230	1230		710	820	310	1000
HEB 6302(4 rows)...	2930	2460	1230		595	705	440	1000
HEB 6302(6 rows)...	2930	2460	1230		638	750	440	1000
HEB 6302(8 rows)...	2930	2460	1230		710	820	440	1000
HEB 6303(4 rows)...	4160	3690	1230	850	595	705	530	1000
HEB 6303(6 rows)...	4160	3690	1230	850	638	750	530	1000
HEB 6303(8 rows)...	4160	3690	1230	850	710	820	530	1000
HEB 6304(4 rows)...	5390	4920	1230	850	595	705	580	1000
HEB 6304(6 rows)...	5390	4920	1230	850	638	750	580	1000
HEB 6304(8 rows)...	5390	4920	1230	850	710	820	580	1000
HEB 8001(4 rows)...	1900	1430	1430		610	720	390	1300
HEB 8001(6 rows)...	1900	1430	1430		710	820	390	1300
HEB 8001(8 rows)...	1900	1430	1430		770	880	390	1300
HEB 8002(4 rows)...	3330	2860	1430		610	720	580	1300
HEB 8002(6 rows)...	3330	2860	1430		710	820	580	1300
HEB 8002(8 rows)...	3330	2860	1430		770	880	580	1300
HEB 8003(4 rows)...	4760	4290	1430	950	610	720	700	1300
HEB 8003(6 rows)...	4760	4290	1430	950	710	820	700	1300
HEB 8003(8 rows)...	4760	4290	1430	950	770	880	700	1300

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.

换热器宽度受其列数影响。列数可在之后的表格中查找。

INDUSTRIAL CUBIC EVAPORATORS

工业用蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 4.5 mm, with electrical defrost. Rt>=0°C

片距4.5mm, 带电加热。库温>=0°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEB 5001 53 4.5D	8.02	6.27	8.14	6.54	50.5	7.3		92	12	28
HEB 5001 79 4.5D	10.73	8.09	10.94	8.50	75.7	11.0		104	12	28
HEB 5002 106 4.5D	16.50	12.89	16.72	13.42	103.8	15.0		163	15	42
HEB 5002 159 4.5D	22.20	17.25	22.39	17.82	155.7	22.5		187	15	42
HEB 5003 159 4.5D	24.82	18.75	25.41	19.83	157.1	22.7		233	15	54
HEB 5003 239 4.5D	33.44	25.25	34.06	26.44	235.7	34.1		270	22	54
HEB 5004 218 4.5D	33.47	26.14	33.88	27.19	210.5	30.4		304	22	54
HEB 5004 327 4.5D	42.50	29.52	44.66	32.21	315.7	45.7		353	22	54
HEB 5501 67 4.5D	10.15	7.91	10.26	8.22	67.4	9.7	4	112	15	35
HEB 5501 103 4.5D	13.67	10.54	13.77	10.86	101.1	14.6	6	129	15	35
HEB 5501 135 4.5D	16.21	12.43	16.28	12.59	134.7	19.5	8	151	15	42
HEB 5502 139 4.5D	20.86	16.25	21.08	16.84	138.5	20.0	4	199	22	42
HEB 5502 213 4.5D	28.03	21.61	28.22	22.23	207.8	30.1	6	233	22	42
HEB 5502 277 4.5D	33.23	25.43	33.35	25.79	277.1	40.1	8	274	22	54
HEB 5503 210 4.5D	29.63	20.50	31.28	22.51	209.7	30.3	4	286	22	54
HEB 5503 323 4.5D	42.25	31.71	42.90	33.04	314.6	45.5	6	336	22	54
HEB 5503 419 4.5D	48.23	33.68	50.06	36.07	419.4	60.7	8	396	22	54
HEB 5504 281 4.5D	42.29	32.95	42.71	34.11	280.9	40.6	4	373	22	54
HEB 5504 433 4.5D	53.98	37.49	56.46	40.63	421.3	60.9	6	440	22	67
HEB 5504 562 4.5D	67.28	51.44	67.50	52.17	561.8	81.2	8	519	28	67
HEB 6301 91 4.5D	14.23	11.41	14.28	11.72	91.3	13.2	4	141	15	35
HEB 6301 137 4.5D	19.21	15.21	19.23	15.44	137.0	19.8	6	165	15	42
HEB 6301 187 4.5D	22.71	16.77	23.14	17.53	182.7	26.4	8	192	15	42
HEB 6302 187 4.5D	28.75	21.34	29.61	22.72	187.0	27.0	4	254	22	42
HEB 6302 280 4.5D	39.25	31.05	39.28	31.57	280.4	40.6	6	302	22	54
HEB 6302 384 4.5D	46.43	34.29	47.26	35.80	373.9	54.1	8	353	22	54
HEB 6303 283 4.5D	42.53	30.42	44.38	32.97	282.6	40.9	4	368	22	54
HEB 6303 424 4.5D	57.78	41.41	59.84	44.33	423.9	61.3	6	439	28	67
HEB 6303 581 4.5D	63.65	41.91	67.74	46.54	565.2	81.7	8	514	2×22	2×54
HEB 6304 378 4.5D	58.23	43.25	59.92	45.99	378.2	54.7	4	482	28	67
HEB 6304 567 4.5D	70.21	-	75.50	51.51	567.3	82.0	6	576	2×22	2×54
HEB 6304 778 4.5D	93.89	69.36	95.51	72.36	756.4	109.4	8	675	2×22	2×67
HEB 8001 143 4.5D	22.47	17.37	22.85	18.19	142.5	20.6	4	202	15	42
HEB 8001 214 4.5D	30.30	23.23	30.67	24.12	213.8	30.9	6	243	22	54
HEB 8001 292 4.5D	34.81	24.82	35.99	26.50	285.0	41.2	8	282	22	54
HEB 8002 291 4.5D	45.88	35.49	46.62	37.12	290.7	42.0	4	368	22	54
HEB 8002 436 4.5D	61.78	47.38	62.49	49.12	436.1	63.1	6	447	28	67
HEB 8002 597 4.5D	71.13	50.79	73.46	54.12	581.5	84.1	8	522	28	76
HEB 8003 439 4.5D	69.31	53.62	70.41	56.04	439.0	63.5	4	534	2×22	2×54
HEB 8003 658 4.5D	87.03	59.53	91.90	65.34	658.4	95.2	6	651	2×22	2×54
HEB 8003 902 4.5D	104.45	72.24	109.27	78.21	877.9	127.0	8	762	2×22	2×67

HEB SERIES EVAPORATOR

蒸发器系列 HEB

FIN SPACING 4.5 mm, with electrical defrost. Rt>=0°C

片距4.5mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEB 5001 53 4.5D	500	1	3 ~ 400	650	1.2	6950	16	3 × 1280	2 × 1280	6400
HEB 5001 79 4.5D	500	1	3 ~ 400	650	1.2	6424	15	4 × 1280	2 × 1280	7680
HEB 5002 106 4.5D	500	2	3 ~ 400	1300	2.3	13962	19	3 × 2320	2 × 2320	11600
HEB 5002 159 4.5D	500	2	3 ~ 400	1300	2.3	12988	18	4 × 2320	2 × 2320	13920
HEB 5003 159 4.5D	500	3	3 ~ 400	1950	3.5	20970	23	3 × 3200	2 × 3200	16000
HEB 5003 239 4.5D	500	3	3 ~ 400	1950	3.5	19541	22	4 × 3200	2 × 3200	19200
HEB 5004 218 4.5D	500	4	3 ~ 400	2600	4.6	27987	27	3 × 4260	2 × 4260	21300
HEB 5004 327 4.5D	500	4	3 ~ 400	2600	4.6	26083	26	4 × 4260	2 × 4260	25560
HEB 5501 67 4.5D	560	1	3 ~ 400	770	1.7	8056	15	4 × 1280	2 × 1280	7680
HEB 5501 103 4.5D	560	1	3 ~ 400	770	1.7	7636	15	5 × 1280	2 × 1280	8960
HEB 5501 135 4.5D	560	1	3 ~ 400	770	1.7	7223	14	7 × 1280	2 × 1280	11520
HEB 5502 139 4.5D	560	2	3 ~ 400	1540	3.3	16193	18	4 × 2320	2 × 2320	13920
HEB 5502 213 4.5D	560	2	3 ~ 400	1540	3.3	15370	17	5 × 2320	2 × 2320	16240
HEB 5502 277 4.5D	560	2	3 ~ 400	1540	3.3	14600	17	7 × 2320	2 × 2320	20880
HEB 5503 210 4.5D	560	3	3 ~ 400	2310	5.0	24315	21	4 × 3200	2 × 3200	19200
HEB 5503 323 4.5D	560	3	3 ~ 400	2310	5.0	23099	21	5 × 3200	2 × 3200	22400
HEB 5503 419 4.5D	560	3	3 ~ 400	2310	5.0	21964	21	7 × 3200	2 × 3200	28800
HEB 5504 281 4.5D	560	4	3 ~ 400	3080	6.6	32464	26	4 × 4260	2 × 4260	25560
HEB 5504 433 4.5D	560	4	3 ~ 400	3080	6.6	30820	25	5 × 4260	2 × 4260	29820
HEB 5504 562 4.5D	560	4	3 ~ 400	3080	6.6	29351	24	7 × 4260	2 × 4260	38340
HEB 6301 91 4.5D	630	1	3 ~ 400	1100	2.2	11852	19	4 × 1510	2 × 1510	9060
HEB 6301 137 4.5D	630	1	3 ~ 400	1100	2.2	11178	18	6 × 1510	2 × 1510	12080
HEB 6301 187 4.5D	630	1	3 ~ 400	1100	2.2	10560	18	7 × 1510	2 × 1510	13590
HEB 6302 187 4.5D	630	2	3 ~ 400	2200	4.4	23790	22	4 × 2740	2 × 2740	16440
HEB 6302 280 4.5D	630	2	3 ~ 400	2200	4.4	22495	21	6 × 2740	2 × 2740	21920
HEB 6302 384 4.5D	630	2	3 ~ 400	2200	4.4	21286	21	7 × 2740	2 × 2740	24660
HEB 6303 283 4.5D	630	3	3 ~ 400	3300	6.6	35728	26	4 × 3800	2 × 3800	22800
HEB 6303 424 4.5D	630	3	3 ~ 400	3300	6.6	33785	26	6 × 3800	2 × 3800	30400
HEB 6303 581 4.5D	630	3	3 ~ 400	3300	6.6	31997	26	7 × 3800	2 × 3800	34200
HEB 6304 378 4.5D	630	4	3 ~ 400	4400	8.8	47677	32	4 × 5060	2 × 5060	30360
HEB 6304 567 4.5D	630	4	3 ~ 400	4400	8.8	45076	31	6 × 5060	2 × 5060	40480
HEB 6304 778 4.5D	630	4	3 ~ 400	4400	8.8	42734	31	7 × 5060	2 × 5060	45540
HEB 8001 143 4.5D	800	1	3 ~ 400	1600	3.5	19022	27	5 × 1700	2 × 1700	11900
HEB 8001 214 4.5D	800	1	3 ~ 400	1600	3.5	17780	26	8 × 1700	2 × 1700	17000
HEB 8001 292 4.5D	800	1	3 ~ 400	1600	3.5	16565	25	10 × 1700	2 × 1700	20400
HEB 8002 291 4.5D	800	2	3 ~ 400	3200	7.0	38225	31	5 × 2810	2 × 2810	19670
HEB 8002 436 4.5D	800	2	3 ~ 400	3200	7.0	35754	31	8 × 2810	2 × 2810	28100
HEB 8002 597 4.5D	800	2	3 ~ 400	3200	7.0	33429	30	10 × 2810	2 × 2810	33720
HEB 8003 439 4.5D	800	3	3 ~ 400	4800	10.5	57426	37	5 × 4420	2 × 4420	30940
HEB 8003 658 4.5D	800	3	3 ~ 400	4800	10.5	53693	36	8 × 4420	2 × 4420	44200
HEB 8003 902 4.5D	800	3	3 ~ 400	4800	10.5	50283	36	10 × 4420	2 × 4420	53040

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

INDUSTRIAL CUBIC EVAPORATORS

工业用蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEB 5001 35 7D	6.41	5.15	6.45	5.27	33.2	7.3		88	12	28
HEB 5001 52 7D	8.97	6.96	9.08	7.23	49.9	11.0		98	12	28
HEB 5002 69 7D	13.19	10.58	13.26	10.83	68.4	15.0		155	15	42
HEB 5002 103 7D	18.35	14.58	18.43	14.69	102.5	22.5		175	15	42
HEB 5003 103 7D	20.06	15.65	20.33	16.25	103.5	22.7		222	15	54
HEB 5003 156 7D	27.92	21.61	28.22	22.32	155.2	34.1		252	22	54
HEB 5004 139 7D	26.74	21.45	26.88	21.97	138.6	30.4		288	22	54
HEB 5004 209 7D	36.57	26.26	37.93	28.11	207.9	45.7		329	22	54
HEB 5501 44 7D	8.11	6.47	8.14	6.53	44.4	9.7	4	107	15	35
HEB 5501 67 7D	11.23	8.89	11.23	8.81	66.5	14.6	6	122	15	35
HEB 5501 89 7D	13.76	10.78	13.46	10.52	88.7	19.5	8	141	15	42
HEB 5502 91 7D	16.64	13.27	16.71	13.44	91.2	20.0	4	189	22	42
HEB 5502 137 7D	23.03	18.19	23.07	18.09	136.8	30.1	6	217	22	42
HEB 5502 182 7D	28.17	22.04	27.71	21.56	182.5	40.1	8	253	22	54
HEB 5503 138 7D	24.74	17.79	25.69	19.10	138.1	30.3	4	270	22	54
HEB 5503 208 7D	35.03	27.03	35.33	27.77	207.1	45.5	6	313	22	54
HEB 5503 276 7D	42.24	30.38	43.45	32.10	276.2	60.7	8	365	22	54
HEB 5504 185 7D	33.72	26.88	33.85	27.24	185.0	40.6	4	352	22	54
HEB 5504 278 7D	46.08	33.16	47.60	35.28	277.4	60.9	6	409	22	67
HEB 5504 370 7D	56.99	44.56	56.22	43.74	369.9	81.2	8	478	28	67
HEB 6301 60 7D	11.25	9.20	11.20	9.05	60.1	13.2	4	134	15	35
HEB 6301 90 7D	15.66	12.69	15.24	12.29	90.2	19.8	6	155	15	42
HEB 6301 120 7D	19.49	14.81	19.73	15.29	120.3	26.4	8	178	15	42
HEB 6302 123 7D	23.33	17.86	23.74	18.65	123.1	27.0	4	241	22	42
HEB 6302 185 7D	31.99	25.87	31.32	25.14	184.7	40.6	6	281	22	54
HEB 6302 247 7D	39.85	30.25	40.30	31.27	246.2	54.1	8	325	22	54
HEB 6303 186 7D	34.98	25.94	35.98	27.48	186.1	40.9	4	347	22	54
HEB 6303 279 7D	48.79	36.14	49.99	38.04	279.1	61.3	6	408	28	67
HEB 6303 373 7D	56.85	38.91	59.76	42.31	372.1	81.7	8	472	2×22	2×54
HEB 6304 249 7D	47.19	36.15	48.01	37.70	249.0	54.7	4	454	28	67
HEB 6304 374 7D	61.46	41.87	65.02	45.94	373.5	82.0	6	534	2×22	2×54
HEB 6304 500 7D	80.53	61.15	81.45	63.21	498.0	109.4	8	619	2×22	2×67
HEB 8001 94 7D	18.07	14.35	18.22	14.78	93.8	20.6	4	191	15	42
HEB 8001 141 7D	25.02	19.73	25.17	20.06	140.8	30.9	6	228	22	54
HEB 8001 188 7D	30.47	22.34	31.25	23.53	187.7	41.2	8	261	22	54
HEB 8002 191 7D	36.86	29.26	37.15	30.11	191.4	42.0	4	346	22	54
HEB 8002 287 7D	51.00	40.20	51.29	40.95	287.2	63.1	6	415	28	67
HEB 8002 384 7D	62.18	45.62	63.69	47.96	382.9	84.1	8	479	28	76
HEB 8003 289 7D	55.65	44.17	56.08	45.44	289.0	63.5	4	501	2×22	2×54
HEB 8003 434 7D	74.94	53.28	78.05	57.34	433.5	95.2	6	602	2×22	2×54
HEB 8003 580 7D	92.34	65.70	95.63	70.10	578.1	127.0	8	697	2×22	2×67

HEB SERIES EVAPORATOR

蒸发器系列 HEB

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C
片距7mm, 带电加热。库温>=-20°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEB 5001 35 7D	500	1	3 ~ 400	650	1.2	7136	16	3 × 1280	2 × 1280	6400
HEB 5001 52 7D	500	1	3 ~ 400	650	1.2	6791	16	4 × 1280	2 × 1280	7680
HEB 5002 69 7D	500	2	3 ~ 400	1300	2.3	14361	20	3 × 2320	2 × 2320	11600
HEB 5002 103 7D	500	2	3 ~ 400	1300	2.3	13685	19	4 × 2320	2 × 2320	13920
HEB 5003 103 7D	500	3	3 ~ 400	1950	3.5	21577	24	3 × 3200	2 × 3200	16000
HEB 5003 156 7D	500	3	3 ~ 400	1950	3.5	20568	23	4 × 3200	2 × 3200	19200
HEB 5004 139 7D	500	4	3 ~ 400	2600	4.6	28808	28	3 × 4260	2 × 4260	21300
HEB 5004 209 7D	500	4	3 ~ 400	2600	4.6	27439	28	4 × 4260	2 × 4260	25560
HEB 5501 44 7D	560	1	3 ~ 400	770	1.7	8273	15	4 × 1280	2 × 1280	7680
HEB 5501 67 7D	560	1	3 ~ 400	770	1.7	7898	15	5 × 1280	2 × 1280	8960
HEB 5501 89 7D	560	1	3 ~ 400	770	1.7	7586	14	7 × 1280	2 × 1280	11520
HEB 5502 91 7D	560	2	3 ~ 400	1540	3.3	16615	19	4 × 2320	2 × 2320	13920
HEB 5502 137 7D	560	2	3 ~ 400	1540	3.3	15882	18	5 × 2320	2 × 2320	16240
HEB 5502 182 7D	560	2	3 ~ 400	1540	3.3	15275	18	7 × 2320	2 × 2320	20880
HEB 5503 138 7D	560	3	3 ~ 400	2310	5.0	24939	22	4 × 3200	2 × 3200	19200
HEB 5503 208 7D	560	3	3 ~ 400	2310	5.0	23860	22	5 × 3200	2 × 3200	22400
HEB 5503 276 7D	560	3	3 ~ 400	2310	5.0	22949	21	7 × 3200	2 × 3200	28800
HEB 5504 185 7D	560	4	3 ~ 400	3080	6.6	33296	26	4 × 4260	2 × 4260	25560
HEB 5504 278 7D	560	4	3 ~ 400	3080	6.6	31827	26	5 × 4260	2 × 4260	29820
HEB 5504 370 7D	560	4	3 ~ 400	3080	6.6	30647	26	7 × 4260	2 × 4260	38340
HEB 6301 60 7D	630	1	3 ~ 400	1100	2.2	12134	21	4 × 1510	2 × 1510	9060
HEB 6301 90 7D	630	1	3 ~ 400	1100	2.2	11607	20	6 × 1510	2 × 1510	12080
HEB 6301 120 7D	630	1	3 ~ 400	1100	2.2	11085	19	7 × 1510	2 × 1510	13590
HEB 6302 123 7D	630	2	3 ~ 400	2200	4.4	24319	23	4 × 2740	2 × 2740	16440
HEB 6302 185 7D	630	2	3 ~ 400	2200	4.4	23331	23	6 × 2740	2 × 2740	21920
HEB 6302 247 7D	630	2	3 ~ 400	2200	4.4	22320	22	7 × 2740	2 × 2740	24660
HEB 6303 186 7D	630	3	3 ~ 400	3300	6.6	36499	28	4 × 3800	2 × 3800	22800
HEB 6303 279 7D	630	3	3 ~ 400	3300	6.6	35024	27	6 × 3800	2 × 3800	30400
HEB 6303 373 7D	630	3	3 ~ 400	3300	6.6	33532	27	7 × 3800	2 × 3800	34200
HEB 6304 249 7D	630	4	3 ~ 400	4400	8.8	48689	33	4 × 5060	2 × 5060	30360
HEB 6304 374 7D	630	4	3 ~ 400	4400	8.8	46718	33	6 × 5060	2 × 5060	40480
HEB 6304 500 7D	630	4	3 ~ 400	4400	8.8	44784	32	7 × 5060	2 × 5060	45540
HEB 8001 94 7D	800	1	3 ~ 400	1600	3.5	19678	27	5 × 1700	2 × 1700	11900
HEB 8001 141 7D	800	1	3 ~ 400	1600	3.5	18523	27	8 × 1700	2 × 1700	17000
HEB 8001 188 7D	800	1	3 ~ 400	1600	3.5	17624	26	10 × 1700	2 × 1700	20400
HEB 8002 191 7D	800	2	3 ~ 400	3200	7.0	39493	32	5 × 2810	2 × 2810	19670
HEB 8002 287 7D	800	2	3 ~ 400	3200	7.0	37238	31	8 × 2810	2 × 2810	28100
HEB 8002 384 7D	800	2	3 ~ 400	3200	7.0	35468	31	10 × 2810	2 × 2810	33720
HEB 8003 289 7D	800	3	3 ~ 400	4800	10.5	59307	38	5 × 4420	2 × 4420	30940
HEB 8003 434 7D	800	3	3 ~ 400	4800	10.5	55902	37	8 × 4420	2 × 4420	44200
HEB 8003 580 7D	800	3	3 ~ 400	4800	10.5	53292	37	10 × 4420	2 × 4420	53040

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

INDUSTRIAL CUBIC EVAPORATORS

工业用蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 10 mm, with electrical defrost. Rt>=-40°C

片距10mm, 带电加热。库温>=-35°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEB 5001 25 10D	5.36	4.34	5.29	4.25	23.9	7.3		86	12	28
HEB 5001 37 10D	7.66	6.01	7.72	6.03	35.9	11.0		96	12	28
HEB 5002 49 10D	11.01	8.90	10.95	8.76	49.2	15.0		151	15	42
HEB 5002 75 10D	15.55	12.46	15.19	12.08	73.8	22.5		170	15	42
HEB 5003 75 10D	16.86	13.30	17.00	13.57	74.5	22.7		216	15	54
HEB 5003 111 10D	23.80	18.63	23.96	18.74	111.7	34.1		244	22	54
HEB 5004 98 10D	22.33	18.04	22.28	17.77	99.8	30.4		281	22	54
HEB 5004 147 10D	31.80	23.29	32.69	24.57	149.6	45.7		318	22	54
HEB 5501 32 10D	6.74	5.42	6.54	5.24	31.9	9.7	4	105	15	35
HEB 5501 47 10D	9.51	7.60	9.09	7.26	47.9	14.6	6	118	15	35
HEB 5501 64 10D	11.86	9.41	11.15	8.90	63.9	19.5	8	136	15	42
HEB 5502 66 10D	13.83	11.11	13.51	10.76	65.7	20.0	4	184	22	42
HEB 5502 96 10D	19.50	15.54	18.77	14.91	98.5	30.1	6	210	22	42
HEB 5502 131 10D	24.29	19.20	23.00	18.25	131.3	40.1	8	243	22	54
HEB 5503 99 10D	21.13	15.52	21.72	16.38	99.4	30.3	4	262	22	54
HEB 5503 145 10D	29.83	23.28	29.92	23.14	149.1	45.5	6	301	22	54
HEB 5503 199 10D	37.24	27.27	38.04	28.61	198.8	60.7	8	350	22	54
HEB 5504 133 10D	28.02	22.47	27.45	21.86	133.1	40.6	4	341	22	54
HEB 5504 195 10D	39.99	29.34	40.96	30.79	199.7	60.9	6	393	22	67
HEB 5504 266 10D	49.14	38.81	46.68	36.96	266.3	81.2	8	457	28	67
HEB 6301 43 10D	9.30	7.64	8.72	7.17	43.3	13.2	4	131	15	35
HEB 6301 65 10D	13.21	10.74	12.21	10.04	64.9	19.8	6	150	15	42
HEB 6301 84 10D	16.98	13.07	17.12	13.12	86.6	26.4	8	171	15	42
HEB 6302 89 10D	19.56	15.18	19.78	15.62	88.6	27.0	4	234	22	42
HEB 6302 133 10D	26.98	21.93	25.12	20.53	132.9	40.6	6	271	22	54
HEB 6302 173 10D	34.67	26.68	34.94	26.82	177.2	54.1	8	311	22	54
HEB 6303 134 10D	29.58	22.33	30.16	23.30	133.9	40.9	4	337	22	54
HEB 6303 201 10D	42.04	31.65	42.77	32.90	200.9	61.3	6	392	28	67
HEB 6303 261 10D	50.90	35.63	52.98	38.21	267.9	81.7	8	451	2×22	2×54
HEB 6304 179 10D	39.55	30.69	39.98	31.60	179.3	54.7	4	440	28	67
HEB 6304 269 10D	54.28	37.89	56.74	40.88	268.9	82.0	6	513	2×22	2×54
HEB 6304 350 10D	70.07	53.91	70.59	54.22	358.5	109.4	8	591	2×22	2×67
HEB 8001 68 10D	15.10	12.10	15.16	12.02	67.6	20.6	4	186	15	42
HEB 8001 101 10D	21.32	16.98	21.04	16.66	101.3	30.9	6	220	22	54
HEB 8001 132 10D	26.81	20.02	27.32	20.93	135.1	41.2	8	250	22	54
HEB 8002 138 10D	30.78	24.64	30.89	24.53	137.8	42.0	4	335	22	54
HEB 8002 207 10D	43.44	34.57	43.09	34.00	206.7	63.1	6	398	28	67
HEB 8002 269 10D	54.65	40.82	55.64	42.63	275.6	84.1	8	457	28	76
HEB 8003 208 10D	46.47	37.18	46.63	37.04	208.1	63.5	4	485	2×22	2×54
HEB 8003 312 10D	65.57	47.61	67.63	50.48	312.1	95.2	6	578	2×22	2×54
HEB 8003 406 10D	81.81	59.43	84.08	62.65	416.1	127.0	8	664	2×22	2×67

HEB SERIES EVAPORATOR

蒸发器系列 HEB

FIN SPACING 10 mm, with electrical defrost. Rt>=-40°C

片距10mm, 带电加热。库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEB 5001 25 10D	500	1	3 ~ 400	650	1.2	7313	17	3 × 1280	2 × 1280	6400
HEB 5001 37 10D	500	1	3 ~ 400	650	1.2	6969	16	4 × 1280	2 × 1280	7680
HEB 5002 49 10D	500	2	3 ~ 400	1300	2.3	14707	20	3 × 2320	2 × 2320	11600
HEB 5002 75 10D	500	2	3 ~ 400	1300	2.3	13996	20	4 × 2320	2 × 2320	13920
HEB 5003 75 10D	500	3	3 ~ 400	1950	3.5	22092	24	3 × 3200	2 × 3200	16000
HEB 5003 111 10D	500	3	3 ~ 400	1950	3.5	21048	24	4 × 3200	2 × 3200	19200
HEB 5004 98 10D	500	4	3 ~ 400	2600	4.6	29493	29	3 × 4260	2 × 4260	21300
HEB 5004 147 10D	500	4	3 ~ 400	2600	4.6	28072	28	4 × 4260	2 × 4260	25560
HEB 5501 32 10D	560	1	3 ~ 400	770	1.7	8414	16	4 × 1280	2 × 1280	7680
HEB 5501 47 10D	560	1	3 ~ 400	770	1.7	8079	16	5 × 1280	2 × 1280	8960
HEB 5501 64 10D	560	1	3 ~ 400	770	1.7	7793	15	7 × 1280	2 × 1280	11520
HEB 5502 66 10D	560	2	3 ~ 400	1540	3.3	16887	19	4 × 2320	2 × 2320	13920
HEB 5502 96 10D	560	2	3 ~ 400	1540	3.3	16237	19	5 × 2320	2 × 2320	16240
HEB 5502 131 10D	560	2	3 ~ 400	1540	3.3	15679	18	7 × 2320	2 × 2320	20880
HEB 5503 99 10D	560	3	3 ~ 400	2310	5.0	25343	23	4 × 3200	2 × 3200	19200
HEB 5503 145 10D	560	3	3 ~ 400	2310	5.0	24389	22	5 × 3200	2 × 3200	22400
HEB 5503 199 10D	560	3	3 ~ 400	2310	5.0	23547	22	7 × 3200	2 × 3200	28800
HEB 5504 133 10D	560	4	3 ~ 400	3080	6.6	33831	28	4 × 4260	2 × 4260	25560
HEB 5504 195 10D	560	4	3 ~ 400	3080	6.6	32529	27	5 × 4260	2 × 4260	29820
HEB 5504 266 10D	560	4	3 ~ 400	3080	6.6	31445	27	7 × 4260	2 × 4260	38340
HEB 6301 43 10D	630	1	3 ~ 400	1100	2.2	12264	20	4 × 1510	2 × 1510	9060
HEB 6301 65 10D	630	1	3 ~ 400	1100	2.2	11885	20	6 × 1510	2 × 1510	12080
HEB 6301 84 10D	630	1	3 ~ 400	1100	2.2	11429	19	7 × 1510	2 × 1510	13590
HEB 6302 89 10D	630	2	3 ~ 400	2200	4.4	24567	24	4 × 2740	2 × 2740	16440
HEB 6302 133 10D	630	2	3 ~ 400	2200	4.4	23868	23	6 × 2740	2 × 2740	21920
HEB 6302 173 10D	630	2	3 ~ 400	2200	4.4	22981	23	7 × 2740	2 × 2740	24660
HEB 6303 134 10D	630	3	3 ~ 400	3300	6.6	36869	29	4 × 3800	2 × 3800	22800
HEB 6303 201 10D	630	3	3 ~ 400	3300	6.6	35820	29	6 × 3800	2 × 3800	30400
HEB 6303 261 10D	630	3	3 ~ 400	3300	6.6	34510	28	7 × 3800	2 × 3800	34200
HEB 6304 179 10D	630	4	3 ~ 400	4400	8.8	49181	34	4 × 5060	2 × 5060	30360
HEB 6304 269 10D	630	4	3 ~ 400	4400	8.8	47773	33	6 × 5060	2 × 5060	40480
HEB 6304 350 10D	630	4	3 ~ 400	4400	8.8	46082	33	7 × 5060	2 × 5060	45540
HEB 8001 68 10D	800	1	3 ~ 400	1600	3.5	20071	28	5 × 1700	2 × 1700	11900
HEB 8001 101 10D	800	1	3 ~ 400	1600	3.5	19089	28	8 × 1700	2 × 1700	17000
HEB 8001 132 10D	800	1	3 ~ 400	1600	3.5	18201	27	10 × 1700	2 × 1700	20400
HEB 8002 138 10D	800	2	3 ~ 400	3200	7.0	40262	33	5 × 2810	2 × 2810	19670
HEB 8002 207 10D	800	2	3 ~ 400	3200	7.0	38358	32	8 × 2810	2 × 2810	28100
HEB 8002 269 10D	800	2	3 ~ 400	3200	7.0	36583	32	10 × 2810	2 × 2810	33720
HEB 8003 208 10D	800	3	3 ~ 400	4800	10.5	60451	39	5 × 4420	2 × 4420	30940
HEB 8003 312 10D	800	3	3 ~ 400	4800	10.5	57570	38	8 × 4420	2 × 4420	44200
HEB 8003 406 10D	800	3	3 ~ 400	4800	10.5	54953	38	10 × 4420	2 × 4420	53040

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

INDUSTRIAL CUBIC EVAPORATORS

工业用蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 12 mm, with electrical defrost. Rt>=-40°C

片距12mm, 带电加热。库温>=-40°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -25°C	t _e = -31°C	t _e = -25°C	t _e = -31°C					Inlet/ 进口	Outlet/ 出口
	DT1=7K	DT1=6K	DT1=7K	DT1=6K						
HEB 5001 20 12D	3.89	3.25	3.72	3.06	20.3	7.3		86	12	28
HEB 5001 31 12D	5.46	4.60	5.35	4.40	30.5	11.0		96	12	28
HEB 5002 42 12D	7.98	6.71	7.65	6.31	41.8	15.0		151	15	42
HEB 5002 63 12D	11.27	9.42	10.71	8.87	62.6	22.5		170	15	42
HEB 5003 63 12D	11.98	10.03	11.93	9.78	63.2	22.7		216	15	54
HEB 5003 95 12D	16.93	14.31	16.69	13.75	94.8	34.1		244	22	54
HEB 5004 85 12D	16.16	13.61	15.53	12.81	84.7	30.4		281	22	54
HEB 5004 127 12D	21.49	17.60	22.49	18.56	127.0	45.7		318	22	54
HEB 5501 27 12D	4.85	4.03	4.58	3.79	27.1	9.7	4	105	15	35
HEB 5501 41 12D	6.84	5.68	6.44	5.35	40.7	14.6	6	118	15	35
HEB 5501 54 12D	8.47	7.06	7.99	6.67	54.2	19.5	8	136	15	42
HEB 5502 56 12D	9.93	8.28	9.42	7.79	55.7	20.0	4	184	22	42
HEB 5502 84 12D	14.04	11.67	13.23	11.00	83.6	30.1	6	210	22	42
HEB 5502 112 12D	17.37	14.50	16.40	13.70	111.5	40.1	8	243	22	54
HEB 5503 84 12D	14.17	11.60	14.82	12.20	84.4	30.3	4	262	22	54
HEB 5503 127 12D	21.13	17.80	20.56	17.04	126.5	45.5	6	301	22	54
HEB 5503 169 12D	25.31	20.94	26.22	21.57	168.7	60.7	8	350	22	54
HEB 5504 113 12D	20.09	16.79	19.09	15.80	113.0	40.6	4	341	22	54
HEB 5504 170 12D	27.00	22.23	28.23	23.14	169.5	60.9	6	393	22	67
HEB 5504 226 12D	35.15	29.38	33.22	27.77	226.0	81.2	8	457	28	67
HEB 6301 37 12D	6.73	5.57	6.24	5.16	36.7	13.2	4	131	15	35
HEB 6301 55 12D	9.52	7.91	8.86	7.36	55.1	19.8	6	150	15	42
HEB 6301 74 12D	12.02	10.12	11.82	9.78	73.5	26.4	8	171	15	42
HEB 6302 75 12D	13.67	11.40	13.75	11.25	75.2	27.0	4	234	22	42
HEB 6302 113 12D	19.46	16.19	18.12	15.07	112.8	40.6	6	271	22	54
HEB 6302 150 12D	24.52	20.72	24.16	20.02	150.4	54.1	8	311	22	54
HEB 6303 114 12D	20.24	16.72	20.99	17.15	113.7	40.9	4	337	22	54
HEB 6303 171 12D	28.95	24.00	29.76	24.42	170.5	61.3	6	392	28	67
HEB 6303 227 12D	36.41	30.35	37.06	30.45	227.3	81.7	8	451	2×22	2×54
HEB 6304 152 12D	27.62	23.06	27.80	22.77	152.1	54.7	4	440	28	67
HEB 6304 228 12D	39.43	33.29	39.35	32.37	228.2	82.0	6	513	2×22	2×54
HEB 6304 304 12D	49.52	41.89	48.95	40.50	304.3	109.4	8	591	2×22	2×67
HEB 8001 57 12D	10.86	9.14	10.50	8.64	57.3	20.6	4	186	15	42
HEB 8001 86 12D	15.40	12.90	14.77	12.21	86.0	30.9	6	220	22	54
HEB 8001 115 12D	18.55	15.37	19.07	15.67	114.7	41.2	8	250	22	54
HEB 8002 117 12D	22.10	18.65	21.44	17.66	117.0	42.0	4	335	22	54
HEB 8002 175 12D	31.32	26.33	30.13	24.94	175.4	63.1	6	398	28	67
HEB 8002 234 12D	37.82	31.39	38.90	32.03	233.9	84.1	8	457	28	76
HEB 8003 177 12D	33.35	28.17	32.37	26.67	176.6	63.5	4	485	2×22	2×54
HEB 8003 265 12D	44.03	35.91	46.30	38.22	264.9	95.2	6	578	2×22	2×54
HEB 8003 353 12D	55.39	45.45	57.97	47.84	353.2	127.0	8	664	2×22	2×67

HEB SERIES EVAPORATOR

蒸发器系列 HEB

FIN SPACING 12 mm, with electrical defrost. Rt>=-40°C

片距12mm, 带电加热。库温>=-40°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEB 5001 20 12D	500	1	3 ~ 400	650	1.2	7404	17	3 × 1280	2 × 1280	6400
HEB 5001 31 12D	500	1	3 ~ 400	650	1.2	7044	16	4 × 1280	2 × 1280	7680
HEB 5002 42 12D	500	2	3 ~ 400	1300	2.3	14885	20	3 × 2320	2 × 2320	11600
HEB 5002 63 12D	500	2	3 ~ 400	1300	2.3	14136	20	4 × 2320	2 × 2320	13920
HEB 5003 63 12D	500	3	3 ~ 400	1950	3.5	22356	24	3 × 3200	2 × 3200	16000
HEB 5003 95 12D	500	3	3 ~ 400	1950	3.5	21228	24	4 × 3200	2 × 3200	19200
HEB 5004 85 12D	500	4	3 ~ 400	2600	4.6	29843	29	3 × 4260	2 × 4260	21300
HEB 5004 127 12D	500	4	3 ~ 400	2600	4.6	28310	28	4 × 4260	2 × 4260	25560
HEB 5501 27 12D	550	1	3 ~ 400	770	1.7	8480	15	4 × 1280	2 × 1280	7680
HEB 5501 41 12D	550	1	3 ~ 400	770	1.7	8168	16	5 × 1280	2 × 1280	8960
HEB 5501 54 12D	550	1	3 ~ 400	770	1.7	7894	14	7 × 1280	2 × 1280	11520
HEB 5502 56 12D	550	2	3 ~ 400	1540	3.3	17015	18	4 × 2320	2 × 2320	13920
HEB 5502 84 12D	550	2	3 ~ 400	1540	3.3	16411	19	5 × 2320	2 × 2320	16240
HEB 5502 112 12D	550	2	3 ~ 400	1540	3.3	15875	17	7 × 2320	2 × 2320	20880
HEB 5503 84 12D	550	3	3 ~ 400	2310	5.0	25532	22	4 × 3200	2 × 3200	19200
HEB 5503 127 12D	550	3	3 ~ 400	2310	5.0	24647	22	5 × 3200	2 × 3200	22400
HEB 5503 169 12D	550	3	3 ~ 400	2310	5.0	23838	21	7 × 3200	2 × 3200	28800
HEB 5504 113 12D	550	4	3 ~ 400	3080	6.6	34082	26	4 × 4260	2 × 4260	25560
HEB 5504 170 12D	550	4	3 ~ 400	3080	6.6	32871	27	5 × 4260	2 × 4260	29820
HEB 5504 226 12D	550	4	3 ~ 400	3080	6.6	31832	25	7 × 4260	2 × 4260	38340
HEB 6301 37 12D	630	1	3 ~ 400	1100	2.2	12329	20	4 × 1510	2 × 1510	9060
HEB 6301 55 12D	630	1	3 ~ 400	1100	2.2	12015	20	6 × 1510	2 × 1510	12080
HEB 6301 74 12D	630	1	3 ~ 400	1100	2.2	11592	19	7 × 1510	2 × 1510	13590
HEB 6302 75 12D	630	2	3 ~ 400	2200	4.4	24694	23	4 × 2740	2 × 2740	16440
HEB 6302 113 12D	630	2	3 ~ 400	2200	4.4	24097	23	6 × 2740	2 × 2740	21920
HEB 6302 150 12D	630	2	3 ~ 400	2200	4.4	23303	23	7 × 2740	2 × 2740	24660
HEB 6303 114 12D	630	3	3 ~ 400	3300	6.6	37058	28	4 × 3800	2 × 3800	22800
HEB 6303 171 12D	630	3	3 ~ 400	3300	6.6	36155	28	6 × 3800	2 × 3800	30400
HEB 6303 227 12D	630	3	3 ~ 400	3300	6.6	35004	28	7 × 3800	2 × 3800	34200
HEB 6304 152 12D	630	4	3 ~ 400	4400	8.8	49431	34	4 × 5060	2 × 5060	30360
HEB 6304 228 12D	630	4	3 ~ 400	4400	8.8	48235	34	6 × 5060	2 × 5060	40480
HEB 6304 304 12D	630	4	3 ~ 400	4400	8.8	46720	33	7 × 5060	2 × 5060	45540
HEB 8001 57 12D	800	1	3 ~ 400	1600	3.5	20257	30	5 × 1700	2 × 1700	11900
HEB 8001 86 12D	800	1	3 ~ 400	1600	3.5	19368	29	8 × 1700	2 × 1700	17000
HEB 8001 115 12D	800	1	3 ~ 400	1600	3.5	18496	27	10 × 1700	2 × 1700	20400
HEB 8002 117 12D	800	2	3 ~ 400	3200	7.0	40626	36	5 × 2810	2 × 2810	19670
HEB 8002 175 12D	800	2	3 ~ 400	3200	7.0	38901	35	8 × 2810	2 × 2810	28100
HEB 8002 234 12D	800	2	3 ~ 400	3200	7.0	37186	32	10 × 2810	2 × 2810	33720
HEB 8003 177 12D	800	3	3 ~ 400	4800	10.5	60993	43	5 × 4420	2 × 4420	30940
HEB 8003 265 12D	800	3	3 ~ 400	4800	10.5	58375	42	8 × 4420	2 × 4420	44200
HEB 8003 353 12D	800	3	3 ~ 400	4800	10.5	55861	38	10 × 4420	2 × 4420	53040

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

AVAILABLE OPTIONS FOR HEB 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
- SS1: 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
- Streamers: Air-guiding device for increased airtrow

Casing options:

- White powder-coated painted aluminium: standard models
- SS2: stainless steel AISI SUS304

Refrigerant options:

- HFC/HFO (A1): standard models
- HFO/HFC (A2L): coming soon
- Glicol: available, please contact our Technical Department
- NH3: see HEB N models

Other options:

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

HEB 系列选配件:

化霜:

- 无化霜 (空气)
- D: 电化霜: 标准型号
- HG: 热氟
- W: 水
- HGD: 内芯热氟化霜, 接水盘电化霜
- WD: 水和电化霜

盘管材质:

- 铜管: 标准型号
- SS1: 304不锈钢

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

- EC风机
- 风筒电加热
- 导风筒: 增加射程

外壳:

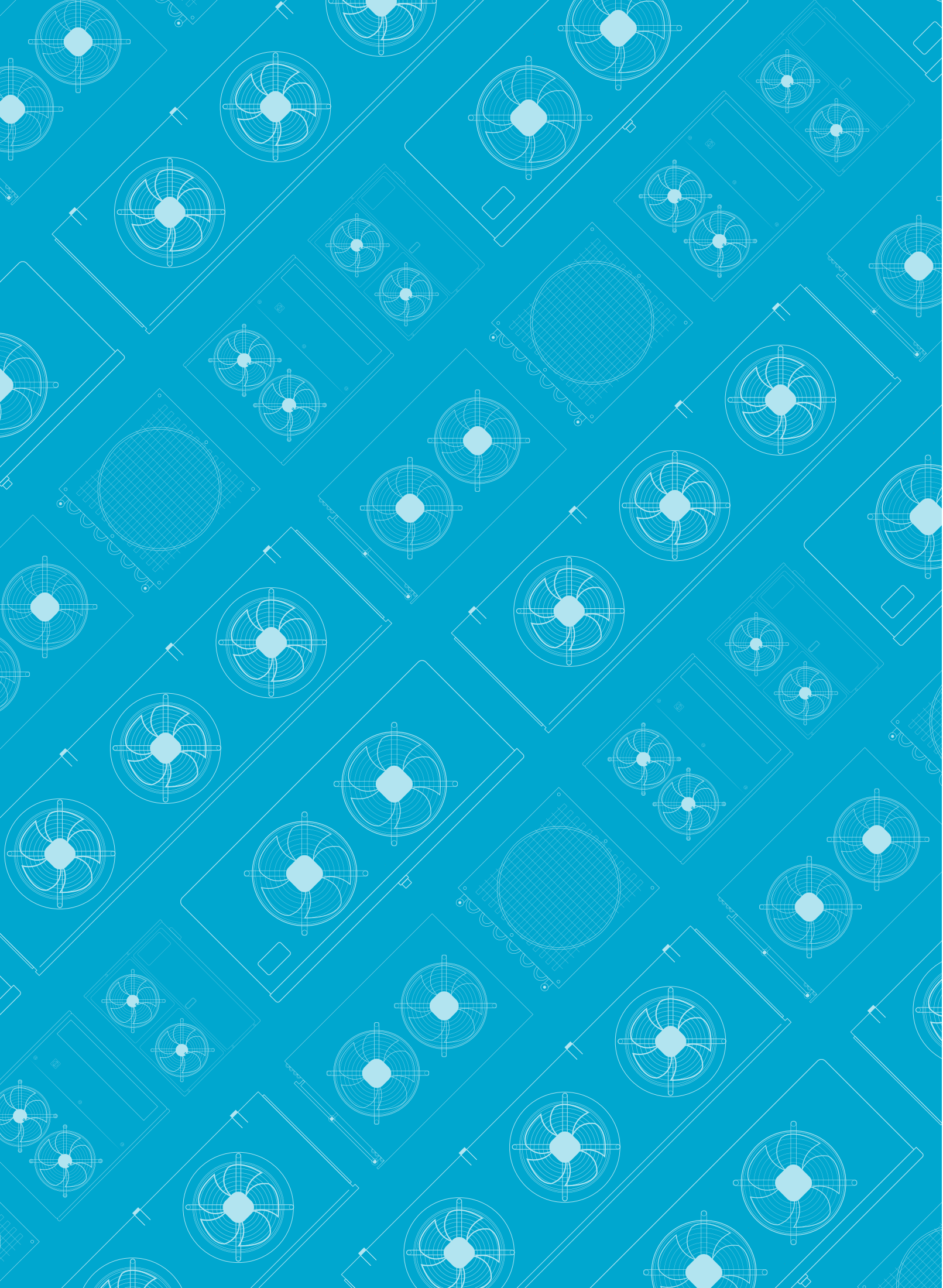
- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

制冷剂:

- HFC/HFO (A1): 标准型号
- HFO/HFC (A2L): 即将上市
- 乙二醇: 可选, 请联系Hispania
- NH3: 请见 HEB N

其他:

- 双接水盘 (低温工况推荐)
- 电化霜热保护器





CUBIC FRUIT EVAPORATORS

果蔬库专用蒸发器

The HEB F range of cubic fruit evaporators has been designed for vegetable and fruit storage, working with a small ΔT to prevent dehydration of the product.

The exchange coils used in the HEB F range are built with a geometry of recognized high efficiency, with special profile aluminum fins and $\phi 15$ mm high quality copper tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

The HEB F range has models with 1 fin pitch:

- HEB F XXXX XX 7X: with 7 mm pitch, suitable for medium temperatures in the cold room ($R_t \geq -18^\circ\text{C}$)

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

-350, 400, 450 mm: single-phase 230V/1/50 Hz with external rotor, with type K grid and nozzle (short mouth). Operating temperature -40°C to $+40^\circ\text{C}$.

- $\phi 500$, 630 mm: three-phase 400V/3/50 Hz with external rotor, with type K grid and nozzle (short mouth). Operating temperature -40°C to $+40^\circ\text{C}$.

HEB SERIES EVAPORATOR

蒸发器系列 HEB

HEB F系列果蔬库专用蒸发器可以工作于小温差的工况，有效防止水分流失，适用于蔬菜水果的储藏。

HEB F的高效内芯采用铝箔和 $\phi 15$ mm高质量铜管，具有较高的换热性能。所有内芯均经过清洁和30bar保压测试。

HEB有一种片距：

- HEB XXXX XX 7X: 7mm片距，适用于中温库 ($R_t \geq -20^\circ\text{C}$)

标准的风机配置如下：

- $\phi 350$, 400, 450 mm: 单相230V/1/50Hz外转子电机，带K网罩和短出风口。工作温度 -40°C 至 $+40^\circ\text{C}$ 。

- $\phi 500$, 630 mm: 三相400V/3/50Hz外转子电机，带K网罩和短出风口。工作温度 -40°C 至 $+40^\circ\text{C}$ 。

HEB F SERIES EVAPORATOR

蒸发器系列 HEB F

-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 +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 drain pan 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.

-ø500, 630 mm: 三相400V/3/50Hz外转子电机, 带L网罩和长风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

所有电器有效接地。电线均接入防护等级IP65的电器盒内。

可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

HEB F G 4002 64 7D SS1 SS2 GF

Fin materials (blank: aluminum, GF: golden fins)
/ 翅片材料 (空白: 铝箔, GF: 金色铝箔)

Casing materials (blank: aluminum, SS2: stainless steel) / 外壳材料 (空白: 铝, SS2: 不锈钢)

Tube materials (blank: copper, SS1: stainless steel) / 盘管材料 (空白: 铜, SS1: 不锈钢)

Defrost system (blank: air, D: electric, HG: hot gas, W: water, HGD: hot gas & electric, WD: water & electric) / 化霜 (空白: 空气, D: 电, HG: 热氟, W: 水, HGD: 热氟&电, WD: 水&电)

Fin spacing (mm) / 片距
Surface (m²) / 面积
Fan number / 风机数量
Fan ø (mm) / 风机直径(mm)

Refrigerant (blank: Freon, G: glycol) / Refrigerante (blanco: Freon, G: glicol)

Series / 系列

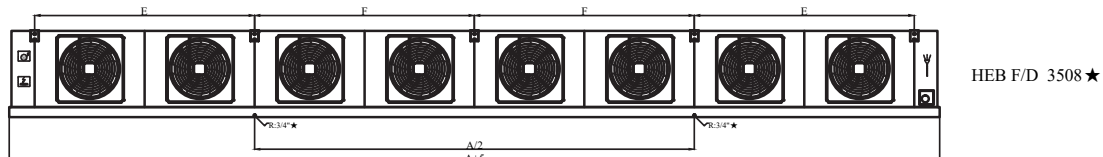
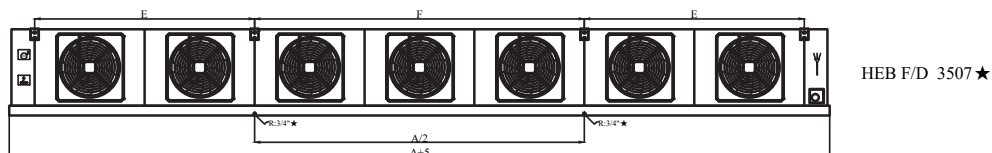
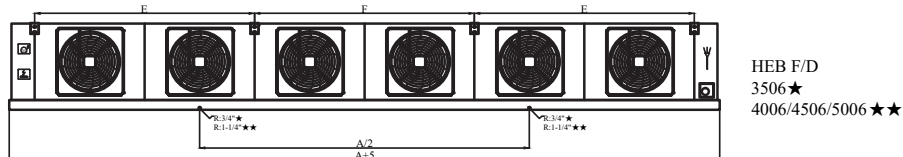
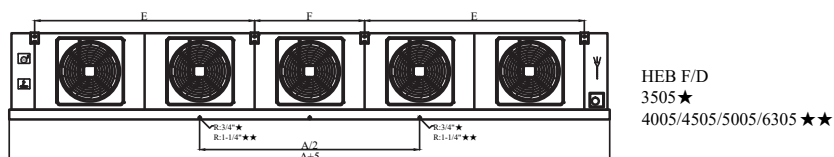
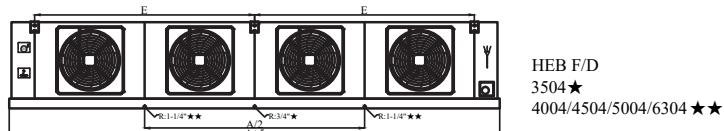
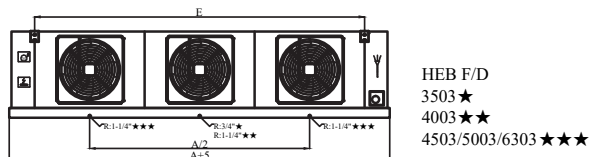
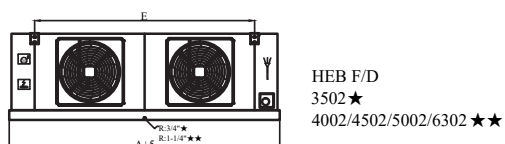
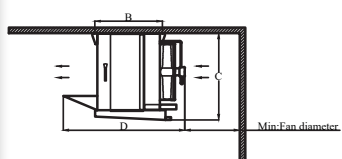


CUBIC FRUIT EVAPORATORS

果蔬库专用蒸发器

HFC/HFO/(HCFC)*

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)



HEB F SERIES EVAPORATOR

蒸发器系列 HEB F

EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

Model / 型号	Dimensions / 尺寸 (mm)					
	A	B	C	D	E	F
HEB F 3502...	1520	570	500	965	1200	
HEB F 3503...	2120	570	500	965	1800	
HEB F 3504...	2720	570	500	965	1200	
HEB F 3505...	3320	570	500	965	1200	600
HEB F 3506...	3920	570	500	965	1200	1200
HEB F 3507...	4520	570	500	965	1200	1800
HEB F 3508...	5120	570	500	965	1200	1200
HEB F 4002...	1820	570	600	955	1500	
HEB F 4003...	2570	570	600	955	2250	
HEB F 4004...	3320	570	600	955	1500	
HEB F 4005...	4070	570	600	955	1500	750
HEB F 4006...	4820	570	600	955	1500	1500
HEB F 4502...	2300	615	700	1025	1900	
HEB F 4503...	3250	615	700	1025	2850	
HEB F 4504...	4200	615	700	1025	1900	
HEB F 4505...	5150	615	700	1025	1900	950
HEB F 4506...	6100	615	700	1025	1900	1900
HEB F 5002...	2460	645	800	1135	2000	
HEB F 5003...	3460	645	800	1135	3000	
HEB F 5004...	4460	645	800	1135	2000	
HEB F 5005...	5460	645	800	1135	2000	1000
HEB F 5006...	6460	645	800	1135	2000	2000
HEB F 6302...	2860	705	900	1215	2400	
HEB F 6303...	4060	705	900	1215	3600	
HEB F 6304...	5260	705	900	1215	2400	
HEB F 6305...	6460	705	900	1215	2400	1200

CUBIC FRUIT EVAPORATORS

果蔬库专用蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -3°C	t _e = -8°C	t _e = -3°C	t _e = -8°C				Inlet/ 进口	Outlet/ 出口
	DT1=5K	DT1=8K	DT1=5K	DT1=8K					
HEB F 3502 41 7D	3.65	6.66	3.25	6.75	40.9	9.0	62	12	28
HEB F 3503 61 7D	5.66	9.98	5.20	10.19	61.4	13.5	88	22	35
HEB F 3504 82 7D	7.41	13.40	6.60	13.56	81.9	18.0	115	22	35
HEB F 3505 102 7D	9.55	16.52	9.14	17.02	102.4	22.5	141	22	35
HEB F 3506 123 7D	11.42	20.07	10.53	20.47	122.8	27.0	167	22	42
HEB F 3507 143 7D	12.35	23.41	11.07	23.47	143.3	31.5	194	22	54
HEB F 3508 164 7D	14.95	26.89	13.31	27.17	163.8	36.0	221	28	54
HEB F 4002 64 7D	5.35	10.05	4.76	10.12	64.0	14.1	84	22	35
HEB F 4003 96 7D	8.58	15.03	7.97	15.37	96.0	21.1	120	22	35
HEB F 4004 128 7D	10.83	20.19	9.64	20.30	128.0	28.1	158	22	54
HEB F 4005 160 7D	14.39	25.15	13.37	25.69	160.0	35.1	195	28	54
HEB F 4006 192 7D	16.31	30.32	14.52	30.48	191.9	42.2	232	28	67
HEB F 4502 97 7D	8.78	15.37	8.20	15.76	97.3	21.4	123	22	35
HEB F 4503 146 7D	13.24	23.16	12.38	23.71	145.9	32.0	178	22	42
HEB F 4504 195 7D	17.70	30.94	16.56	31.66	194.5	42.7	234	28	54
HEB F 4505 243 7D	21.41	38.97	19.06	39.32	243.1	53.4	290	28	67
HEB F 4506 292 7D	26.63	46.51	24.92	47.56	291.8	64.1	350	28	67
HEB F 5002 119 7D	28.77	19.83	29.77	20.50	119.4	26.2	163	22	42
HEB F 5003 179 7D	44.21	30.38	44.71	30.63	179.2	39.3	237	28	54
HEB F 5004 239 7D	57.96	39.95	59.85	41.22	238.9	52.5	310	28	54
HEB F 5005 299 7D	73.78	50.76	75.05	51.52	298.6	65.6	384	28	67
HEB F 5006 358 7D	87.14	60.07	89.93	61.94	358.3	78.7	461	28	67
HEB F 6302 164 7D	43.50	29.94	44.32	30.43	163.8	36.0	238	28	54
HEB F 6303 246 7D	64.88	44.73	66.69	45.90	245.7	54.0	347	28	67
HEB F 6304 328 7D	87.33	60.13	88.88	61.03	327.6	72.0	456	28	76
HEB F 6305 410 7D	106.82	73.73	110.75	76.40	409.5	89.9	568	35	76

HEB F SERIES EVAPORATOR

蒸发器系列 HEB F

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEB F 3502 41 7D	350	2	1 ~ 230	300	1.3	4397	11	3 × 1510	2 × 1510	7550
HEB F 3503 61 7D	350	3	1 ~ 230	450	2.0	6593	13	3 × 1700	2 × 1700	8500
HEB F 3504 82 7D	350	4	1 ~ 230	600	2.6	8793	15	3 × 2000	2 × 2000	10000
HEB F 3505 102 7D	350	5	1 ~ 230	750	3.3	10985	18	3 × 3200	2 × 3200	16000
HEB F 3506 123 7D	350	6	1 ~ 230	900	3.9	13186	22	3 × 3800	2 × 3800	19000
HEB F 3507 143 7D	350	7	1 ~ 230	1050	4.6	15394	27	3 × 4420	2 × 4420	22100
HEB F 3508 164 7D	350	8	1 ~ 230	1200	5.2	17586	32	3 × 5060	2 × 5060	25300
HEB F 4002 64 7D	400	2	1 ~ 230	480	2.1	6354	11	4 × 1800	2 × 1800	10800
HEB F 4003 96 7D	400	3	1 ~ 230	720	3.2	9526	14	4 × 1980	2 × 1980	11880
HEB F 4004 128 7D	400	4	1 ~ 230	960	4.2	12706	16	4 × 3200	2 × 3200	19200
HEB F 4005 160 7D	400	5	1 ~ 230	1200	5.3	15876	18	4 × 3800	2 × 3800	22800
HEB F 4006 192 7D	400	6	1 ~ 230	1440	6.3	19059	23	4 × 4800	2 × 4800	28800
HEB F 4502 97 7D	450	2	1 ~ 230	780	3.6	9922	12	5 × 1600	2 × 1600	11200
HEB F 4503 146 7D	450	3	1 ~ 230	1170	5.4	14882	14	5 × 2810	2 × 2810	19670
HEB F 4504 195 7D	450	4	1 ~ 230	1560	7.2	19843	17	5 × 3800	2 × 3800	26600
HEB F 4505 243 7D	450	5	1 ~ 230	1950	9.0	24811	21	5 × 4800	2 × 4800	33600
HEB F 4506 292 7D	450	6	1 ~ 230	2340	10.8	29763	25	6 × 5000	2 × 5000	40000
HEB F 5002 119 7D	500	2	3 ~ 400	1300	2.3	13851	17	5 × 2320	2 × 2320	16240
HEB F 5003 179 7D	500	3	3 ~ 400	1950	3.5	20785	20	5 × 3200	2 × 3200	22400
HEB F 5004 239 7D	500	4	3 ~ 400	2600	4.6	27701	24	5 × 4260	2 × 4260	29820
HEB F 5005 299 7D	500	5	3 ~ 400	3250	5.8	34635	29	5 × 5000	2 × 5000	35000
HEB F 5006 358 7D	500	6	3 ~ 400	3900	6.9	41551	34	6 × 5000	2 × 5000	40000
HEB F 6302 164 7D	630	2	3 ~ 400	2200	4.4	22632	25	6 × 2000	2 × 2000	16000
HEB F 6303 246 7D	630	3	3 ~ 400	3300	6.6	33938	30	6 × 3800	2 × 3800	30400
HEB F 6304 328 7D	630	4	3 ~ 400	4400	8.8	45263	36	6 × 5060	2 × 5060	40480
HEB F 6305 410 7D	630	5	3 ~ 400	5500	11.0	56551	43	7 × 5000	2 × 5000	45000

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

AVAILABLE OPTIONS FOR HEB 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
- SS1: 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
- Streamers: Air-guiding device for increased airtrow

Casing options:

- White powder-coated painted aluminium: standard models
- SS2: stainless steel AISI SUS304

Refrigerant options:

- HFC/HFO (A1): standard models
- HFO/HFC (A2L): coming soon
- Glicol: available, please contact our Technical Department

Other options:

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

HEB F 系列选配件:

化霜:

- 无化霜 (空气)
- D: 电化霜: 标准型号
- HG: 热氟
- W: 水
- HGD: 内芯热氟化霜, 接水盘电化霜
- WD: 水和电化霜

盘管材质:

- 铜管: 标准型号
- SS1: 304不锈钢

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

- EC风机
- 风筒电加热
- 导风筒: 增加射程

外壳:

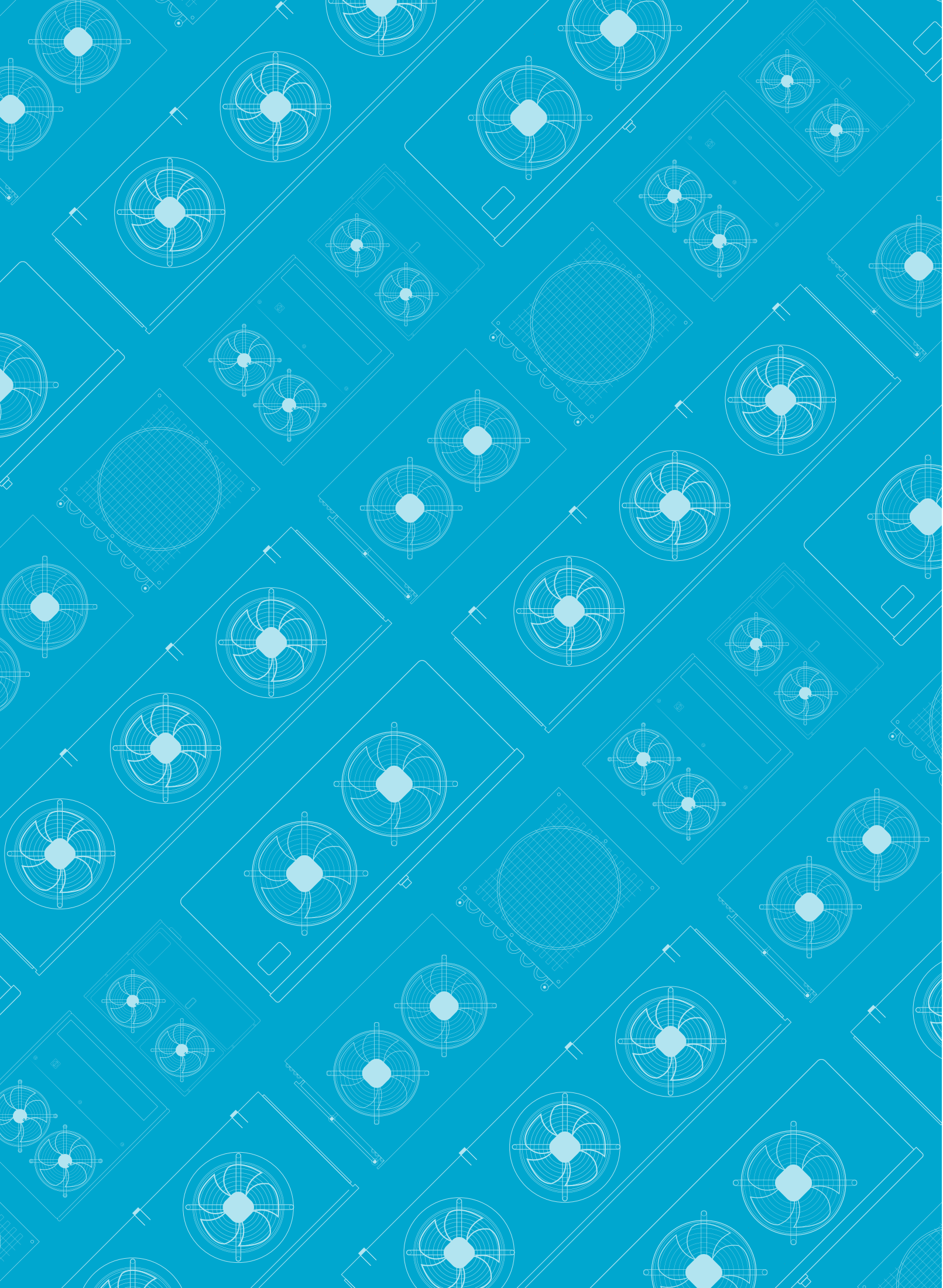
- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

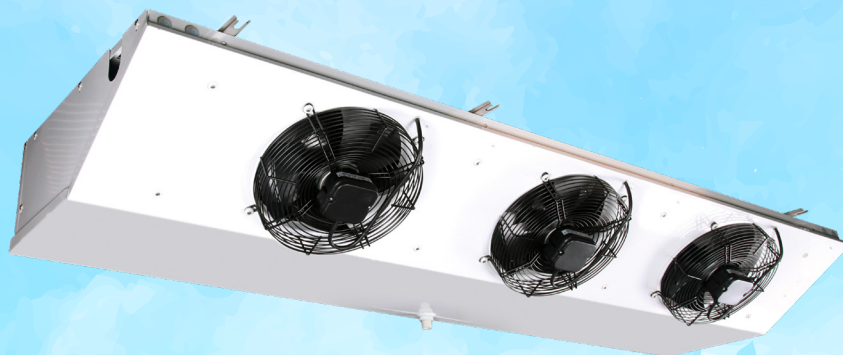
制冷剂:

- HFC/HFO (A1): 标准型号
- HFO/HFC (A2L): 即将上市
- 乙二醇: 可选, 请联系Hispania

其他:

- 双接水盘 (低温工况推荐)
- 电化霜热保护器





COMPACT-CEILING AIR TYPE EVAPORATORS

紧凑型蒸发器

The HEC range of compact-ceiling air type evaporators has been designed for use in low height commercial cold rooms for the preservation of fresh and frozen products.

The exchange coils used in the HEC range are built with geometries of recognized high efficiency, with special profile aluminum fins and $\varnothing 12$ mm internally grooved (HEC 25XX, HEC Plus 30XX) or $\varnothing 15$ mm (HEC 30XX) high quality copper tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

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

For high temperatures in the cold room

- HEC 25XX XX 4X: with 4 mm pitch ($R_t \geq 0^\circ\text{C}$)
- HEC Plus 30XX XX 4X: with 4 mm pitch ($R_t \geq 0^\circ\text{C}$)
- HEC 30XX XX 4.5X: with 4.5 mm pitch ($R_t \geq 0^\circ\text{C}$)

For medium temperatures in the cold room

- HEC 25XX XX 6X: with 6 mm pitch ($R_t \geq -18^\circ\text{C}$)
- HEC Plus 30XX XX 6X: with 6 mm pitch ($R_t \geq -18^\circ\text{C}$)
- HEC 30XX XX 7X: with 7 mm pitch ($R_t \geq -20^\circ\text{C}$)

For low temperatures in the cold room

- HEC 25XX XX 9X: with 9 mm pitch ($R_t \geq -35^\circ\text{C}$)
- HEC Plus 30XX XX 9X: with 9 mm pitch ($R_t \geq -35^\circ\text{C}$)
- HEC 30XX XX 10X: with 10 mm pitch ($R_t \geq -35^\circ\text{C}$)

HEC SERIES EVAPORATOR

蒸发器系列 HEC

HEC系列紧凑型蒸发器适用于空间高度较小的冷库的冷冻冷藏需求。

HEC的高效内芯采用铝箔和 $\varnothing 12$ mm内螺纹铜管(HEC 25XX, HEC Plus 30XX)或者 $\varnothing 15$ mm光管(HEC 30XX), 具有较高的换热性能。所有内芯均经过清洁和30bar保压测试。

HEC有多种片距, 满足不同温度的应用:

高温库

- HEC 25XX XX 4X: 4mm片距 ($R_t \geq 0^\circ\text{C}$)
- HEC Plus 30XX XX 4X: 4mm片距 ($R_t \geq 0^\circ\text{C}$)
- HEC 30XX XX 4.5X: 4.5mm片距 ($R_t \geq 0^\circ\text{C}$)

中温库

- HEC 25XX XX 6X: 6mm片距 ($R_t \geq -18^\circ\text{C}$)
- HEC Plus 30XX XX 6X: 6mm片距 ($R_t \geq -18^\circ\text{C}$)
- HEC 30XX XX 7X: 7mm片距 ($R_t \geq -20^\circ\text{C}$)

低温库

- HEC 25XX XX 9X: 9mm片距 ($R_t \geq -35^\circ\text{C}$)
- HEC Plus 30XX XX 9X: 9mm片距 ($R_t \geq -35^\circ\text{C}$)
- HEC 30XX XX 10X: 10mm片距 ($R_t \geq -35^\circ\text{C}$)

HEC & HEC Plus SERIES EVAPORATOR

蒸发器系列 HEC & HEC Plus

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

-Single-phase 230V/1/50 Hz with external rotor, with type K grid and nozzle (short 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.

标准的风机配置如下:

-单相230V/1/50Hz外转子电机, 带K网罩和短出风口. 工作温度-40°C至+40°C.

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

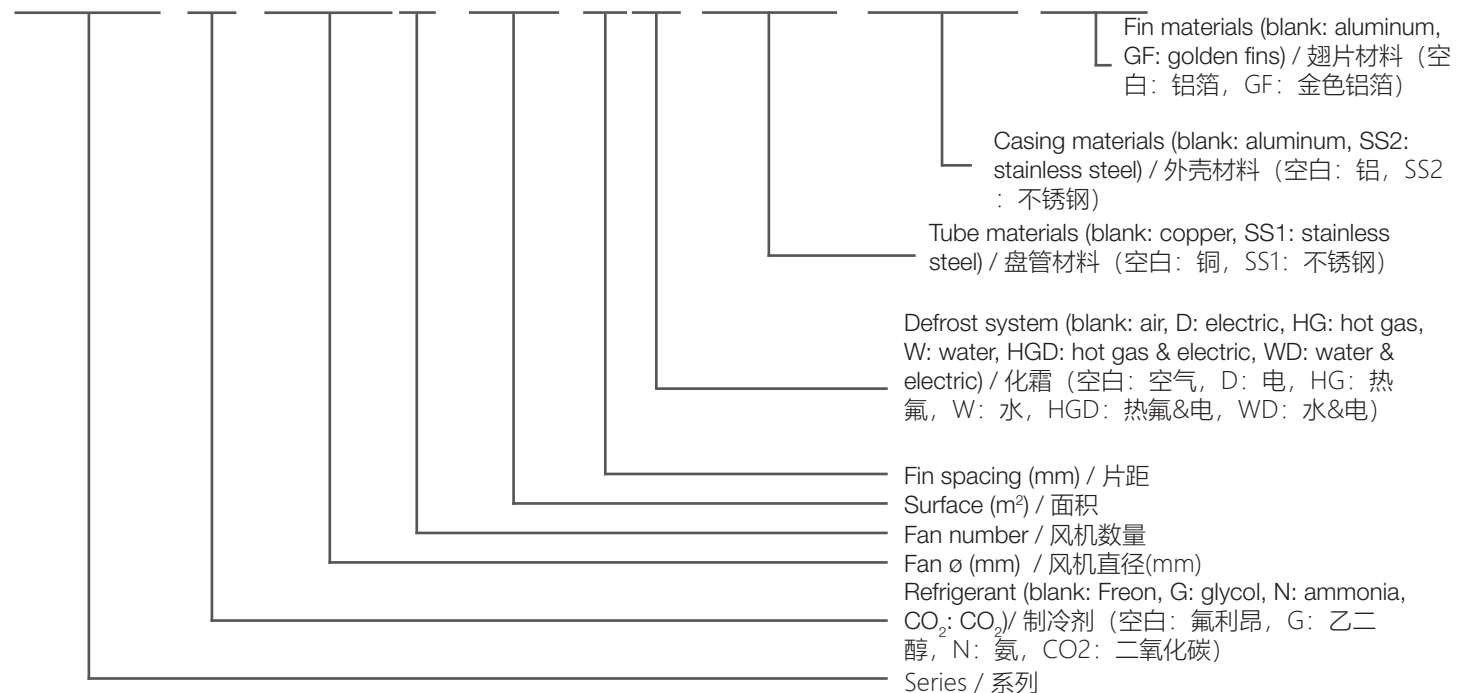
所有电器有效接地。电线均接入防护等级IP65的电器盒内。

可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

HEC G 2503 26 4D SS1 SS2 GF

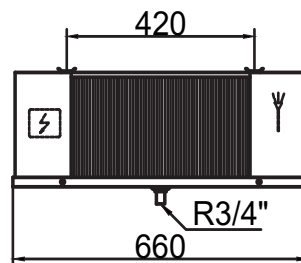
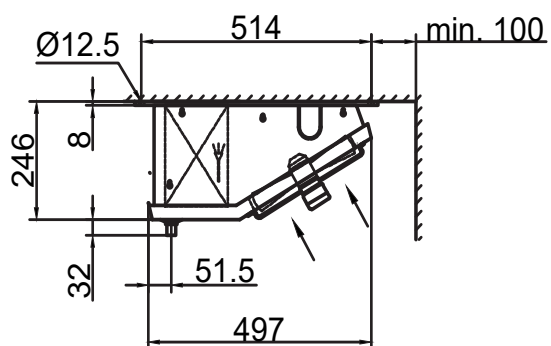


COMPACT-CEILING AIR TYPE EVAPORATORS

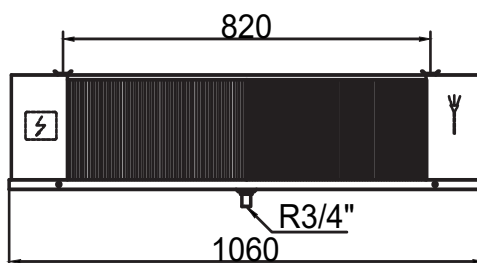
紧凑型蒸发器

HFC/HFO/(HCFC)*

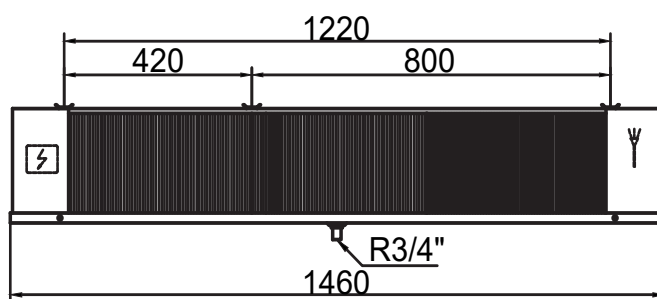
EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)



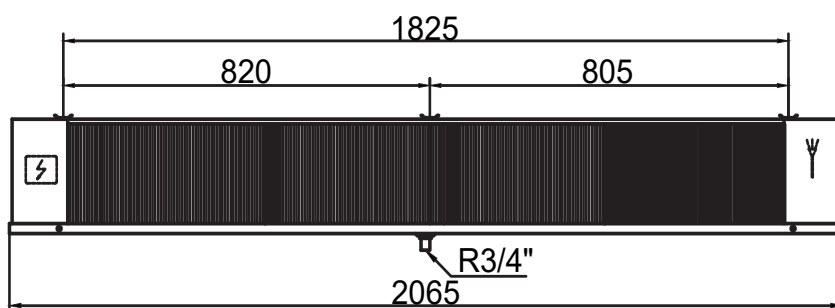
HEC/D 2501



HEC/D 2502



HEC/D 2503

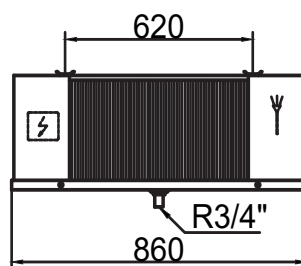
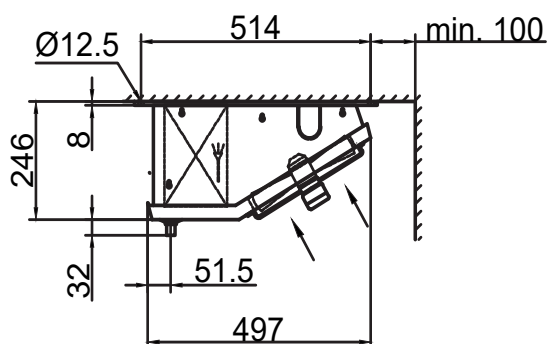


HEC/D 2504

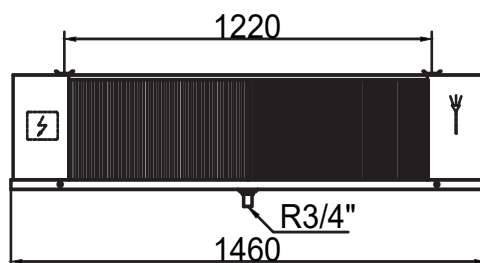
Dia. 1

HEC & HEC Plus SERIES EVAPORATOR

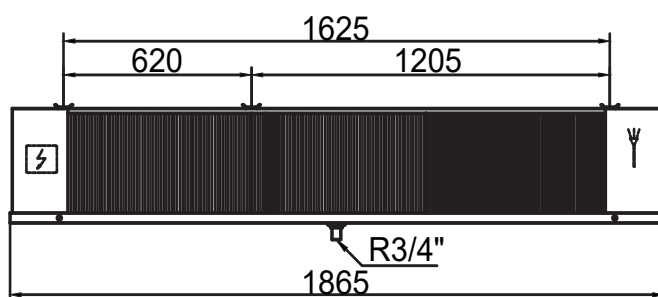
蒸发器系列 HEC & HEC Plus



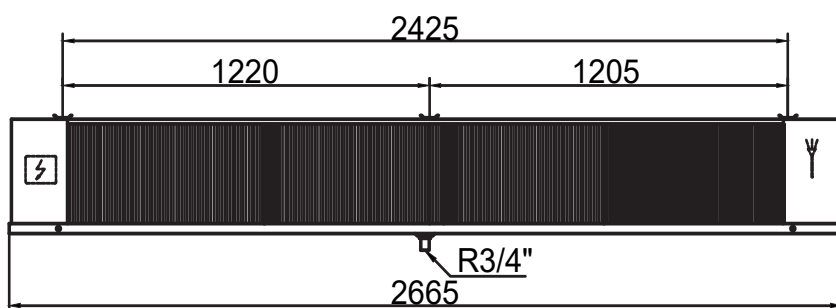
HEC/D 2501



HEC/D 2502



HEC/D 2503



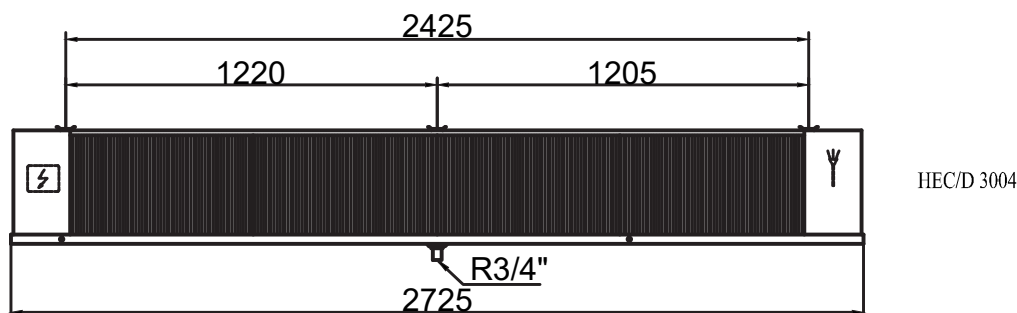
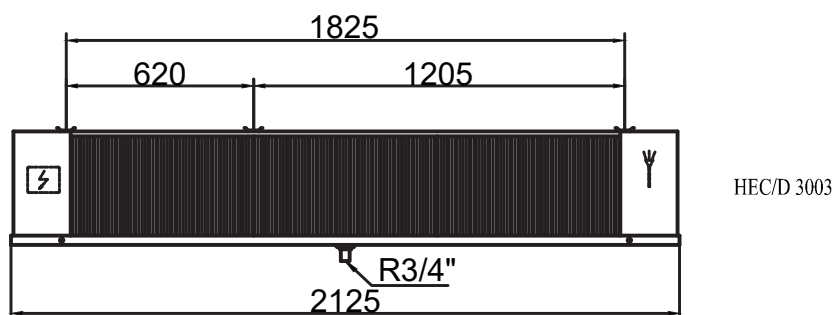
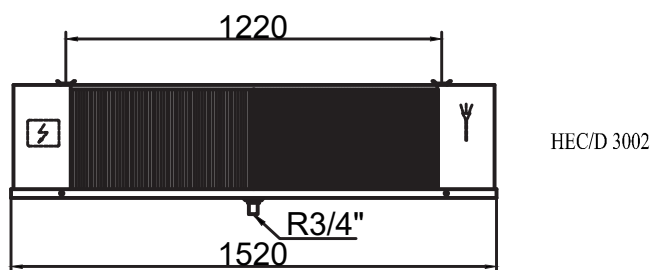
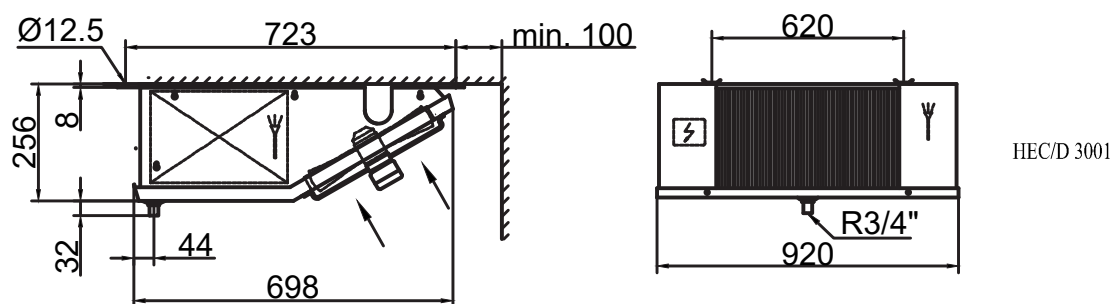
HEC/D 2504

Dia. 2

紧凑型蒸发器

HFC/HFO/(HCFC)*

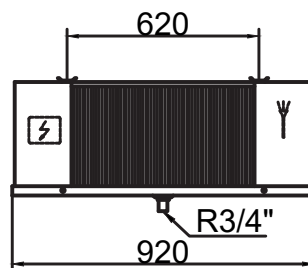
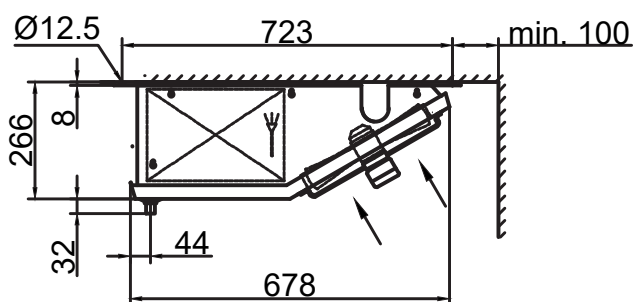
EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)



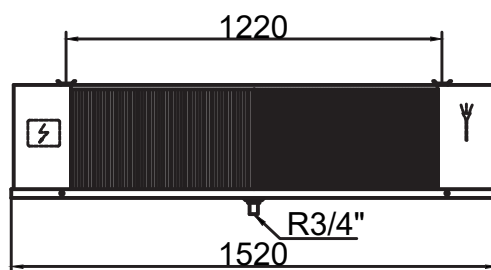
Dia. 3

HEC & HEC Plus SERIES EVAPORATOR

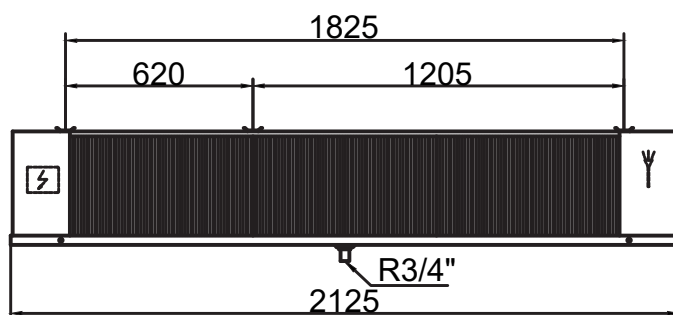
蒸发器系列 HEC & HEC Plus



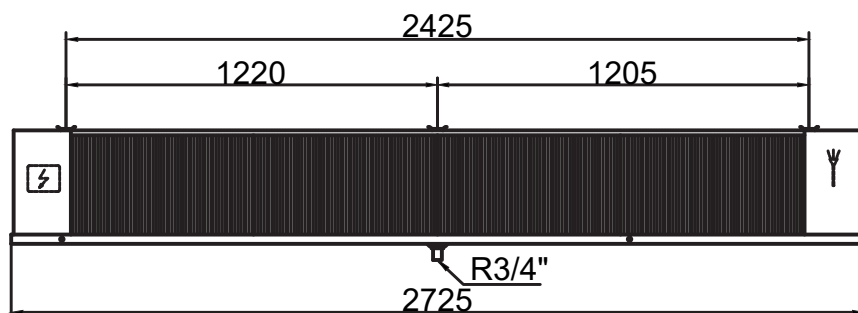
HEC PLUS/D 3001



HEC PLUS/D 3002



HEC PLUS/D 3003



HEC PLUS/D 3004

Dia. 4

COMPACT-CEILING AIR TYPE EVAPORATORS

紧凑型蒸发器

HFC/HFO/(HCFC)*

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

片距4mm, 带电加热。库温>=0°C

EVAPORATORS / 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)		Dimen- sion 尺寸 (mm)
	t _e = 0°C	t _e = -8°C	t _e = 0°C	t _e = -8°C				Inlet/ 进口	Out- let/ 出口	
	DT1=10K	DT1=8K	DT1=10K	DT1=8K						
HEC 2501 05 4D	1.40	0.97	1.41	0.96	4.3	0.7	11	12	12	Dia. 1
HEC 2501 06 4D	1.63	1.14	1.66	1.16	5.7	1.0	12	12	12	Dia. 1
HEC 2501 07 4D	1.94	1.34	1.97	1.36	6.4	1.1	13	12	12	Dia. 2
HEC 2501 09 4D	2.21	1.54	2.29	1.59	8.5	1.4	16	12	12	Dia. 2
HEC 2502 12 4D	3.31	2.32	3.35	2.35	11.4	1.9	18	12	19	Dia. 1
HEC 2502 18 4D	4.50	3.14	4.64	3.24	17.1	2.9	23	12	19	Dia. 2
HEC 2503 17 4D	4.99	3.49	5.03	3.53	17.1	2.9	32	12	22	Dia. 1
HEC 2503 26 4D	6.98	4.85	7.06	4.91	25.7	4.3	42	12	28	Dia. 2
HEC 2504 23 4D	6.66	4.67	6.72	4.71	22.9	3.8	47	12	28	Dia. 1
HEC 2504 34 4D	9.32	6.48	9.39	6.51	34.3	5.8	54	12	28	Dia. 2
HEC Plus 3001 13 4D	3.35	2.35	3.40	2.39	12.8	2.2	28	12	19	Dia. 4
HEC Plus 3001 17 4D	3.61	2.54	3.63	2.50	17.1	2.9	33	12	22	Dia. 4
HEC Plus 3002 26 4D	6.70	4.70	6.70	4.43	25.7	4.3	40	12	28	Dia. 4
HEC Plus 3002 34 4D	7.27	5.11	7.30	5.01	34.3	5.8	48	12	28	Dia. 4
HEC Plus 3003 39 4D	10.19	7.16	10.31	7.25	38.6	6.5	59	12	28	Dia. 4
HEC Plus 3003 51 4D	10.74	7.57	10.96	7.73	51.4	8.7	68	12	28	Dia. 4
HEC Plus 3004 51 4D	13.26	9.33	13.63	9.60	51.4	8.7	76	15	28	Dia. 4
HEC Plus 3004 69 4D	13.56	9.55	14.13	9.98	68.6	11.5	88	15	28	Dia. 4

HEC & HEC Plus SERIES EVAPORATOR

蒸发器系列 HEC & HEC Plus

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

片距4mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HEC 2501 05 4D	250	1	1 ~ 230	50	0.2	683	5	1 × 400	1 × 400	800
HEC 2501 06 4D	250	1	1 ~ 230	50	0.2	600	4	1 × 400	1 × 400	800
HEC 2501 07 4D	250	1	1 ~ 230	50	0.2	847	4	1 × 550	1 × 550	1100
HEC 2501 09 4D	250	1	1 ~ 230	50	0.2	786	4	1 × 550	1 × 550	1100
HEC 2502 12 4D	250	2	1 ~ 230	100	0.5	1202	5	1 × 700	1 × 700	1400
HEC 2502 18 4D	250	2	1 ~ 230	100	0.5	1572	5	1 × 1000	1 × 1000	2000
HEC 2503 17 4D	250	3	1 ~ 230	150	0.7	1801	6	1 × 1250	1 × 1250	2500
HEC 2503 26 4D	250	3	1 ~ 230	150	0.7	2358	6	1 × 1700	1 × 1700	3400
HEC 2504 23 4D	250	4	1 ~ 230	200	0.9	2404	7	1 × 1400	1 × 1400	2800
HEC 2504 34 4D	250	4	1 ~ 230	200	0.9	3145	7	1 × 2000	1 × 2000	4000
HEC Plus 3001 13 4D	300	1	1 ~ 230	80	0.4	963	9	2 × 750	1 × 750	2250
HEC Plus 3001 17 4D	300	1	1 ~ 230	80	0.4	858	6	3 × 750	2 × 750	3750
HEC Plus 3002 26 4D	300	2	1 ~ 230	160	0.8	1930	10	2 × 1250	1 × 1250	3750
HEC Plus 3002 34 4D	300	2	1 ~ 230	160	0.8	1718	8	3 × 1250	2 × 1250	6250
HEC Plus 3003 39 4D	300	3	1 ~ 230	240	1.2	2893	13	2 × 1700	1 × 1700	5100
HEC Plus 3003 51 4D	300	3	1 ~ 230	240	1.2	2576	9	3 × 1700	2 × 1700	8500
HEC Plus 3004 51 4D	300	4	1 ~ 230	320	1.6	3857	15	2 × 2000	1 × 2000	6000
HEC Plus 3004 69 4D	300	4	1 ~ 230	320	1.6	3435	11	3 × 2000	2 × 2000	10000

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

COMPACT-CEILING AIR TYPE EVAPORATORS

紧凑型蒸发器

HFC/HFO/(HCFC)*

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

片距6mm, 带电化霜库温>=-18°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)		Di- men- sion 尺寸 (mm)
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口	
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEC 2501 03 6D	0.82	0.63	0.78	0.60	2.9	0.7	11	12	12	Dia. 1
HEC 2501 04 6D	1.00	0.75	1.00	0.74	3.9	1.0	12	12	12	Dia. 1
HEC 2501 05 6D	1.13	0.82	1.14	0.82	4.4	1.1	13	12	12	Dia. 2
HEC 2501 06 6D	1.35	0.95	1.38	0.98	5.9	1.4	16	12	12	Dia. 2
HEC 2502 08 6D	2.02	1.53	2.02	1.51	7.9	1.9	18	12	19	Dia. 1
HEC 2502 12 6D	2.73	1.93	2.80	2.00	11.8	2.9	22	12	19	Dia. 2
HEC 2503 12 6D	3.04	2.30	3.03	2.27	11.8	2.9	31	12	22	Dia. 1
HEC 2503 18 6D	4.16	3.07	4.17	3.04	17.7	4.3	41	12	28	Dia. 2
HEC 2504 16 6D	4.07	3.08	4.06	3.04	15.7	3.8	46	12	28	Dia. 1
HEC 2504 24 6D	5.52	4.11	5.41	4.02	23.6	5.8	53	12	28	Dia. 2
HEC Plus 3001 09 6D	2.13	1.57	2.15	1.57	8.8	2.2	28	12	19	Dia. 4
HEC Plus 3001 12 6D	2.37	1.76	2.29	1.73	11.8	2.9	33	12	22	Dia. 4
HEC Plus 3002 18 6D	4.13	3.16	3.85	3.03	17.7	4.3	39	12	28	Dia. 4
HEC Plus 3002 24 6D	4.78	3.56	4.60	3.48	23.6	5.8	47	12	28	Dia. 4
HEC Plus 3003 27 6D	6.46	4.82	6.52	4.80	26.5	6.5	57	12	28	Dia. 4
HEC Plus 3003 35 6D	7.16	5.26	7.30	5.33	35.4	8.7	66	12	28	Dia. 4
HEC Plus 3004 35 6D	8.53	6.09	8.74	6.36	35.4	8.7	74	15	28	Dia. 4
HEC Plus 3004 47 6D	9.14	6.32	9.50	6.80	47.2	11.5	86	15	28	Dia. 4

HEC & HEC Plus SERIES EVAPORATOR

蒸发器系列 HEC & HEC Plus

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

片距6mm, 带电化霜库温>=-18°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HEC 2501 03 6D	250	1	1 ~ 230	50	0.2	747	6	1 × 400	1 × 400	800
HEC 2501 04 6D	250	1	1 ~ 230	50	0.2	660	5	1 × 400	1 × 400	800
HEC 2501 05 6D	250	1	1 ~ 230	50	0.2	889	4	1 × 550	1 × 550	1100
HEC 2501 06 6D	250	1	1 ~ 230	50	0.2	831	4	1 × 550	1 × 550	1100
HEC 2502 08 6D	250	2	1 ~ 230	100	0.5	1321	5	1 × 700	1 × 700	1400
HEC 2502 12 6D	250	2	1 ~ 230	100	0.5	1663	5	1 × 1000	1 × 1000	2000
HEC 2503 12 6D	250	3	1 ~ 230	150	0.7	1981	7	1 × 1250	1 × 1250	2500
HEC 2503 18 6D	250	3	1 ~ 230	150	0.7	2495	6	1 × 1700	1 × 1700	3400
HEC 2504 16 6D	250	4	1 ~ 230	200	0.9	2643	7	1 × 1400	1 × 1400	2800
HEC 2504 24 6D	250	4	1 ~ 230	200	0.9	3327	8	1 × 2000	1 × 2000	4000
HEC Plus 3001 09 6D	300	1	1 ~ 230	80	0.4	1050	10	2 × 750	1 × 750	2250
HEC Plus 3001 12 6D	300	1	1 ~ 230	80	0.4	935	7	3 × 750	2 × 750	3750
HEC Plus 3002 18 6D	300	2	1 ~ 230	160	0.8	2105	12	2 × 1250	1 × 1250	3750
HEC Plus 3002 24 6D	300	2	1 ~ 230	160	0.8	1871	8	3 × 1250	2 × 1250	6250
HEC Plus 3003 27 6D	300	3	1 ~ 230	240	1.2	3154	14	2 × 1700	1 × 1700	5100
HEC Plus 3003 35 6D	300	3	1 ~ 230	240	1.2	2807	10	3 × 1700	2 × 1700	8500
HEC Plus 3004 35 6D	300	4	1 ~ 230	320	1.6	4204	17	2 × 2000	1 × 2000	6000
HEC Plus 3004 47 6D	300	4	1 ~ 230	320	1.6	3742	12	3 × 2000	2 × 2000	10000

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

COMPACT-CEILING AIR TYPE EVAPORATORS

紧凑型蒸发器

HFC/HFO/(HCFC)*

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

片距9mm, 带电化霜库温>=-35°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)		Di- men- sion 尺寸 (mm)
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口	
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEC 2501 02 9D	0.65	0.50	0.60	0.47	2.1	0.7	11	12	12	Dia. 1
HEC 2501 03 9D	0.84	0.63	0.82	0.61	2.7	1.0	13	12	12	Dia. 1
HEC 2501 04 9D	1.13	0.81	1.15	0.81	4.1	1.4	16	12	12	Dia. 2
HEC 2502 06 9D	1.70	1.27	1.64	1.24	5.5	1.9	18	12	12	Dia. 1
HEC 2502 08 9D	2.29	1.65	2.33	1.65	8.2	2.9	22	12	19	Dia. 2
HEC 2503 08 9D	2.56	1.92	2.48	1.87	8.2	2.9	31	12	22	Dia. 1
HEC 2503 12 9D	3.43	2.51	3.35	2.46	12.3	4.3	40	12	28	Dia. 2
HEC 2504 11 9D	3.42	2.57	3.31	2.50	11.0	3.8	45	12	28	Dia. 1
HEC 2504 16 9D	4.55	3.33	4.32	3.24	16.4	5.8	51	12	28	Dia. 2
HEC Plus 3001 06 9D	1.85	1.36	1.83	1.35	6.2	2.2	27	12	19	Dia. 4
HEC Plus 3001 08 9D	2.12	1.57	2.02	1.53	8.2	2.9	32	12	22	Dia. 4
HEC Plus 3002 12 9D	3.45	2.66	3.21	2.55	12.3	4.3	38	12	28	Dia. 4
HEC Plus 3002 16 9D	4.26	3.16	4.05	3.08	16.4	5.8	46	12	28	Dia. 4
HEC Plus 3003 19 9D	5.60	4.17	5.53	4.09	18.5	6.5	55	12	28	Dia. 4
HEC Plus 3003 25 9D	6.50	4.78	6.59	4.77	24.7	8.7	63	12	28	Dia. 4
HEC Plus 3004 25 9D	7.48	5.44	7.62	5.51	24.7	8.7	72	15	28	Dia. 4
HEC Plus 3004 33 9D	8.41	5.88	8.68	6.21	32.9	11.5	82	15	28	Dia. 4

HEC & HEC Plus SERIES EVAPORATOR

蒸发器系列 HEC & HEC Plus

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

片距9mm, 带电化霜库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HEC 2501 02 9D	250	1	1 ~ 230	50	0.2	795	6	1 × 400	1 × 400	800
HEC 2501 03 9D	250	1	1 ~ 230	50	0.2	718	4	1 × 400	1 × 400	800
HEC 2501 04 9D	250	1	1 ~ 230	50	0.2	871	4	1 × 550	1 × 550	1100
HEC 2502 06 9D	250	2	1 ~ 230	100	0.5	1438	5	1 × 550	1 × 550	1100
HEC 2502 08 9D	250	2	1 ~ 230	100	0.5	1744	5	1 × 700	1 × 700	1400
HEC 2503 08 9D	250	3	1 ~ 230	150	0.7	2166	7	1 × 1250	1 × 1250	2500
HEC 2503 12 9D	250	3	1 ~ 230	150	0.7	2624	7	1 × 1700	1 × 1700	3400
HEC 2504 11 9D	250	4	1 ~ 230	200	0.9	2891	8	1 × 1400	1 × 1400	2800
HEC 2504 16 9D	250	4	1 ~ 230	200	0.9	3499	8	1 × 2000	1 × 2000	4000
HEC Plus 3001 06 9D	300	1	1 ~ 230	80	0.4	1140	10	2 × 750	1 × 750	2250
HEC Plus 3001 08 9D	300	1	1 ~ 230	80	0.4	1020	7	3 × 750	2 × 750	3750
HEC Plus 3002 12 9D	300	2	1 ~ 230	160	0.8	2286	9	2 × 1250	1 × 1250	3750
HEC Plus 3002 16 9D	300	2	1 ~ 230	160	0.8	2042	11	3 × 1250	2 × 1250	6250
HEC Plus 3003 19 9D	300	3	1 ~ 230	240	1.2	3423	14	2 × 1700	1 × 1700	5100
HEC Plus 3003 25 9D	300	3	1 ~ 230	240	1.2	3061	10	3 × 1700	2 × 1700	8500
HEC Plus 3004 25 9D	300	4	1 ~ 230	320	1.6	4561	17	2 × 2000	1 × 2000	6000
HEC Plus 3004 33 9D	300	4	1 ~ 230	320	1.6	4081	12	3 × 2000	2 × 2000	10000

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

COMPACT-CEILING AIR TYPE EVAPORATORS

紧凑型蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 4.5 mm, with electrical defrost. Rt>=0°C

片距4.5mm, 带电加热。库温>=0°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)		Dimen- sion 尺寸 (mm)
	t _e = 0°C	t _e = -8°C	t _e = 0°C	t _e = -8°C				Inlet/ 进口	Out- let/ 出口	
	DT1=10K	DT1=8K	DT1=10K	DT1=8K						
HEC 3001 11 4.5D	2.10	1.47	2.08	1.32	10.4	1.5	18	12	15	Dia. 3
HEC 3001 16 4.5D	2.73	1.91	2.75	1.92	15.5	2.2	21	12	15	Dia. 3
HEC 3002 21 4.5D	4.32	3.00	4.45	3.09	20.8	3.0	32	12	15	Dia. 3
HEC 3002 32 4.5D	5.52	3.87	5.54	3.87	31.1	4.5	39	12	22	Dia. 3
HEC 3003 32 4.5D	6.60	4.59	6.64	4.60	31.1	4.5	35	12	22	Dia. 3
HEC 3003 48 4.5D	8.14	5.69	8.39	5.86	46.7	6.8	56	12	22	Dia. 3
HEC 3004 43 4.5D	8.72	6.07	8.97	6.23	41.5	6.0	60	12	22	Dia. 3
HEC 3004 64 4.5D	11.04	7.73	11.25	7.86	62.3	9.0	73	15	28	Dia. 3

HEC & HEC Plus SERIES EVAPORATOR

蒸发器系列 HEC & HEC Plus

FIN SPACING 4.5 mm, with electrical defrost. Rt>=0°C

片距4.5mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	Nº	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HEC 3001 11 4.5D	300	1	1 ~ 230	80	0.4	1157	9	2 × 700	1 × 700	2100
HEC 3001 16 4.5D	300	1	1 ~ 230	80	0.4	980	6	2 × 700	1 × 700	2100
HEC 3002 21 4.5D	300	2	1 ~ 230	160	0.8	2307	10	2 × 1030	1 × 1030	3090
HEC 3002 32 4.5D	300	2	1 ~ 230	160	0.8	1967	8	2 × 1030	1 × 1030	3090
HEC 3003 32 4.5D	300	3	1 ~ 230	240	1.2	3466	13	2 × 1700	1 × 1700	5100
HEC 3003 48 4.5D	300	3	1 ~ 230	240	1.2	2938	9	2 × 1700	1 × 1700	5100
HEC 3004 43 4.5D	300	4	1 ~ 230	320	1.6	4615	15	2 × 2000	1 × 2000	6000
HEC 3004 64 4.5D	300	4	1 ~ 230	320	1.6	3920	11	2 × 2000	1 × 2000	6000

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

COMPACT-CEILING AIR TYPE EVAPORATORS

紧凑型蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)		Dimen- sion 尺寸 (mm)
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Out- let/ 出口	
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEC 3001 07 7D	1.13	0.96	0.97	0.86	6.8	1.5	17	12	15	Dia. 3
HEC 3001 10 7D	1.62	1.31	1.56	1.26	10.2	2.2	20	12	15	Dia. 3
HEC 3002 14 7D	2.50	1.91	2.54	1.99	13.7	3.0	30	12	15	Dia. 3
HEC 3002 20 7D	3.27	2.65	3.14	2.55	20.5	4.5	36	12	22	Dia. 3
HEC 3003 20 7D	3.70	3.03	3.67	2.98	20.5	4.5	32	12	22	Dia. 3
HEC 3003 30 7D	4.96	3.72	5.06	3.90	30.8	6.8	52	12	22	Dia. 3
HEC 3004 28 7D	5.02	3.87	5.10	4.03	27.4	6.0	57	12	22	Dia. 3
HEC 3004 41 7D	6.66	5.14	6.74	5.33	41.0	9.0	68	15	28	Dia. 3

HEC & HEC Plus SERIES EVAPORATOR

蒸发器系列 HEC & HEC Plus

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	Nº	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HEC 3001 07 7D	300	1	1 ~ 230	80	0.4	1250	10	2 × 700	1 × 700	2100
HEC 3001 10 7D	300	1	1 ~ 230	80	0.4	1083	7	2 × 700	1 × 700	2100
HEC 3002 14 7D	300	2	1 ~ 230	160	0.8	2487	12	2 × 1030	1 × 1030	3090
HEC 3002 20 7D	300	2	1 ~ 230	160	0.8	2169	8	2 × 1030	1 × 1030	3090
HEC 3003 20 7D	300	3	1 ~ 230	240	1.2	3736	14	2 × 1700	1 × 1700	5100
HEC 3003 30 7D	300	3	1 ~ 230	240	1.2	3246	10	2 × 1700	1 × 1700	5100
HEC 3004 28 7D	300	4	1 ~ 230	320	1.6	4975	17	2 × 2000	1 × 2000	6000
HEC 3004 41 7D	300	4	1 ~ 230	320	1.6	4331	12	2 × 2000	1 × 2000	6000

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

COMPACT-CEILING AIR TYPE EVAPORATORS

紧凑型蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 10 mm, with electrical defrost. Rt>=-35°C

片距10mm, 带电加热。库温>=-20°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)		Dimen- sion 尺寸 (mm)
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Out- let/ 出口	
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEC 3001 05 10D	0.87	0.76	0.77	0.69	4.9	1.5	17	12	15	Dia. 3
HEC 3001 07 10D	1.40	1.13	1.29	1.06	7.4	2.2	20	12	15	Dia. 3
HEC 3002 10 10D	2.12	1.65	2.15	1.70	9.8	3.0	30	12	15	Dia. 3
HEC 3002 15 10D	2.82	2.29	2.60	2.14	14.8	4.5	36	12	22	Dia. 3
HEC 3003 15 10D	3.11	2.56	2.92	2.41	14.8	4.5	32	12	22	Dia. 3
HEC 3003 22 10D	4.37	3.31	4.45	3.44	22.1	6.8	52	12	22	Dia. 3
HEC 3004 20 10D	4.27	3.33	4.31	3.42	19.7	6.0	56	12	22	Dia. 3
HEC 3004 29 10D	5.83	4.54	5.87	4.57	29.5	9.0	67	15	28	Dia. 3

HEC & HEC Plus SERIES EVAPORATOR

蒸发器系列 HEC & HEC Plus

FIN SPACING 10 mm, with electrical defrost. Rt>=-35°C

片距10mm, 带电加热。库温>=-20°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HEC 3001 05 10D	300	1	1 ~ 230	80	0.4	1315	10	2 × 700	1 × 700	2100
HEC 3001 07 10D	300	1	1 ~ 230	80	0.4	1165	7	2 × 700	1 × 700	2100
HEC 3002 10 10D	300	2	1 ~ 230	160	0.8	2610	9	2 × 1030	1 × 1030	3090
HEC 3002 15 10D	300	2	1 ~ 230	160	0.8	2332	11	2 × 1030	1 × 1030	3090
HEC 3003 15 10D	300	3	1 ~ 230	240	1.2	3922	14	2 × 1700	1 × 1700	5100
HEC 3003 22 10D	300	3	1 ~ 230	240	1.2	3489	10	2 × 1700	1 × 1700	5100
HEC 3004 20 10D	300	4	1 ~ 230	320	1.6	5221	17	2 × 2000	1 × 2000	6000
HEC 3004 29 10D	300	4	1 ~ 230	320	1.6	4656	12	2 × 2000	1 × 2000	6000

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

AVAILABLE OPTIONS FOR HEC 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
- SS1: 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
- SS2: stainless steel AISI SUS304

Refrigerant options:

- HFC/HFO (A1): standard models
- HFO/HFC (A2L): coming soon
- Glicol: available, please contact our Technical Department

Other options:

- Thermal protector for defrosting electrical heaters

HEC 系列选配件:

化霜:

- 无化霜 (空气)
- D: 电化霜: 标准型号
- HG: 热氟
- W: 水
- HGD: 内芯热氟化霜, 接水盘电化霜
- WD: 水和电化霜

盘管材质:

- 铜管: 标准型号
- SS1: 304不锈钢

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

- EC风机

外壳:

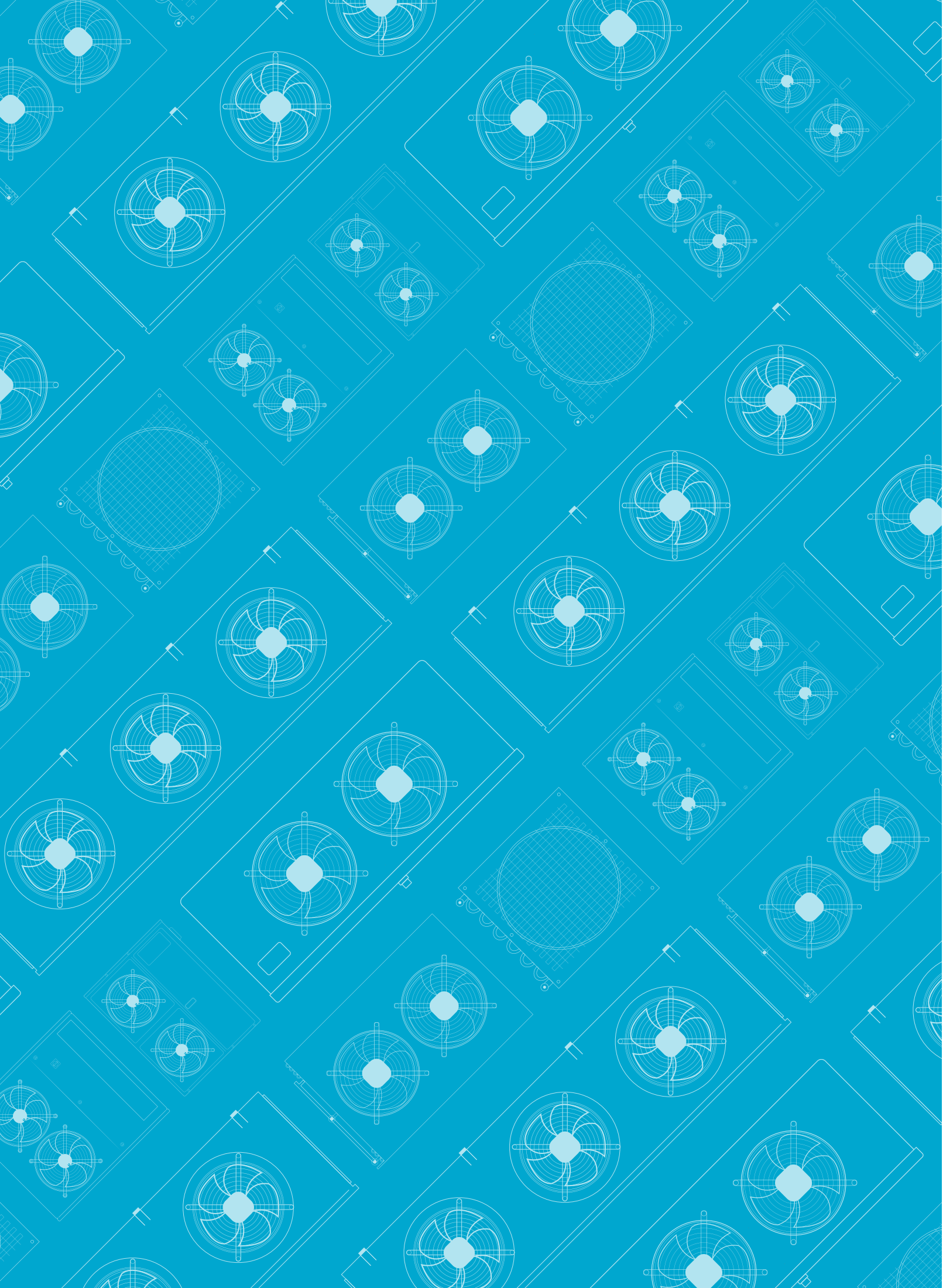
- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

制冷剂:

- HFC/HFO (A1): 标准型号
- HFO/HFC (A2L): 即将上市
- 乙二醇: 可选, 请联系Hispania

其他:

- 电化霜热保护器





HIGH EFFICIENCY COMPACT-CEILING AIR TYPE EVAPORATORSEVAPORADORES EVAPORADORES COMPACTOS TIPO CUÑA DE ALTA EFICIENCIA

The HEJ range of compact-ceiling air type evaporators has been designed for use in low height commercial cold rooms for the preservation of fresh and frozen products.

The exchange coils used in the HEJ range are highly efficient with special profile aluminum fins and $\varnothing 9.52$ mm internally grooved copper 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.

The HEJ range is subdivided into two series with different fin pitches depending on the chamber temperature:

- HEJ: For medium room temperatures ($R_t \geq -10^\circ\text{C}$) with alternate fin pitch 3.2/6.4 mm and electric defrost.
- HEJ Plus: For low room temperatures ($R_t \geq -25^\circ\text{C}$) with alternate fin pitch 4.5/9 mm and electric defrost.

HEJ SERIES EVAPORATOR EVAPORADORES SERIE HEJ

HEJ系列紧凑型蒸发器适用于空间高度较小的冷库的冷冻冷藏需求。

HEJ的高效内芯采用铝箔和 $\varnothing 9.52$ mm内螺纹铜管，通过减少管容积来降低冷媒充注量，满足全球温室气体的减排需求。所有内芯均经过清洁和30bar保压测试。

HEJ分为两种系列，有不同的片距，满足不同温度的应用：

- HEJ: 中温库用($R_t \geq -10^\circ\text{C}$)，片距3.2/6.4 mm，带电加热
- HEJ Plus: 低温库用($R_t \geq -25^\circ\text{C}$)，片距4.5/9 mm，带电加热

HEJ & HEJ PlusSERIES EVAPORATOR

蒸发器系列 HEJ & HEJ Plus

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

-Single-phase 230V/1/50 Hz with shaded pole motor, ø200 mm, with grid and short nozzle. Operating temperature -30°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.

标准的风机配置如下:

-单相230V/1/50Hz罩极电机, 带K网罩和短出风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

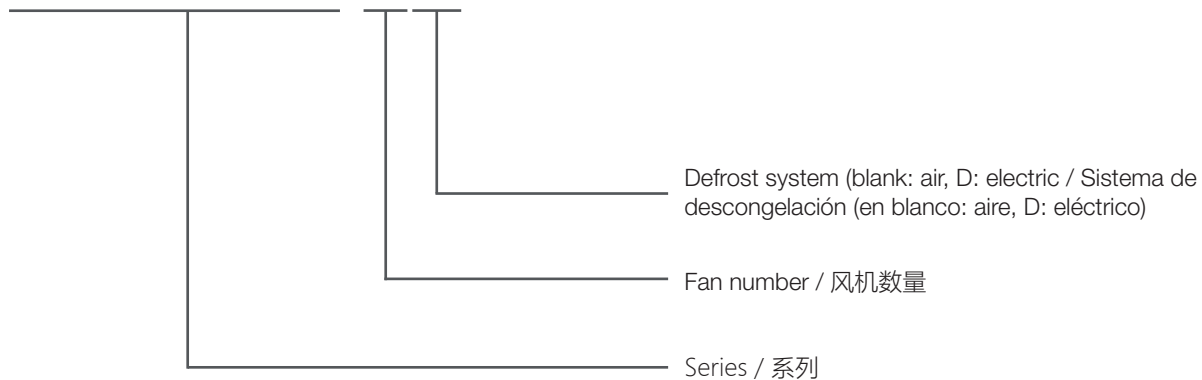
所有电器有效接地。电线均接入防护等级IP65的电器盒内。

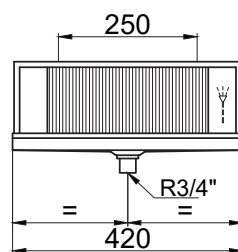
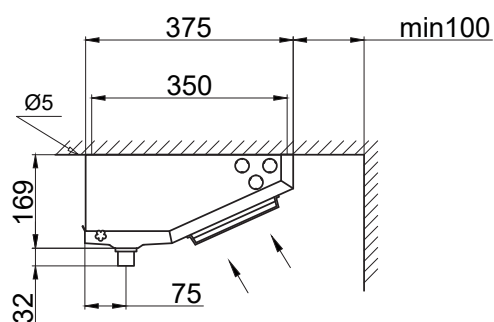
可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

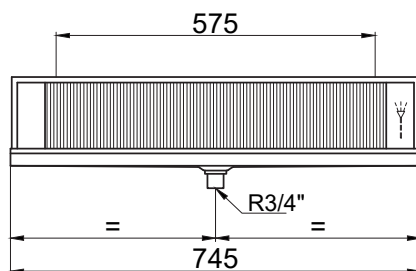
EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

HEJ Plus 1D

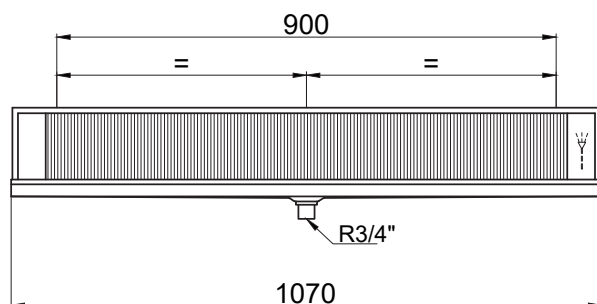




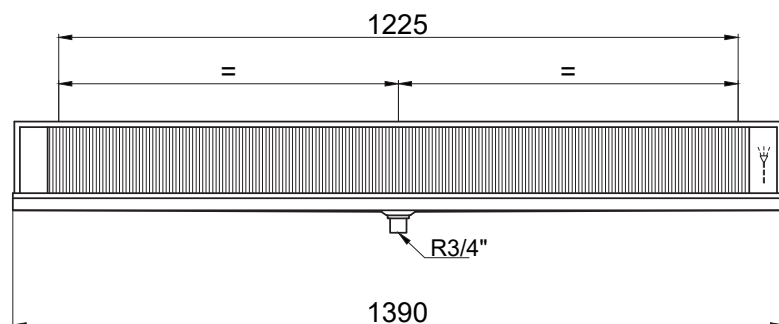
HEJ-1D



HEJ-2D



HEJ-3D

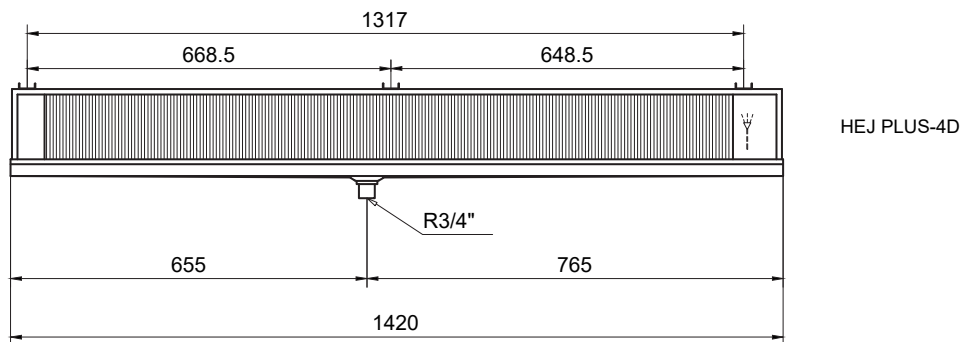
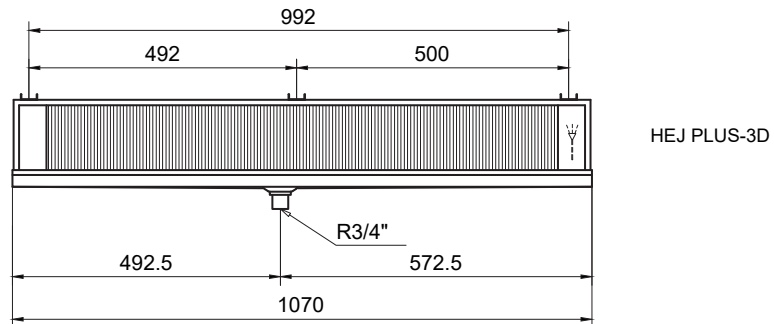
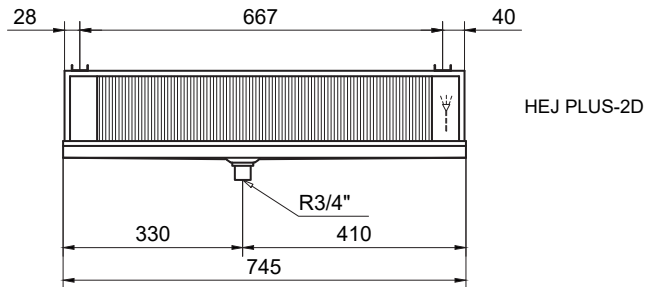
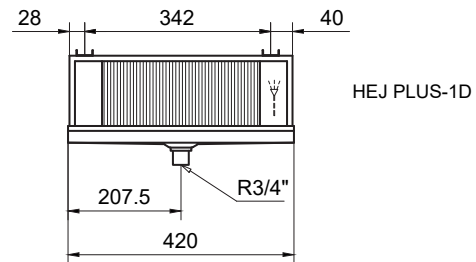
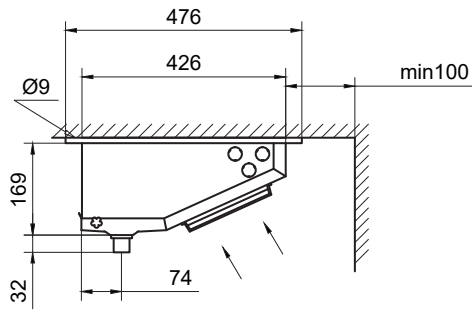


HEJ-4D

HEJ & HEJ PlusSERIES EVAPORATOR

蒸发器系列 HEJ & HEJ Plus

EVAPORATORS / 蒸发器 HFC/HFO/HCFQ



HIGH EFFICIENCY COMPACT-CEILING AIR TYPE EVAPORATORS

HFC/HFO/(HCFC)*

高效紧凑型蒸发器

FIN SPACING 3.2/6.4 mm, with electrical defrost. Rt>=-10°C

片距3.2/6.4 mm,带电加热。库温>=-10°C

EVAPORATORS/蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸	
	t _e = 0°C	t _e = -8°C	t _e = 0°C	t _e = -8°C				Inlet/ 进口	Outlet/ 出口
	DT1=10K	DT1=8K	DT1=10K	DT1=8K					
HEJ-1D	1.15	0.79	1.19	0.82	2.9	0.6	5	1/2"	3/8"
HEJ-2D	2.38	1.63	2.39	1.61	5.7	1.2	9	1/2"	1/2"
HEJ-3D	3.56	2.46	3.63	2.52	8.6	1.8	12	1/2"	1/2"
HEJ-4D	4.80	3.32	4.85	3.34	11.5	2.5	16	1/2"	1/2"

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜	
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Total/总 功率 (W)
HEJ-1D	200	1	1 ~ 230	38	0.2	348	5	1 × 500	500
HEJ-2D	200	2	1 ~ 230	76	0.5	696	6	1 × 800	800
HEJ-3D	200	3	1 ~ 230	114	0.7	1043	7	1 × 1200	1200
HEJ-4D	200	4	1 ~ 230	152	0.9	1391	9	1 × 1500	1500

HEJ & HEJ PlusSERIES EVAPORATOR

蒸发器系列 HEJ & HEJ Plus

FIN SPACING 4.5/9 mm, with electrical defrost. Rt>=-25°C

片距4.5/9 mm,带电加热。库温>=-25°C

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=10K	DT1=8K	DT1=10K	DT1=8K					
HEJ Plus-1D	0.86	0.59	0.89	0.61	2.1	0.6	5	1/2"	3/8"
HEJ Plus-2D	1.76	1.29	1.76	1.27	4.2	1.2	9	1/2"	1/2"
HEJ Plus-3D	2.67	1.86	2.73	1.92	6.4	1.8	13	1/2"	1/2"
HEJ Plus-4D	3.59	2.58	3.62	2.61	8.5	2.5	18	1/2"	1/2"

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜	
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Total/总 功率 (W)
HEJ Plus-1D	254	1	1 ~ 230	73	0.5	498	12	1 × 500	500
HEJ Plus-2D	254	2	1 ~ 230	146	1.0	996	14	1 × 800	800
HEJ Plus-3D	254	3	1 ~ 230	219	1.5	1492	17	1 × 1200	1200
HEJ Plus-4D	254	4	1 ~ 230	292	2.0	1990	21	1 × 1500	1500

AVAILABLE OPTIONS FOR HEJ SERIES:

Defrost options:

- Without defrost (air)
- D: Electrical defrost: standard model

Tube material options:

- Copper: standard models
- SS1: 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
- SS2: stainless steel AISI SUS304

Refrigerant options:

- HFC/HFO (A1): standard models
- HFO/HFC (A2L): coming soon

Other options:

- Thermal protector for defrosting electrical heaters

HEJ 系列选配件:

化霜:

- 无化霜 (空气)
- D: 电化霜: 标准型号

盘管材质:

- 铜管: 标准型号
- SS1: 304不锈钢

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

- EC风机

外壳:

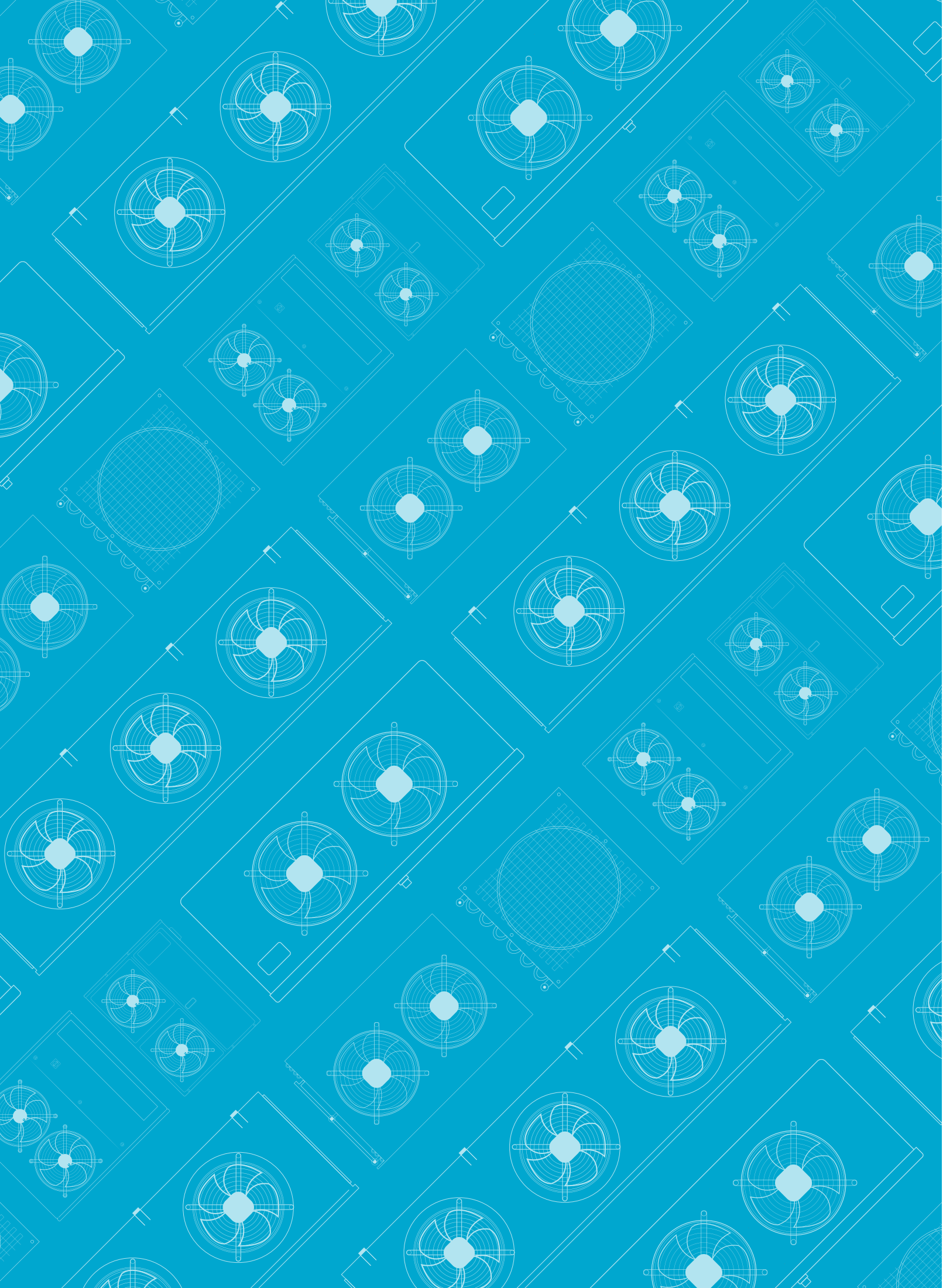
- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

制冷剂:

- HFC/HFO (A1): 标准型号
- HFO/HFC (A2L): 即将上市

其他:

- 电化霜热保护器





DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS EVAPORADORES TIPO TECHO

The HED 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 HED range are built with geometries of recognized high efficiency, with special profile aluminum fins and $\varnothing 9.52$ mm (HED 25XX) or $\varnothing 12$ mm (HED 35XX) internally grooved or $\varnothing 15$ mm (HED 40XX and above) high quality copper tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

The HED 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:

- HED 25XX XX 4.5X: with 4.5 mm pitch ($R_t \geq 0^\circ\text{C}$)
- HED 35XX XX 4X and above: with 4 mm pitch ($R_t \geq 0^\circ\text{C}$)

For medium temperatures in the cold room:

- HED 35XX XX 6X: with 6 mm pitch ($R_t \geq -18^\circ\text{C}$)
- HED 40XX XX 7X and above: with 7 mm pitch ($R_t \geq -20^\circ\text{C}$)

For low temperatures in the cold room:

- HED Plus 40XX XX 9X and above: with 9 mm pitch ($R_t \geq -35^\circ\text{C}$)
- HED 40XX XX 10X and above: with 10 mm pitch ($R_t \geq -35^\circ\text{C}$)

HED SERIES EVAPORATOR 蒸发器系列 HED

HED系列双出风蒸发器适用于中低空间高度冷库的冷冻冷藏需求，同时也能应用于工作间。

HED的高效内芯采用铝箔和 $\varnothing 9.52$ mm(HED 25XX)或者 $\varnothing 12$ mm (HED 35XX)内螺纹铜管和 $\varnothing 15$ mm(HED 40XX及以上)光管，具有较高的换热性能。所有内芯均经过清洁和30bar保压测试。

HED有多种片距，满足不同温度的应用：

高温库或工作间：

- HED 25XX XX 4.5X: 4.5mm片距 ($R_t \geq 0^\circ\text{C}$)
- HED 35XX XX 4X及以上: 4mm片距 ($R_t \geq 0^\circ\text{C}$)

中温库：

- HED 35XX XX 6X: 6mm片距 ($R_t \geq -18^\circ\text{C}$)
- HED 40XX XX 7X及以上: 7mm片距($R_t \geq -20^\circ\text{C}$)

低温库：

- HED Plus 40XX XX 9X及以上: 9mm片距($R_t \geq -35^\circ\text{C}$)
- HED 40XX XX 10X及以上: 10mm片距($R_t \geq -35^\circ\text{C}$)

HED & HED Plus SERIES EVAPORATOR

蒸发器系列 HED & HED Plus

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

-ø250, 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°C.

-ø450, 500, 630, 800 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.

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 (depending on the model) 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.

标准的风机配置如下:

-ø250, 350, 400 mm: 单相230V/1/50Hz外转子电机, 带K网罩和短出风口. 工作温度-40°C至+40°C。

-ø450, 500, 630, 800 mm: 三相400V/3/50Hz外转子电机, 带K网罩和短出风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

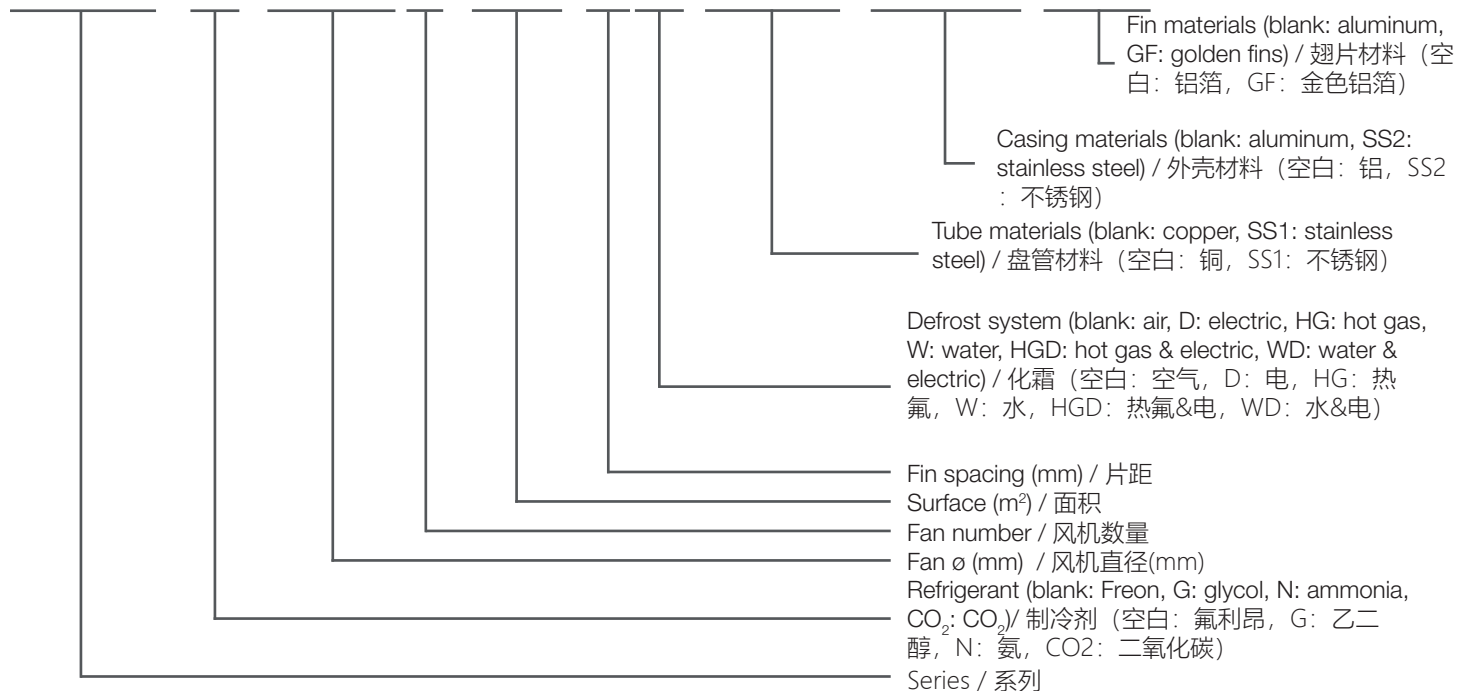
电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

所有电器有效接地。电线均接入防护等级IP65的电器盒内。

可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

HED N 4502 82 7D SS1 SS2 GF

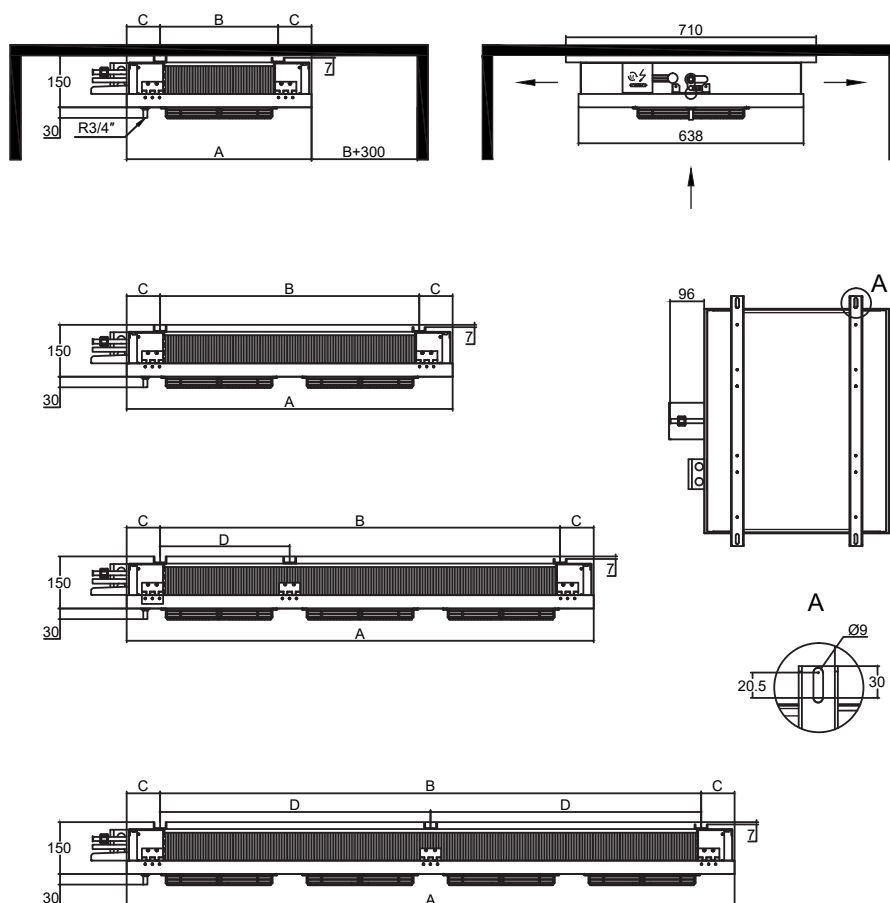


DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

HFC/HFO/(HCFC)*

EVAPORATORS / 蒸发器 HFC/HFO/(HCFC)

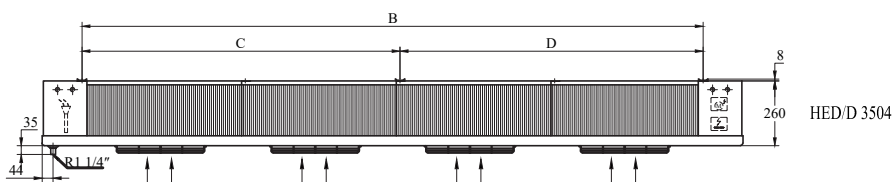
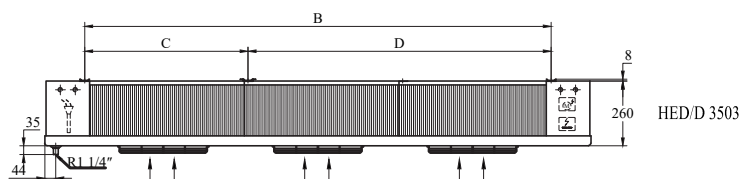
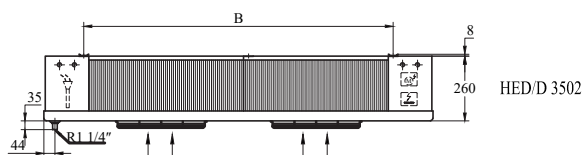
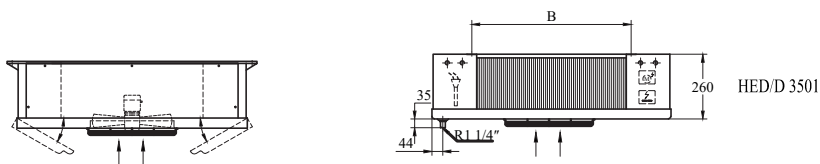
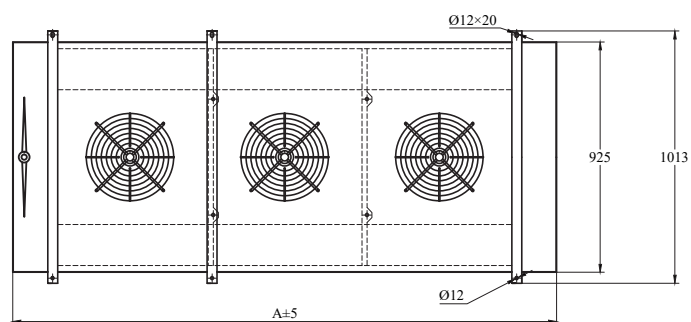


Model / 型号	Dimensions / 尺寸 (mm)			
	A	B	C	D
HED 2501...	530	335	95	
HED 2502...	930	735	95	
HED 2503...	1330	1135	95	367.5
HED 2504...	1730	1535	95	367.5

HED & HED Plus SERIES EVAPORATOR

蒸发器系列 HED & HED Plus

EVAPORATORS / 蒸发器 HFC/HFO/HCFQ



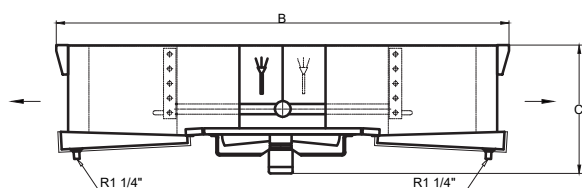
Model / 型号	Dimensions / 尺寸 (mm)			
	A	B	C	D
HED 3501...	963	640		
HED 3502...	1565	1242		
HED 3503...	2167	1844	640	1204
HED 3504...	2769	2446	1242	1204

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

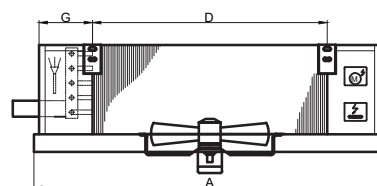
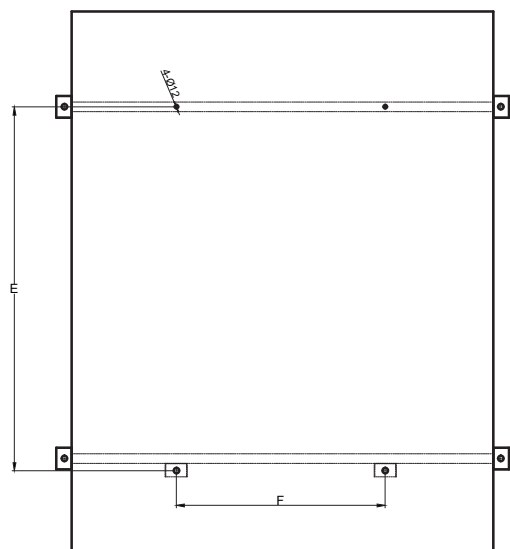
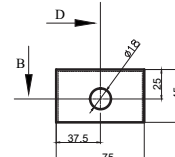
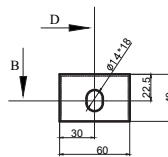
HFC/HFO/(HCFC)*

EVAPORATORS / 蒸发器 HFC/HFO/(HCFC)

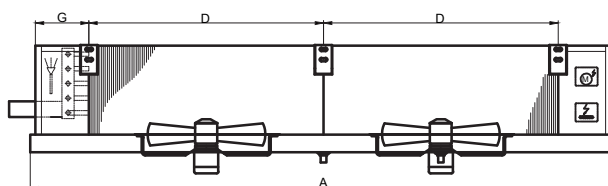


HED/D 400、450、500

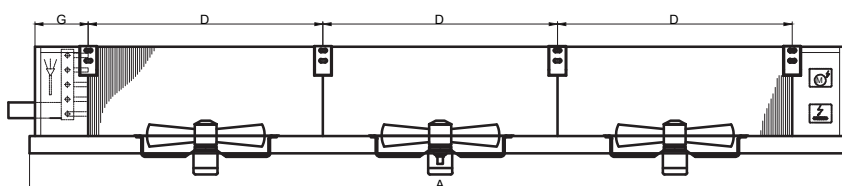
HED/D 630



HED/D
4001/4501/5001/6301



HED/D
4002/4502/5002/6302



HED/D
4003/4503/5003/6303

HED & HED Plus SERIES EVAPORATOR

蒸发器系列 HED & HED Plus

Model / 型号	Dimensions / 尺寸 (mm)						
	A	B	C	D	E	F	G
HED 4001...	1000	1555	435	600	655	565	190
HED 4002...	1600	1555	435	600	1255	565	190
HED 4003...	2280	1555	435	600	1855	565	230
HED 4501...	1200	1555	450	800	855	565	190
HED 4502...	2000	1555	450	800	1655	565	190
HED 4503...	2880	1555	450	800	2455	565	230
HED 5001...	1480	1555	450	1000	1055	565	230
HED 5002...	2480	1555	450	1000	2055	565	230
HED 5003...	3520	1555	450	1000	3055	565	250
HED 6301...	1850	1935	450	1200	1255	745	315
HED 6302...	3050	1935	450	1200	2455	745	315
HED 6303...	4350	1935	450	1200	3655	745	415
*HED 6301...	1850	1935	550	1200	1255	745	315
*HED 6302...	3050	1935	550	1200	2455	745	315
*HED 6303...	4350	1935	550	1200	3655	745	315

Dimensions for models with *.

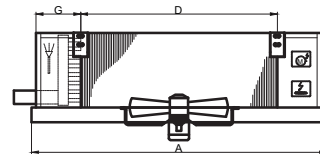
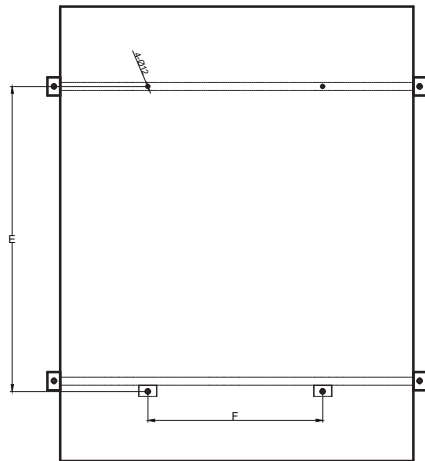
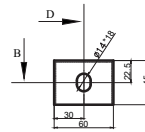
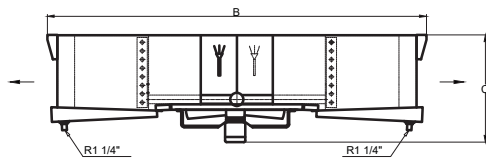
带*型号尺寸。

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

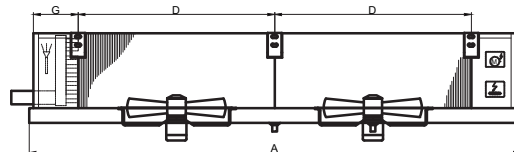
双出风蒸发器

HFC/HFO/(HCFC)*

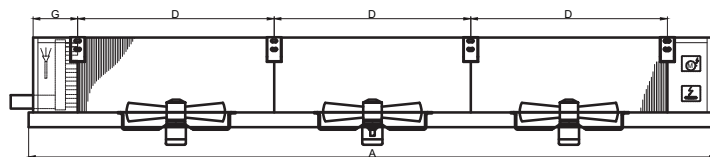
EVAPORATORS / 蒸发器 HFC/HFO/(HCFC)



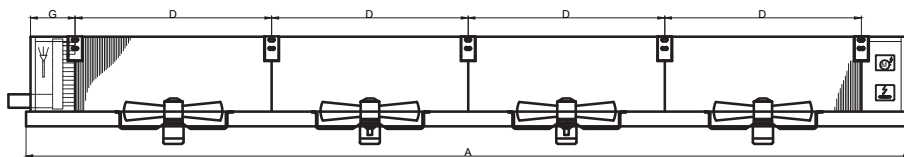
HED/D PLUS
4001/4501/5001/6301/8001



HED/D PLUS
4002/4502/5002/6302/8002



HED/D PLUS
4003/4503/5003/6303/8003



HED/D PLUS
4004/4504/5004/6304

HED & HED Plus SERIES EVAPORATOR

蒸发器系列 HED & HED Plus

EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

Model / 型号	Dimensions / 尺寸 (mm)						
	A	B	C	D	E	F	G
HED Plus 4001...	1000	1390	415	600	655	565	190
HED Plus 4002...	1640	1390	415	600	1255	565	210
HED Plus 4003...	2280	1390	415	600	1855	565	230
HED Plus 4004...	2880	1390	415	600	2455	565	230
HED Plus 4501...	1200	1390	430	800	855	565	190
HED Plus 4502...	2040	1390	430	800	1655	565	210
HED Plus 4503...	2880	1390	430	800	2455	565	230
HED Plus 4504...	3680	1390	430	800	3255	565	230
HED Plus 5001...	1480	1530	430	1000	1055	565	230
HED Plus 5002...	2480	1530	430	1000	2055	565	230
HED Plus 5003...	3520	1530	430	1000	3055	565	250
HED Plus 5004...	4520	1530	430	1000	4055	565	250
HED Plus 6301...	1850	1705	570	1200	1255	745	315
HED Plus 6302...	3050	1705	570	1200	2455	745	315
HED Plus 6303...	4350	1705	570	1200	3655	745	365
HED Plus 6304...	5550	1705	570	1200	4855	745	365
HED Plus 8001...	2050	2020	750	1400	1455	1060	315
HED Plus 8002...	3450	2020	750	1400	2855	1060	315
HED Plus 8003...	4850	2020	750	1400	4255	1060	315

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 4.5 mm, with electrical defrost. Rt>=0°C

片距4.5mm, 带电加热。库温>=0°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = 0°C	t _e = -8°C	t _e = 0°C	t _e = -8°C				Inlet/ 进口	Outlet/ 出口
	DT1=10K	DT1=8K	DT1=10K	DT1=8K					
HED 2501 04 4.5D	1.77	1.21	1.80	1.22	3.6	1.0	10	12	12
HED 2502 08 4.5D	3.97	2.70	4.02	2.72	8.2	2.2	18	12	12
HED 2503 12 4.5D	6.14	4.16	6.21	4.21	12.8	3.4	26	12	19
HED 2504 16 4.5D	8.30	5.63	8.40	5.70	17.4	4.6	34	12	22

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜	
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Total/总 功率 (W)
HED 2501 04 4.5D	250	1	1 ~ 230	50	0.2	738	2 × 2	2 × 400	800
HED 2502 08 4.5D	250	2	1 ~ 230	100	0.5	1577	2 × 2	2 × 825	1650
HED 2503 12 4.5D	250	3	1 ~ 230	150	0.7	2407	2 × 3	2 × 1250	2500
HED 2504 16 4.5D	250	4	1 ~ 230	200	0.9	3235	2 × 3	2 × 1575	3150

HED & HED Plus SERIES EVAPORATOR

蒸发器系列 HED & HED Plus

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

片距4mm, 带电加热。库温>=0°C

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = 0°C	t _e = -8°C	t _e = 0°C	t _e = -8°C				Inlet/ 进口	Outlet/ 出口
	DT1=10K	DT1=8K	DT1=10K	DT1=8K					
HED 3501 16 4LD	3.71	2.62	3.80	2.69	17.0	2.9	30	12	22
HED 3501 16 4ND	4.86	3.34	5.07	3.49	17.0	2.9	30	12	22
HED 3502 31 4LD	7.53	5.32	7.69	5.45	34.1	5.7	50	12	22
HED 3502 31 4ND	9.94	6.84	10.32	7.10	34.1	5.7	50	12	22
HED 3503 47 4LD	11.35	8.03	11.59	8.20	51.2	8.6	70	12	28
HED 3503 47 4ND	15.03	10.33	15.56	10.70	51.2	8.6	70	12	28
HED 3504 62 4LD	15.17	10.73	15.48	10.96	68.3	11.5	89	15	28
HED 3504 62 4ND	20.12	13.83	20.81	14.31	68.3	11.5	89	15	28

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜	
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Total/总 功率 (W)
HED 3501 16 4LD	350	1	1 ~ 230	94	0.4	1181	2 × 6	2 × 750	1500
HED 3501 16 4ND	350	1	1 ~ 230	150	0.7	1853	2 × 9	2 × 750	1500
HED 3502 31 4LD	350	2	1 ~ 230	188	0.9	2365	2 × 7	2 × 1250	2500
HED 3502 31 4ND	350	2	1 ~ 230	300	1.5	3705	2 × 10	2 × 1250	2500
HED 3503 47 4LD	350	3	1 ~ 230	282	1.3	3549	2 × 8	2 × 1750	3500
HED 3503 47 4ND	350	3	1 ~ 230	450	2.2	5558	2 × 11	2 × 1750	3500
HED 3504 62 4LD	350	4	1 ~ 230	376	1.7	4732	2 × 9	2 × 2650	5300
HED 3504 62 4ND	350	4	1 ~ 230	600	2.9	7411	2 × 12	2 × 2650	5300

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

HFC/HFO/(HCFC)*

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

片距6mm, 带电化霜库温>=-18°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HED 3501 11 6LD	2.32	1.66	2.37	1.68	11.7	2.9	29	12	22
HED 3501 11 6ND	2.87	1.96	2.96	2.07	11.7	2.9	29	12	22
HED 3502 22 6LD	4.70	3.39	4.79	3.42	23.5	5.7	48	12	22
HED 3502 22 6ND	5.84	4.04	6.00	4.24	23.5	5.7	48	12	22
HED 3503 32 6LD	7.08	5.13	7.21	5.16	35.2	8.6	68	15	28
HED 3503 32 6ND	8.81	6.13	9.04	6.41	35.2	8.6	68	15	28
HED 3504 43 6LD	9.47	6.86	9.64	6.90	47.0	11.5	87	15	28
HED 3504 43 6ND	11.78	8.22	12.07	8.58	47.0	11.5	87	15	28

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜	
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Total/总 功率 (W)
HED 3501 11 6LD	350	1	1 ~ 230	94	0.4	1276	2 × 6	2 × 750	1500
HED 3501 11 6ND	350	1	1 ~ 230	150	0.7	1883	2 × 9	2 × 750	1500
HED 3502 22 6LD	350	2	1 ~ 230	188	0.9	2554	2 × 7	2 × 1250	2500
HED 3502 22 6ND	350	2	1 ~ 230	300	1.5	3766	2 × 10	2 × 1250	2500
HED 3503 32 6LD	350	3	1 ~ 230	282	1.3	3832	2 × 8	2 × 1750	3500
HED 3503 32 6ND	350	3	1 ~ 230	450	2.2	5650	2 × 11	2 × 1750	3500
HED 3504 43 6LD	350	4	1 ~ 230	376	1.7	5110	2 × 9	2 × 2650	5300
HED 3504 43 6ND	350	4	1 ~ 230	600	2.9	7533	2 × 12	2 × 2650	5300

HED & HED Plus SERIES EVAPORATOR

蒸发器系列 HED & HED Plus

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

片距4mm, 带电加热。库温>=0°C

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = 0°C	t _e = -8°C	t _e = 0°C	t _e = -8°C				Inlet/ 进口	Outlet/ 出口
	DT1=10K	DT1=8K	DT1=10K	DT1=8K					
HED 4001 36 4D	6.61	4.56	6.68	4.59	34.8	4.5	79	12	22
HED 4002 72 4D	13.36	9.22	13.46	9.25	69.6	9.0	127	15	35
HED 4003 108 4D	20.10	13.88	20.24	13.91	104.4	13.5	168	22	54
HED 4501 48 4D	8.92	6.17	9.25	6.39	46.4	6.0	88	15	22
HED 4502 96 4D	18.39	12.74	18.41	12.69	92.8	12.0	146	15	42
HED 4503 144 4D	27.80	19.24	28.00	19.29	139.2	18.0	200	22	54
HED 5001 90 4D	16.48	11.41	16.93	11.69	87.0	11.2	126	15	35
HED 5002 180 4D	33.30	23.11	33.21	22.91	174.1	22.5	215	22	54
HED 5003 270 4D	50.18	34.78	51.31	35.46	261.1	33.7	295	28	67
HED 6301 144 4D	25.86	18.06	26.69	18.61	139.2	18.0	191	22	54
HED 6302 288 4D	52.28	36.53	53.79	37.53	278.5	36.0	334	28	67
HED 6303 432 4D	77.02	53.78	80.10	55.91	417.7	54.0	497	35	76

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HED 4001 36 4D	400	1	1 ~ 230	177	0.3	3169	2 × 5	4 × 700	2 × 700	4200
HED 4002 72 4D	400	2	1 ~ 230	354	0.6	6337	2 × 7	4 × 1510	2 × 1510	9060
HED 4003 108 4D	400	3	1 ~ 230	531	0.9	9506	2 × 8	4 × 1700	2 × 1700	10200
HED 4501 48 4D	450	1	3 ~ 400	350	1.1	4623	2 × 7	4 × 850	2 × 850	5100
HED 4502 96 4D	450	2	3 ~ 400	700	2.2	9256	2 × 9	4 × 1800	2 × 1800	10800
HED 4503 144 4D	450	3	3 ~ 400	1050	3.3	13878	2 × 11	4 × 2740	2 × 2740	16440
HED 5001 90 4D	500	1	3 ~ 400	577	1.4	6629	2 × 9	4 × 1280	4 × 1280	10240
HED 5002 180 4D	500	2	3 ~ 400	1154	2.8	13271	2 × 10	4 × 2320	4 × 2320	18560
HED 5003 270 4D	500	3	3 ~ 400	1731	4.1	19885	2 × 13	4 × 3200	4 × 3200	25600
HED 6301 144 4D	630	1	3 ~ 400	1118	2.3	9402	2 × 9	6 × 1510	4 × 1510	15100
HED 6302 288 4D	630	2	3 ~ 400	2236	4.5	18803	2 × 11	6 × 2740	4 × 2740	27400
HED 6303 432 4D	630	3	3 ~ 400	3354	6.8	28194	2 × 13	6 × 3800	4 × 3800	38000

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HED 4001 31 7D	4.76	3.47	4.89	3.66	30.7	6.7	82	15	22
HED 4002 62 7D	9.68	7.14	9.90	7.48	61.4	13.5	132	15	35
HED 4003 93 7D	14.60	10.81	14.90	11.30	92.1	20.2	176	22	54
HED 4501 41 7D	6.19	4.20	6.57	4.60	40.9	9.0	92	15	35
HED 4502 82 7D	13.53	10.32	13.71	10.73	81.9	18.0	154	22	42
HED 4503 123 7D	20.04	16.18	19.28	15.53	122.8	27.0	211	22	54
HED 5001 51 7D	9.27	7.16	9.40	7.43	51.2	11.2	117	15	35
HED 5002 103 7D	18.02	15.09	16.50	13.93	102.4	22.5	198	22	54
HED 5003 155 7D	28.12	21.89	28.42	22.62	153.6	33.7	270	28	67
HED 6301 82 7D	15.32	11.65	15.64	12.23	81.9	18.0	177	22	54
*HED 6301 103 7D	18.93	14.36	19.25	14.96	109.2	24.0	189	22	54
HED 6302 165 7D	30.91	23.67	31.48	24.74	163.8	36.0	307	28	67
*HED 6302 206 7D	38.14	29.10	38.69	30.21	218.4	48.0	331	28	67
HED 6303 247 7D	46.10	34.28	47.43	36.31	245.7	54.0	456	35	76
*HED 6303 309 7D	53.69	36.68	56.75	40.21	327.6	72.0	492	35	76

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HED 4001 31 7D	400	1	1 ~ 230	177	0.3	3123	2 × 6	4 × 700	4 × 700	5600
HED 4002 62 7D	400	2	1 ~ 230	354	0.6	6245	2 × 7	4 × 1510	4 × 1510	12080
HED 4003 93 7D	400	3	1 ~ 230	531	0.9	9368	2 × 8	4 × 1700	4 × 1700	13600
HED 4501 41 7D	450	1	3 ~ 400	350	1.1	4519	2 × 8	4 × 850	4 × 850	6800
HED 4502 82 7D	450	2	3 ~ 400	700	2.2	9045	2 × 9	4 × 1800	4 × 1800	14400
HED 4503 123 7D	450	3	3 ~ 400	1050	3.3	13579	2 × 11	4 × 2740	4 × 2740	21920
HED 5001 51 7D	500	1	3 ~ 400	577	1.4	7074	2 × 9	4 × 1280	4 × 1280	10240
HED 5002 103 7D	500	2	3 ~ 400	1154	2.8	14167	2 × 11	4 × 2320	4 × 2320	18560
HED 5003 155 7D	500	3	3 ~ 400	1731	4.1	21220	2 × 13	4 × 3200	4 × 3200	25600
HED 6301 82 7D	630	1	3 ~ 400	1118	2.3	10395	2 × 10	6 × 1510	4 × 1510	15100
*HED 6301 103 7D	630	1	3 ~ 400	1118	2.3	11634	2 × 9	8 × 1510	4 × 1510	18120
HED 6302 165 7D	630	2	3 ~ 400	2236	4.5	20790	2 × 12	6 × 2740	4 × 2740	27400
*HED 6302 206 7D	630	2	3 ~ 400	2236	4.5	23266	2 × 11	8 × 2740	4 × 2740	32880
HED 6303 247 7D	630	3	3 ~ 400	3354	6.8	31171	2 × 14	6 × 3800	4 × 3800	38000
*HED 6303 309 7D	630	3	3 ~ 400	3354	6.8	34870	2 × 13	8 × 3800	4 × 3800	45600

HED & HED Plus SERIES EVAPORATOR

蒸发器系列 HED & HED Plus

FIN SPACING 10 mm, with electrical defrost. Rt>=-35°C

片距10mm, 带电加热。库温>=-35°。

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HED 4001 22 10D	4.12	3.06	4.20	3.17	22.1	6.7	80	15	22
HED 4002 43 10D	8.36	6.26	8.49	6.45	44.2	13.5	129	15	35
HED 4003 65 10D	12.59	9.47	12.77	9.73	66.3	20.2	171	22	54
HED 4501 29 10D	5.52	3.82	5.80	4.14	29.5	9.0	89	15	35
HED 4502 58 10D	11.66	9.00	11.76	9.07	59.0	18.0	149	22	42
HED 4503 86 10D	17.02	13.73	15.65	12.82	88.4	27.0	204	22	54
HED 5001 36 10D	7.96	6.23	8.03	6.31	36.8	11.2	114	15	35
HED 5002 72 10D	15.05	12.39	13.12	11.33	73.7	22.5	192	22	54
HED 5003 108 10D	24.08	18.97	24.24	19.14	110.5	33.7	261	28	67
HED 6301 58 10D	13.47	10.42	13.67	10.87	59.0	18.0	172	22	54
*HED 6301 72 10D	16.55	12.74	16.75	13.06	78.6	24.0	184	22	54
HED 6302 115 10D	27.12	21.09	27.48	21.83	117.9	36.0	298	28	67
*HED 6302 144 10D	33.30	25.76	33.64	26.31	157.2	48.0	320	28	67
HED 6303 173 10D	40.74	30.83	41.63	32.31	176.9	54.0	442	35	76
*HED 6303 216 10D	48.28	33.75	50.52	36.47	235.8	72.0	475	35	76

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HED 4001 22 10D	400	1	1 ~ 230	177	0.3	3201	2 × 6	4 × 700	4 × 700	5600
HED 4002 43 10D	400	2	1 ~ 230	354	0.6	6401	2 × 7	4 × 1510	4 × 1510	12080
HED 4003 65 10D	400	3	1 ~ 230	531	0.9	9601	2 × 8	4 × 1700	4 × 1700	13600
HED 4501 29 10D	450	1	3 ~ 400	350	1.1	4698	2 × 8	4 × 850	4 × 850	6800
HED 4502 58 10D	450	2	3 ~ 400	700	2.2	9403	2 × 9	4 × 1800	4 × 1800	14400
HED 4503 86 10D	450	3	3 ~ 400	1050	3.3	14116	2 × 11	4 × 2740	4 × 2740	21920
HED 5001 36 10D	500	1	3 ~ 400	577	1.4	7319	2 × 8	4 × 1280	4 × 1280	10240
HED 5002 72 10D	500	2	3 ~ 400	1154	2.8	14662	2 × 10	4 × 2320	4 × 2320	18560
HED 5003 108 10D	500	3	3 ~ 400	1731	4.1	21955	2 × 12	4 × 3200	4 × 3200	25600
HED 6301 58 10D	630	1	3 ~ 400	1118	2.3	10916	2 × 11	6 × 1510	4 × 1510	15100
*HED 6301 72 10D	630	1	3 ~ 400	1118	2.3	12083	2 × 10	8 × 1510	4 × 1510	18120
HED 6302 115 10D	630	2	3 ~ 400	2236	4.5	21832	2 × 13	6 × 2740	4 × 2740	27400
*HED 6302 144 10D	630	2	3 ~ 400	2236	4.5	24165	2 × 12	8 × 2740	4 × 2740	32880
HED 6303 173 10D	630	3	3 ~ 400	3354	6.8	32731	2 × 15	6 × 3800	4 × 3800	38000
*HED 6303 216 10D	630	3	3 ~ 400	3354	6.8	36212	2 × 14	8 × 3800	4 × 3800	45600

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C
片距4mm, 带电加热。库温>=0°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = 0°C	t _e = -8°C	t _e = 0°C	t _e = -8°C				Inlet/ 进口	Outlet/ 出口
	DT1=10K	DT1=8K	DT1=10K	DT1=8K					
HED Plus 4001 23 4D	7.73	5.31	7.86	5.39	22.8	3.8	69	12	28
HED Plus 4001 34 4D	9.69	6.72	9.80	6.79	34.2	5.8	77	12	28
HED Plus 4002 46 4D	15.62	10.73	15.84	10.86	45.6	7.7	116	15	35
HED Plus 4002 68 4D	18.78	13.06	19.44	13.53	68.4	11.5	129	22	35
HED Plus 4003 68 4D	22.33	15.41	23.31	16.09	68.4	11.5	154	22	35
HED Plus 4003 103 4D	29.30	20.35	29.71	20.61	102.6	17.3	175	22	54
HED Plus 4004 91 4D	31.39	21.56	31.78	21.80	91.2	15.3	200	28	54
HED Plus 4004 137 4D	37.95	26.40	39.17	27.27	136.8	23.0	225	28	54
HED Plus 4501 30 4D	10.38	7.17	10.79	7.45	30.4	5.1	79	12	28
HED Plus 4501 46 4D	13.17	9.18	13.57	9.47	45.6	7.7	89	15	28
HED Plus 4502 61 4D	21.09	14.58	21.83	15.09	60.8	10.2	134	22	35
HED Plus 4502 91 4D	26.68	18.61	27.38	19.10	91.2	15.3	152	22	42
HED Plus 4503 91 4D	32.66	22.50	33.10	22.77	91.2	15.3	181	28	54
HED Plus 4503 137 4D	39.40	27.50	40.75	28.47	136.8	23.0	206	28	54
HED Plus 4504 122 4D	42.53	29.40	43.92	30.37	121.6	20.5	235	28	54
HED Plus 4504 182 4D	53.70	37.47	55.01	38.39	182.4	30.7	271	35	67
HED Plus 5001 57 4D	19.37	13.37	19.50	13.43	57.0	9.6	114	22	42
HED Plus 5001 76 4D	21.86	15.24	21.94	14.97	76.0	12.8	126	22	54
HED Plus 5002 114 4D	38.90	26.84	39.11	26.94	114.0	19.2	196	28	67
HED Plus 5002 152 4D	43.84	30.56	43.97	30.00	152.0	25.6	219	28	67
HED Plus 5003 171 4D	57.83	40.13	59.34	41.18	171.0	28.8	265	28	67
HED Plus 5003 228 4D	65.59	45.93	66.87	46.82	228.0	38.4	298	35	67
HED Plus 5004 228 4D	77.94	53.79	78.32	53.95	228.0	38.4	349	2 × 28	2 × 54
HED Plus 5004 304 4D	87.80	61.22	88.03	60.07	303.9	51.2	395	2 × 28	2 × 67
HED Plus 6301 103 4D	35.41	24.44	35.94	24.77	102.6	17.3	172	28	54
HED Plus 6301 137 4D	40.49	28.10	40.94	28.39	136.8	23.0	193	28	67
HED Plus 6302 205 4D	67.55	46.80	70.50	48.90	205.2	34.5	299	35	67
HED Plus 6302 274 4D	78.24	54.46	80.96	56.41	273.6	46.0	338	35	67
HED Plus 6303 308 4D	101.78	70.53	106.11	73.60	307.7	51.8	410	2 × 28	2 × 54
HED Plus 6303 410 4D	117.80	82.01	121.78	84.85	410.3	69.1	474	2 × 28	2 × 54
HED Plus 6304 410 4D	142.78	98.56	144.56	99.65	410.3	69.1	547	2 × 35	2 × 67
HED Plus 6304 547 4D	163.00	113.12	164.45	114.06	547.1	92.1	627	2 × 35	2 × 76
HED Plus 8001 160 4D	49.14	33.95	50.09	34.58	159.6	26.9	248	28	67
HED Plus 8001 213 4D	55.52	38.66	56.32	39.24	212.8	35.8	310	28	67
HED Plus 8002 319 4D	98.84	68.30	100.58	69.44	319.1	53.7	432	2 × 28	2 × 54
HED Plus 8002 426 4D	111.52	77.69	112.98	78.73	425.5	71.6	492	2 × 28	2 × 67
HED Plus 8003 479 4D	137.80	95.42	144.84	100.44	478.7	80.6	593	2 × 28	2 × 54
HED Plus 8003 638 4D	158.32	110.44	164.69	115.03	638.3	107.4	680	2 × 35	2 × 67

HED & HED Plus SERIES EVAPORATOR

蒸发器系列 HED & HED Plus

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

片距4mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HED Plus 4001 23 4D	400	1	1 ~ 230	177	0.3	3095	2 × 5	4 × 750	2 × 750	4500
HED Plus 4001 34 4D	400	1	1 ~ 230	177	0.3	2850	2 × 5	4 × 750	4 × 750	6000
HED Plus 4002 46 4D	400	2	1 ~ 230	354	0.6	6190	2 × 6	4 × 1250	2 × 1250	7500
HED Plus 4002 68 4D	400	2	1 ~ 230	354	0.6	5698	2 × 6	4 × 1250	4 × 1250	10000
HED Plus 4003 68 4D	400	3	1 ~ 230	531	0.9	9282	2 × 8	4 × 1700	2 × 1700	10200
HED Plus 4003 103 4D	400	3	1 ~ 230	531	0.9	8549	2 × 7	4 × 1700	4 × 1700	13600
HED Plus 4004 91 4D	400	4	1 ~ 230	708	1.2	12380	2 × 9	4 × 2740	2 × 2740	16440
HED Plus 4004 137 4D	400	4	1 ~ 230	708	1.2	11396	2 × 8	4 × 2740	4 × 2740	21920
HED Plus 4501 30 4D	450	1	3 ~ 400	350	1.1	4463	2 × 7	4 × 730	2 × 730	4380
HED Plus 4501 46 4D	450	1	3 ~ 400	350	1.1	4083	2 × 6	4 × 730	4 × 730	5840
HED Plus 4502 61 4D	450	2	3 ~ 400	700	2.2	8926	2 × 8	4 × 1800	2 × 1800	10800
HED Plus 4502 91 4D	450	2	3 ~ 400	700	2.2	8165	2 × 7	4 × 1800	4 × 1800	14400
HED Plus 4503 91 4D	450	3	3 ~ 400	1050	3.3	13394	2 × 9	4 × 2740	2 × 2740	16440
HED Plus 4503 137 4D	450	3	3 ~ 400	1050	3.3	12246	2 × 9	4 × 2740	4 × 2740	21920
HED Plus 4504 122 4D	450	4	3 ~ 400	1400	4.4	17851	2 × 11	4 × 3800	2 × 3800	22800
HED Plus 4504 182 4D	450	4	3 ~ 400	1400	4.4	16330	2 × 10	4 × 3800	4 × 3800	30400
HED Plus 5001 57 4D	500	1	3 ~ 400	577	1.4	6375	2 × 8	4 × 1280	4 × 1280	10240
HED Plus 5001 76 4D	500	1	3 ~ 400	577	1.4	5909	2 × 8	6 × 1280	4 × 1280	12800
HED Plus 5002 114 4D	500	2	3 ~ 400	1154	2.8	12750	2 × 10	4 × 2320	4 × 2320	18560
HED Plus 5002 152 4D	500	2	3 ~ 400	1154	2.8	11818	2 × 9	6 × 2320	4 × 2320	23200
HED Plus 5003 171 4D	500	3	3 ~ 400	1731	4.1	19113	2 × 12	4 × 3200	4 × 3200	25600
HED Plus 5003 228 4D	500	3	3 ~ 400	1731	4.1	17718	2 × 11	6 × 3200	4 × 3200	32000
HED Plus 5004 228 4D	500	4	3 ~ 400	2308	5.5	25499	2 × 14	4 × 4260	4 × 4260	34080
HED Plus 5004 304 4D	500	4	3 ~ 400	2308	5.5	23635	2 × 13	6 × 4260	4 × 4260	42600
HED Plus 6301 103 4D	630	1	3 ~ 400	1118	2.3	11661	2 × 10	6 × 1250	4 × 1250	12500
HED Plus 6301 137 4D	630	1	3 ~ 400	1118	2.3	10926	2 × 10	8 × 1250	4 × 1250	15000
HED Plus 6302 205 4D	630	2	3 ~ 400	2236	4.5	23311	2 × 13	6 × 2740	4 × 2740	27400
HED Plus 6302 274 4D	630	2	3 ~ 400	2236	4.5	21845	2 × 12	8 × 2740	4 × 2740	32880
HED Plus 6303 308 4D	630	3	3 ~ 400	3354	6.8	34966	2 × 15	6 × 3800	4 × 3800	38000
HED Plus 6303 410 4D	630	3	3 ~ 400	3354	6.8	32767	2 × 14	8 × 3800	4 × 3800	45600
HED Plus 6304 410 4D	630	4	3 ~ 400	4472	9.0	46642	2 × 18	6 × 5060	4 × 5060	50600
HED Plus 6304 547 4D	630	4	3 ~ 400	4472	9.0	43703	2 × 17	8 × 5060	4 × 5060	60720
HED Plus 8001 160 4D	800	1	3 ~ 400	1369	3.4	15034	2 × 11	8 × 1700	4 × 1700	20400
HED Plus 8001 213 4D	800	1	3 ~ 400	1369	3.4	14134	2 × 10	10 × 1700	4 × 1700	23800
HED Plus 8002 319 4D	800	2	3 ~ 400	2738	6.7	30066	2 × 13	8 × 2810	4 × 2810	33720
HED Plus 8002 426 4D	800	2	3 ~ 400	2738	6.7	28267	2 × 12	10 × 2810	4 × 2810	39340
HED Plus 8003 479 4D	800	3	3 ~ 400	4107	10.1	45088	2 × 16	8 × 4420	4 × 4420	53040
HED Plus 8003 638 4D	800	3	3 ~ 400	4107	10.1	42391	2 × 15	10 × 4420	4 × 4420	61880

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C
片距6mm, 带电化霜库温>=-18°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HED Plus 4001 16 6D	4.46	3.30	4.51	3.30	15.7	3.8	69	12	28
HED Plus 4001 24 6D	5.90	4.35	5.87	4.30	23.5	5.8	75	12	28
HED Plus 4002 31 6D	8.99	6.68	9.07	6.66	31.4	7.7	114	15	35
HED Plus 4002 47 6D	11.69	8.14	12.03	8.55	47.0	11.5	126	22	35
HED Plus 4003 47 6D	13.27	9.15	13.70	9.70	47.0	11.5	151	22	35
HED Plus 4003 71 6D	17.91	13.13	18.10	13.13	70.6	17.3	171	22	54
HED Plus 4004 63 6D	18.05	13.45	18.18	13.38	62.7	15.3	196	28	54
HED Plus 4004 94 6D	23.60	16.54	24.20	17.40	94.1	23.0	220	28	54
HED Plus 4501 21 6D	6.19	4.34	6.37	4.58	20.9	5.1	78	12	28
HED Plus 4501 31 6D	8.17	5.76	8.37	5.99	31.4	7.7	87	15	28
HED Plus 4502 42 6D	12.54	8.86	12.86	9.30	41.8	10.2	132	22	35
HED Plus 4502 63 6D	16.52	11.75	16.86	12.16	62.7	15.3	148	22	42
HED Plus 4503 63 6D	18.98	14.21	19.15	14.23	62.7	15.3	177	28	54
HED Plus 4503 94 6D	24.57	17.18	25.26	18.13	94.1	23.0	201	28	54
HED Plus 4504 84 6D	25.24	17.90	25.84	18.75	83.6	20.5	231	28	54
HED Plus 4504 125 6D	33.22	23.73	33.85	24.51	125.4	30.7	264	35	67
HED Plus 5001 39 6D	11.58	8.86	11.37	8.61	39.2	9.6	112	22	42
HED Plus 5001 52 6D	13.62	10.31	13.10	9.97	52.3	12.8	123	22	54
HED Plus 5002 78 6D	23.24	17.82	22.79	17.30	78.4	19.2	192	28	67
HED Plus 5002 105 6D	27.30	20.72	26.24	20.02	104.5	25.6	213	28	67
HED Plus 5003 118 6D	35.39	25.44	36.10	26.46	117.6	28.8	258	28	67
HED Plus 5003 157 6D	41.72	30.15	42.37	30.91	156.8	38.4	289	35	67
HED Plus 5004 157 6D	46.54	35.73	45.64	34.66	156.8	38.4	340	2 × 28	2 × 54
HED Plus 5004 209 6D	54.68	41.54	52.53	40.10	209.1	51.2	383	2 × 28	2 × 67
HED Plus 6301 71 6D	21.24	15.80	21.46	15.85	70.6	17.3	168	28	54
HED Plus 6301 94 6D	25.17	18.69	25.26	18.54	94.1	23.0	188	28	67
HED Plus 6302 141 6D	41.65	28.66	43.12	30.53	141.1	34.5	292	35	67
HED Plus 6302 188 6D	49.72	34.67	51.18	36.70	188.2	46.0	328	35	67
HED Plus 6303 212 6D	62.72	43.25	64.87	46.00	211.7	51.8	398	2 × 28	2 × 54
HED Plus 6303 282 6D	74.83	52.31	76.95	55.29	282.2	69.1	458	2 × 28	2 × 54
HED Plus 6304 282 6D	85.49	63.86	86.20	63.94	282.2	69.1	531	2 × 35	2 × 67
HED Plus 6304 376 6D	101.19	75.45	101.46	74.67	376.3	92.1	606	2 × 35	2 × 76
HED Plus 8001 110 6D	29.64	21.53	30.09	21.82	109.8	26.9	242	28	67
HED Plus 8001 146 6D	35.00	25.60	35.39	25.43	146.3	35.8	302	28	67
HED Plus 8002 220 6D	59.55	43.37	60.43	43.89	219.5	53.7	420	2 × 28	2 × 54
HED Plus 8002 293 6D	70.27	51.55	70.97	51.10	292.7	71.6	476	2 × 28	2 × 67
HED Plus 8003 329 6D	85.50	57.63	89.07	62.23	329.3	80.6	574	2 × 28	2 × 54
HED Plus 8003 439 6D	101.94	69.99	105.50	74.70	439.0	107.4	655	2 × 35	2 × 67

HED & HED Plus SERIES EVAPORATOR

蒸发器系列 HED & HED Plus

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

片距6mm, 带电化霜库温>=-18°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HED Plus 4001 16 6D	400	1	1 ~ 230	177	0.3	3186	2 × 6	4 × 750	2 × 750	4500
HED Plus 4001 24 6D	400	1	1 ~ 230	177	0.3	2994	2 × 5	4 × 750	4 × 750	6000
HED Plus 4002 31 6D	400	2	1 ~ 230	354	0.6	6371	2 × 7	4 × 1250	2 × 1250	7500
HED Plus 4002 47 6D	400	2	1 ~ 230	354	0.6	5984	2 × 6	4 × 1250	4 × 1250	10000
HED Plus 4003 47 6D	400	3	1 ~ 230	531	0.9	9553	2 × 8	4 × 1700	2 × 1700	10200
HED Plus 4003 71 6D	400	3	1 ~ 230	531	0.9	8979	2 × 7	4 × 1700	4 × 1700	13600
HED Plus 4004 63 6D	400	4	1 ~ 230	708	1.2	12742	2 × 9	4 × 2740	2 × 2740	16440
HED Plus 4004 94 6D	400	4	1 ~ 230	708	1.2	11968	2 × 9	4 × 2740	4 × 2740	21920
HED Plus 4501 21 6D	450	1	3 ~ 400	350	1.1	4662	2 × 7	4 × 730	2 × 730	4380
HED Plus 4501 31 6D	450	1	3 ~ 400	350	1.1	4290	2 × 6	4 × 730	4 × 730	5840
HED Plus 4502 42 6D	450	2	3 ~ 400	700	2.2	9323	2 × 8	4 × 1800	2 × 1800	10800
HED Plus 4502 63 6D	450	2	3 ~ 400	700	2.2	8579	2 × 8	4 × 1800	4 × 1800	14400
HED Plus 4503 63 6D	450	3	3 ~ 400	1050	3.3	13992	2 × 10	4 × 2740	2 × 2740	16440
HED Plus 4503 94 6D	450	3	3 ~ 400	1050	3.3	12867	2 × 9	4 × 2740	4 × 2740	21920
HED Plus 4504 84 6D	450	4	3 ~ 400	1400	4.4	18646	2 × 12	4 × 3800	2 × 3800	22800
HED Plus 4504 125 6D	450	4	3 ~ 400	1400	4.4	17157	2 × 11	4 × 3800	4 × 3800	30400
HED Plus 5001 39 6D	500	1	3 ~ 400	577	1.4	6702	2 × 9	4 × 1280	4 × 1280	10240
HED Plus 5001 52 6D	500	1	3 ~ 400	577	1.4	6255	2 × 8	6 × 1280	4 × 1280	12800
HED Plus 5002 78 6D	500	2	3 ~ 400	1154	2.8	13404	2 × 10	4 × 2320	4 × 2320	18560
HED Plus 5002 105 6D	500	2	3 ~ 400	1154	2.8	12509	2 × 10	6 × 2320	4 × 2320	23200
HED Plus 5003 118 6D	500	3	3 ~ 400	1731	4.1	20090	2 × 12	4 × 3200	4 × 3200	25600
HED Plus 5003 157 6D	500	3	3 ~ 400	1731	4.1	18752	2 × 12	6 × 3200	4 × 3200	32000
HED Plus 5004 157 6D	500	4	3 ~ 400	2308	5.5	26807	2 × 15	4 × 4260	4 × 4260	34080
HED Plus 5004 209 6D	500	4	3 ~ 400	2308	5.5	25018	2 × 14	6 × 4260	4 × 4260	42600
HED Plus 6301 71 6D	630	1	3 ~ 400	1118	2.3	12160	2 × 11	6 × 1250	4 × 1250	12500
HED Plus 6301 94 6D	630	1	3 ~ 400	1118	2.3	11474	2 × 10	8 × 1250	4 × 1250	15000
HED Plus 6302 141 6D	630	2	3 ~ 400	2236	4.5	24308	2 × 13	6 × 2740	4 × 2740	27400
HED Plus 6302 188 6D	630	2	3 ~ 400	2236	4.5	22938	2 × 12	8 × 2740	4 × 2740	32880
HED Plus 6303 212 6D	630	3	3 ~ 400	3354	6.8	36462	2 × 16	6 × 3800	4 × 3800	38000
HED Plus 6303 282 6D	630	3	3 ~ 400	3354	6.8	34407	2 × 15	8 × 3800	4 × 3800	45600
HED Plus 6304 282 6D	630	4	3 ~ 400	4472	9.0	48639	2 × 19	6 × 5060	4 × 5060	50600
HED Plus 6304 376 6D	630	4	3 ~ 400	4472	9.0	45896	2 × 18	8 × 5060	4 × 5060	60720
HED Plus 8001 110 6D	800	1	3 ~ 400	1369	3.4	15557	2 × 11	8 × 1700	4 × 1700	20400
HED Plus 8001 146 6D	800	1	3 ~ 400	1369	3.4	14835	2 × 11	10 × 1700	4 × 1700	23800
HED Plus 8002 220 6D	800	2	3 ~ 400	2738	6.7	31113	2 × 14	8 × 2810	4 × 2810	33720
HED Plus 8002 293 6D	800	2	3 ~ 400	2738	6.7	29670	2 × 13	10 × 2810	4 × 2810	39340
HED Plus 8003 329 6D	800	3	3 ~ 400	4107	10.1	46656	2 × 16	8 × 4420	4 × 4420	53040
HED Plus 8003 439 6D	800	3	3 ~ 400	4107	10.1	44493	2 × 16	10 × 4420	4 × 4420	61880

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

HFC/HFO/(HCFC)*

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

片距9mm, 带电化霜库温>=-35°。

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HED Plus 4001 11 9D	3.63	2.68	3.55	2.61	10.9	3.8	67	12	28
HED Plus 4001 16 9D	4.97	3.63	4.79	3.55	16.4	5.8	74	12	28
HED Plus 4002 22 9D	7.29	5.40	7.13	5.26	21.9	7.7	112	15	35
HED Plus 4002 33 9D	10.02	7.14	10.22	7.24	32.8	11.5	123	22	35
HED Plus 4003 33 9D	11.00	7.73	11.24	8.00	32.8	11.5	148	22	35
HED Plus 4003 49 9D	15.10	11.07	14.93	10.87	49.2	17.3	166	22	54
HED Plus 4004 44 9D	14.62	10.85	14.29	10.56	43.7	15.3	192	28	54
HED Plus 4004 66 9D	20.16	14.44	20.53	14.63	65.6	23.0	213	28	54
HED Plus 4501 15 9D	5.13	3.67	5.24	3.75	14.6	5.1	76	12	28
HED Plus 4501 22 9D	6.99	5.04	7.11	5.09	21.9	7.7	85	15	28
HED Plus 4502 29 9D	10.36	7.44	10.54	7.59	29.2	10.2	129	22	35
HED Plus 4502 44 9D	14.08	10.22	14.30	10.27	43.7	15.3	144	22	42
HED Plus 4503 44 9D	15.44	11.52	15.23	11.25	43.7	15.3	173	28	54
HED Plus 4503 66 9D	21.08	15.13	21.50	15.42	65.6	23.0	194	28	54
HED Plus 4504 58 9D	20.81	14.99	21.14	15.27	58.3	20.5	225	28	54
HED Plus 4504 88 9D	28.28	20.59	28.69	20.65	87.5	30.7	255	35	67
HED Plus 5001 27 9D	9.70	7.32	9.18	7.04	27.3	9.6	109	22	42
HED Plus 5001 37 9D	11.73	8.76	10.97	8.44	36.5	12.8	120	22	54
HED Plus 5002 55 9D	19.44	14.70	18.40	14.12	54.7	19.2	186	28	67
HED Plus 5002 73 9D	23.52	17.59	21.97	16.93	72.9	25.6	206	28	67
HED Plus 5003 82 9D	30.03	21.89	30.45	22.21	82.0	28.8	250	28	67
HED Plus 5003 109 9D	36.39	26.66	36.85	26.67	109.4	38.4	279	35	67
HED Plus 5004 109 9D	38.93	29.47	36.83	28.27	109.4	38.4	330	2 × 28	2 × 54
HED Plus 5004 146 9D	47.08	35.25	43.97	33.89	145.8	51.2	369	2 × 28	2 × 67
HED Plus 6301 49 9D	17.72	13.19	17.58	12.94	49.2	17.3	163	28	54
HED Plus 6301 66 9D	21.68	16.11	21.20	15.73	65.6	23.0	181	28	67
HED Plus 6302 98 9D	35.53	24.82	36.42	25.95	98.4	34.5	282	35	67
HED Plus 6302 131 9D	43.60	30.85	44.56	31.94	131.2	46.0	315	35	67
HED Plus 6303 148 9D	53.44	37.42	54.75	39.28	147.6	51.8	384	2 × 28	2 × 54
HED Plus 6303 197 9D	65.57	46.49	66.96	48.09	196.8	69.1	439	2 × 28	2 × 54
HED Plus 6304 197 9D	71.22	53.18	70.56	52.08	196.8	69.1	512	2 × 35	2 × 67
HED Plus 6304 263 9D	87.05	64.89	85.06	63.23	262.5	92.1	580	2 × 35	2 × 76
HED Plus 8001 77 9D	24.92	18.18	25.04	18.04	76.6	26.9	234	28	67
HED Plus 8001 102 9D	30.28	22.17	30.03	21.75	102.1	35.8	292	28	67
HED Plus 8002 153 9D	49.99	36.60	50.21	36.24	153.1	53.7	405	2 × 28	2 × 54
HED Plus 8002 204 9D	60.74	44.58	60.18	43.66	204.1	71.6	456	2 × 28	2 × 67
HED Plus 8003 230 9D	73.60	50.76	75.87	53.80	229.7	80.6	552	2 × 28	2 × 54
HED Plus 8003 306 9D	89.93	62.77	92.32	65.60	306.2	107.4	625	2 × 35	2 × 67

HED & HED Plus SERIES EVAPORATOR

蒸发器系列 HED & HED Plus

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

片距9mm, 带电化霜库温>=-35°。

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HED Plus 4001 11 9D	400	1	1 ~ 230	177	0.3	3266	2 × 6	4 × 750	2 × 750	4500
HED Plus 4001 16 9D	400	1	1 ~ 230	177	0.3	3104	2 × 5	4 × 750	4 × 750	6000
HED Plus 4002 22 9D	400	2	1 ~ 230	354	0.6	6531	2 × 7	4 × 1250	2 × 1250	7500
HED Plus 4002 33 9D	400	2	1 ~ 230	354	0.6	6204	2 × 6	4 × 1250	4 × 1250	10000
HED Plus 4003 33 9D	400	3	1 ~ 230	531	0.9	9792	2 × 8	4 × 1700	2 × 1700	10200
HED Plus 4003 49 9D	400	3	1 ~ 230	531	0.9	9308	2 × 8	4 × 1700	4 × 1700	13600
HED Plus 4004 44 9D	400	4	1 ~ 230	708	1.2	13061	2 × 10	4 × 2740	2 × 2740	16440
HED Plus 4004 66 9D	400	4	1 ~ 230	708	1.2	12408	2 × 9	4 × 2740	4 × 2740	21920
HED Plus 4501 15 9D	450	1	3 ~ 400	350	1.1	4815	2 × 7	4 × 730	2 × 730	4380
HED Plus 4501 22 9D	450	1	3 ~ 400	350	1.1	4478	2 × 7	4 × 730	4 × 730	5840
HED Plus 4502 29 9D	450	2	3 ~ 400	700	2.2	9629	2 × 8	4 × 1800	2 × 1800	10800
HED Plus 4502 44 9D	450	2	3 ~ 400	700	2.2	8956	2 × 8	4 × 1800	4 × 1800	14400
HED Plus 4503 44 9D	450	3	3 ~ 400	1050	3.3	14448	2 × 10	4 × 2740	2 × 2740	16440
HED Plus 4503 66 9D	450	3	3 ~ 400	1050	3.3	13432	2 × 9	4 × 2740	4 × 2740	21920
HED Plus 4504 58 9D	450	4	3 ~ 400	1400	4.4	19257	2 × 12	4 × 3800	2 × 3800	22800
HED Plus 4504 88 9D	450	4	3 ~ 400	1400	4.4	17912	2 × 11	4 × 3800	4 × 3800	30400
HED Plus 5001 27 9D	500	1	3 ~ 400	577	1.4	7007	2 × 9	4 × 1280	4 × 1280	10240
HED Plus 5001 37 9D	500	1	3 ~ 400	577	1.4	6588	2 × 9	6 × 1280	4 × 1280	12800
HED Plus 5002 55 9D	500	2	3 ~ 400	1154	2.8	14013	2 × 11	4 × 2320	4 × 2320	18560
HED Plus 5002 73 9D	500	2	3 ~ 400	1154	2.8	13174	2 × 10	6 × 2320	4 × 2320	23200
HED Plus 5003 82 9D	500	3	3 ~ 400	1731	4.1	21001	2 × 13	4 × 3200	4 × 3200	25600
HED Plus 5003 109 9D	500	3	3 ~ 400	1731	4.1	19747	2 × 12	6 × 3200	4 × 3200	32000
HED Plus 5004 109 9D	500	4	3 ~ 400	2308	5.5	28025	2 × 15	4 × 4260	4 × 4260	34080
HED Plus 5004 146 9D	500	4	3 ~ 400	2308	5.5	26348	2 × 15	6 × 4260	4 × 4260	42600
HED Plus 6301 49 9D	630	1	3 ~ 400	1118	2.3	12527	2 × 11	6 × 1250	4 × 1250	12500
HED Plus 6301 66 9D	630	1	3 ~ 400	1118	2.3	11985	2 × 11	8 × 1250	4 × 1250	15000
HED Plus 6302 98 9D	630	2	3 ~ 400	2236	4.5	25042	2 × 13	6 × 2740	4 × 2740	27400
HED Plus 6302 131 9D	630	2	3 ~ 400	2236	4.5	23958	2 × 13	8 × 2740	4 × 2740	32880
HED Plus 6303 148 9D	630	3	3 ~ 400	3354	6.8	37563	2 × 16	6 × 3800	4 × 3800	38000
HED Plus 6303 197 9D	630	3	3 ~ 400	3354	6.8	35936	2 × 15	8 × 3800	4 × 3800	45600
HED Plus 6304 197 9D	630	4	3 ~ 400	4472	9.0	50105	2 × 19	6 × 5060	4 × 5060	50600
HED Plus 6304 263 9D	630	4	3 ~ 400	4472	9.0	47939	2 × 18	8 × 5060	4 × 5060	60720
HED Plus 8001 77 9D	800	1	3 ~ 400	1369	3.4	16024	2 × 12	8 × 1700	4 × 1700	20400
HED Plus 8001 102 9D	800	1	3 ~ 400	1369	3.4	15377	2 × 11	10 × 1700	4 × 1700	23800
HED Plus 8002 153 9D	800	2	3 ~ 400	2738	6.7	32047	2 × 14	8 × 2810	4 × 2810	33720
HED Plus 8002 204 9D	800	2	3 ~ 400	2738	6.7	30753	2 × 13	10 × 2810	4 × 2810	39340
HED Plus 8003 230 9D	800	3	3 ~ 400	4107	10.1	48054	2 × 17	8 × 4420	4 × 4420	53040
HED Plus 8003 306 9D	800	3	3 ~ 400	4107	10.1	46116	2 × 16	10 × 4420	4 × 4420	61880

EVAPORATORS/ 蒸发器 HFC/HFO/HCFQ

AVAILABLE OPTIONS FOR HED 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
- SS1: 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
- SS2: stainless steel AISI SUS304

Refrigerant options:

- HFC/HFO (A1): standard models
- HFO/HFC (A2L): coming soon
- Glicol: available, please contact our Technical Department
- NH3: see HED N models

Other options:

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

HED 系列选配件:

化霜:

- 无化霜 (空气)
- D: 电化霜: 标准型号
- HG: 热氟
- W: 水
- HGD: 内芯热氟化霜, 接水盘电化霜
- WD: 水和电化霜

盘管材质:

- 铜管: 标准型号
- SS1: 304不锈钢

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

- EC风机

外壳:

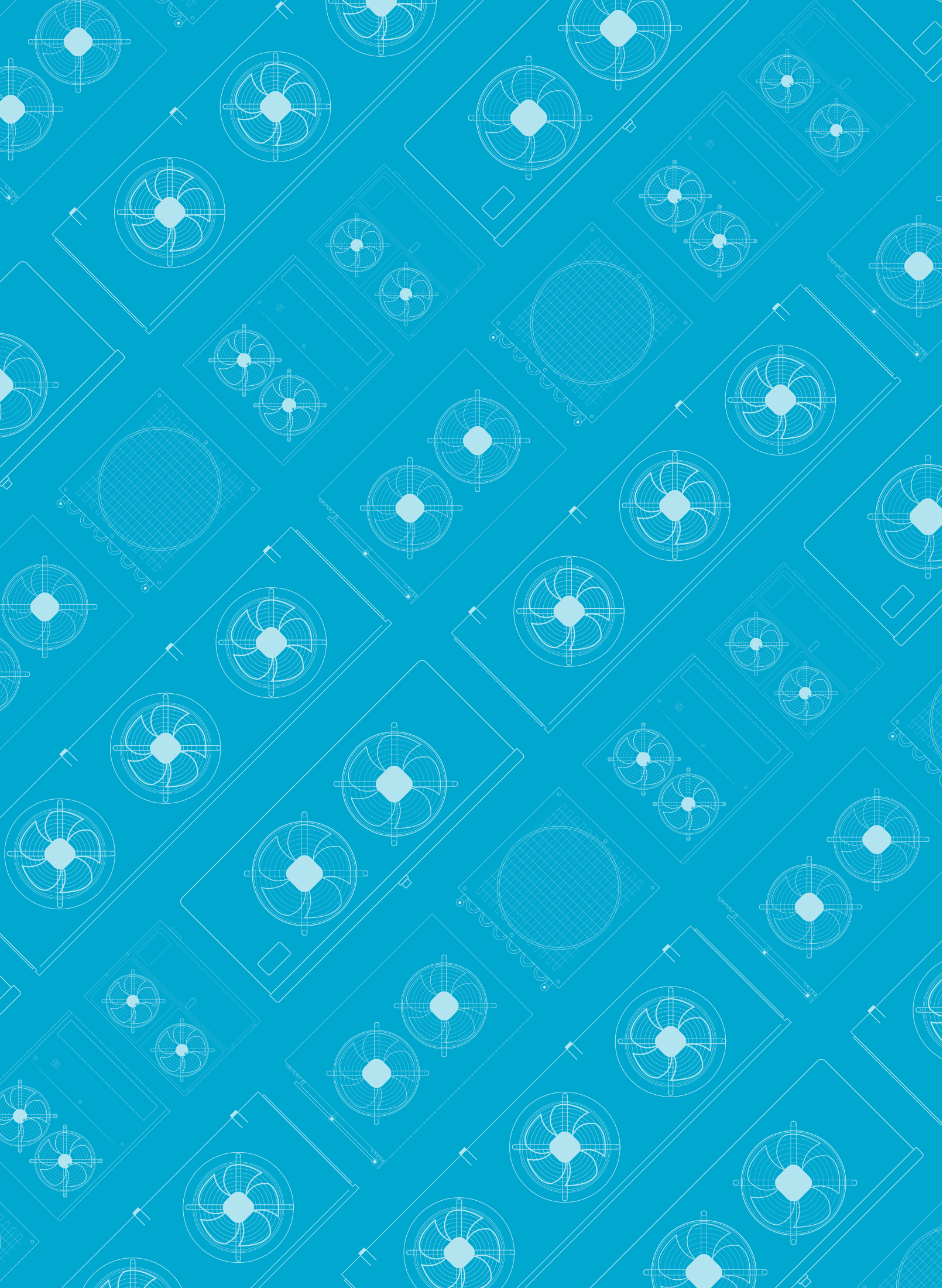
- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

制冷剂:

- HFC/HFO (A1): 标准型号
- HFO/HFC (A2L): 即将上市
- 乙二醇: 可选, 请联系Hispania
- NH3: ver modelos HED N

其他:

- 双接水盘 (低温工况推荐)
- 电化霜热保护器





WALL TYPE EVAPORATORS

速冻用蒸发器

The HEF range of wall type evaporators has been designed for use in the food refrigeration sector, both for rapid cooling and for freezing in tunnels.

The exchange coils used in the HEF range are built with a geometry of recognized high efficiency, with special profile aluminum fins and $\varnothing 15$ mm high quality copper tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

The HEF range has models with 4 different fin pitch depending on the application:

- HEF XXXX XX 7X: with 7 mm pitch, recommended for rapid cooling processes.
- HEF XXXX XX 10X: with 10 mm pitch, recommended for rapid freezing in tunnels.
- HEF XXXX XX 12X: with 12 mm pitch, recommended for rapid freezing in tunnels.

HEF evaporators are equipped with fans with high static pressure and special profile to ensure correct air circulation in the refrigeration and freezing rooms.

The fan nozzle is equipped with electrical heaters to avoid frost problems.

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

HEF SERIES EVAPORATOR

蒸发器系列 HEF

HEF系列速冻用蒸发器适用于食品制冷需求，可应用于快速冷却和速冻隧道。

HEF的高效内芯采用铝箔和 $\varnothing 15$ mm高质量铜管，具有较高的换热性能。所有内芯均经过清洁和30bar保压测试。

HEF有3种不同片距，满足不同温度应用

- HEF XXXX XX 7X: 7mm片距，推荐应用于快速冷却
- HEF XXXX XX 10X: 10mm片距，推荐应用于速冻隧道
- HEF XXXX XX 12X: 12mm片距，推荐应用于速冻隧道

HEF蒸发器的风机具有高静压和特殊造型，能为冷冻冷藏提供正确的空气循环。

风筒装有电加热，有效防止结冰。

标准的风机配置如下：

HEF SERIES EVAPORATOR

蒸发器系列 HEF

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

-ø630, 800 mm: three-phase 400V/350 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.

All HEF models have double insulated tray.

In models with electric defrost, stainless steel electric heaters covered by aluminum tubes are used, located in the finned package and in the drain pan 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.

-ø630, 800mm: 三相400V/3/50Hz外转子电机, 带L网罩和长风口. 工作温度-40°C至+40°C。

-ø630, 800mm: 三相400V/3/50Hz外转子电机, 带ZN网罩和长风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

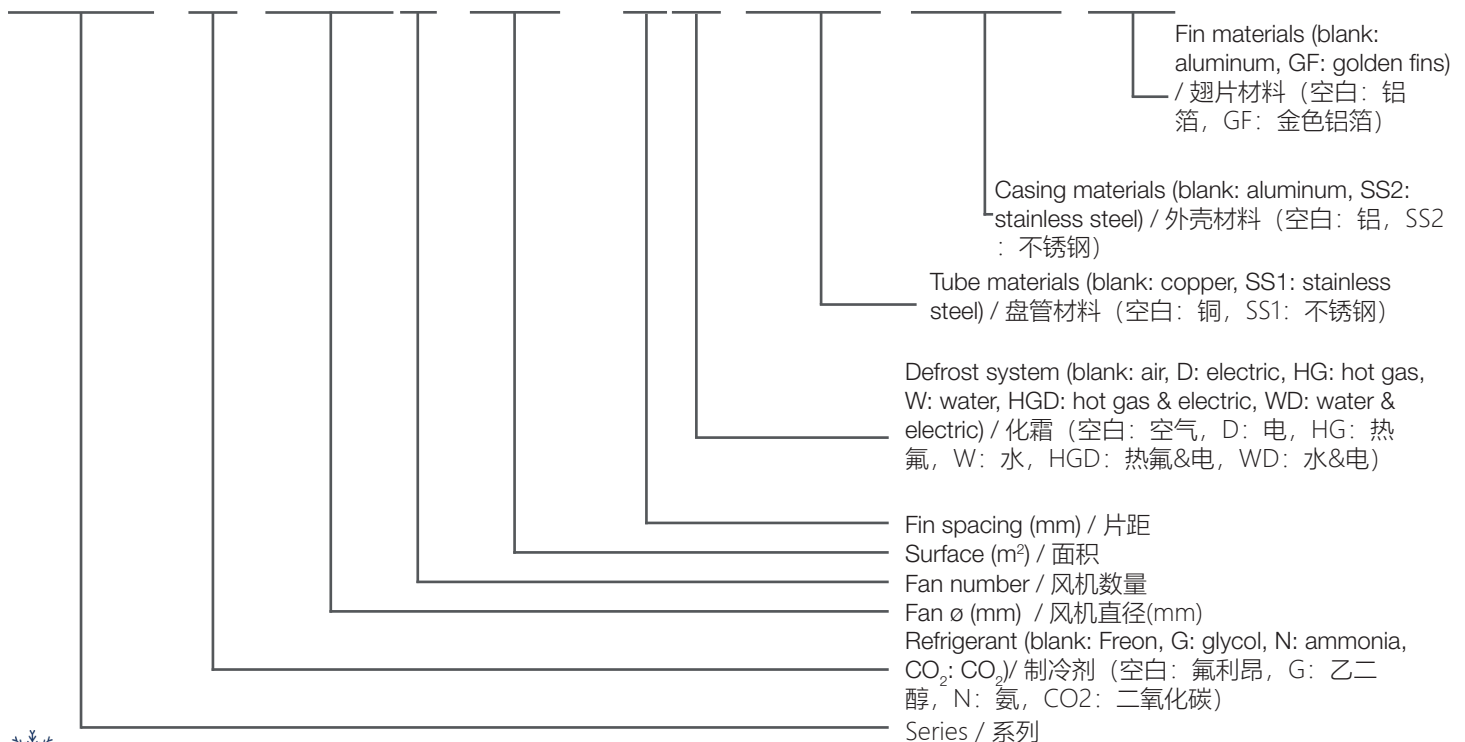
所有电器有效接地。电线均接入防护等级IP65的电器盒内。

可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

EVAPORATORS / 蒸发器 HEF/HFO/HCFQ

HEF N 8004 538 7D SS1 SS2 GF

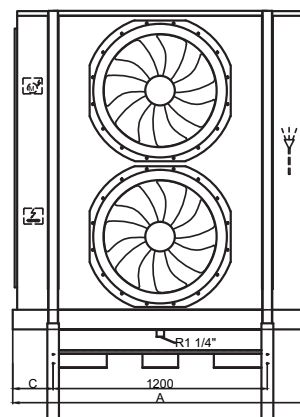
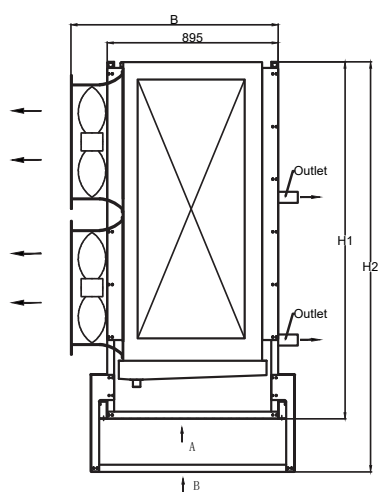


WALL TYPE EVAPORATORS

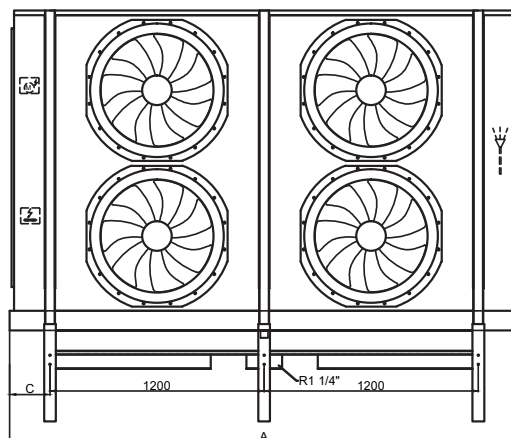
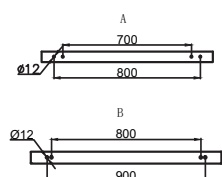
速冻用蒸发器

HFC/HFO/(HCFC)*

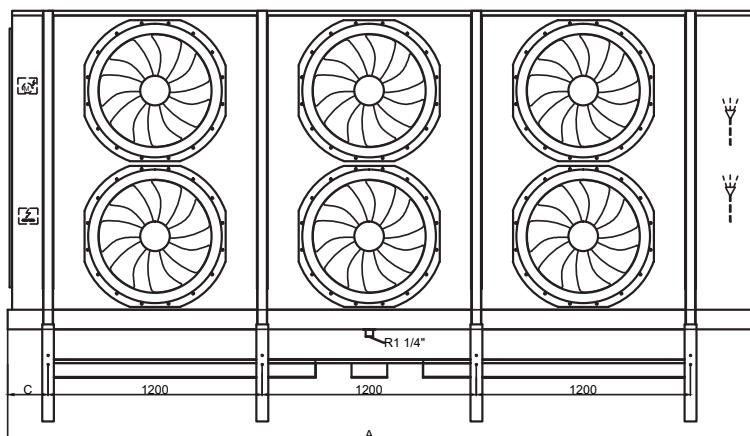
EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)



HEF 6302



HEF 6304



HEF 6306

Model / 型号	Dimensions / 尺寸 (mm)				
	A	B	C	H1	H2
HEF 6302...(6 rows)	1665	1090	230	1965	2140
HEF 6302...(8 rows)	1665	1090	230	1965	2140
HEF 6304...(6 rows)	2865	1090	230	1965	2140
HEF 6304...(8 rows)	2865	1090	230	1965	2140
HEF 6306...(6 rows)	4065	1090	230	1965	2140
HEF 6306...(8 rows)	4065	1090	230	1965	2140

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.

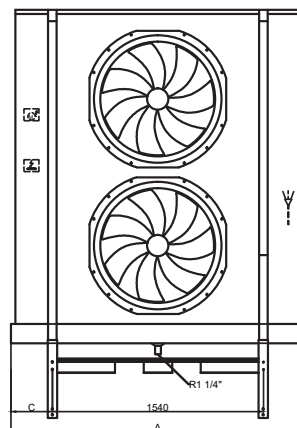
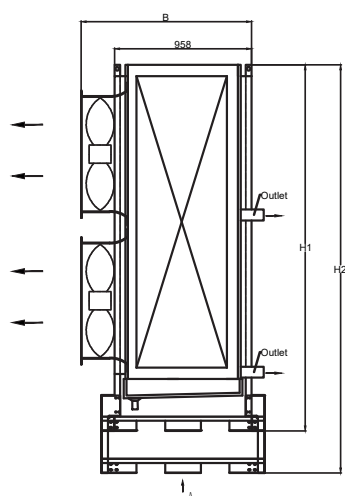
换热器宽度受其列数影响。列数可在之后的表格中查找。

WALL TYPE EVAPORATORS

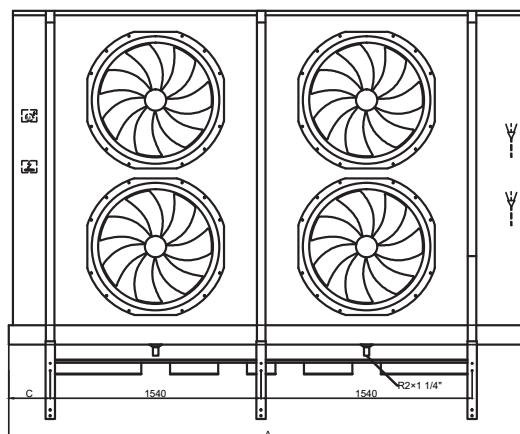
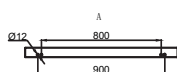
速冻用蒸发器

HFC/HFO/(HCFC)*

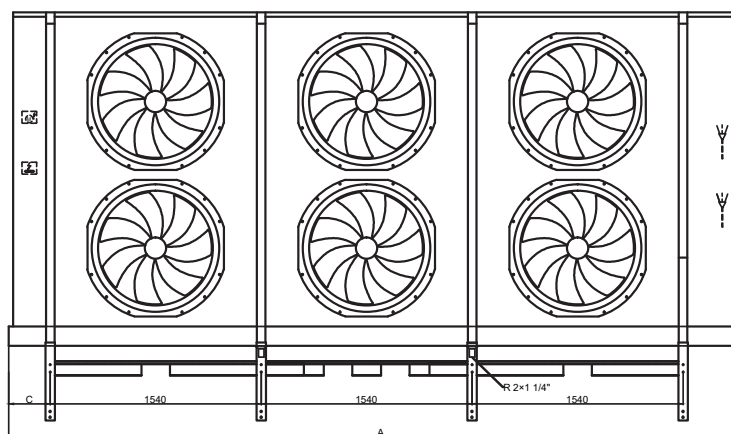
EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)



HEF 8002



HEF 8004



HEF 8006

Model / 型号	Dimensions / 尺寸 (mm)				
	A	B	C	H1	H2
HEF 8002...(6 rows)	2130	1200	295	2310	2605
HEF 8002...(8 rows)	2130	1200	295	2310	2605
HEF 8004...(6 rows)	3670	1200	295	2310	2605
HEF 8004...(8 rows)	3770	1200	295	2310	2605
HEF 8006...(6 rows)	5310	1200	295	2310	2605
HEF 8006...(8 rows)	5310	1200	295	2310	2605

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.

换热器宽度受其列数影响。列数可在之后的表格中查找。

WALL TYPE EVAPORATORS

速冻用蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K	DT1=8K	DT1=7K						
HEF 6302 170 7D	32.98	27.44	32.99	27.69	155.6	34.2	6	317	28	54
HEF 6302 211 7D	41.60	32.01	42.44	33.60	207.5	45.6	8	347	28	67
HEF 6304 340 7D	67.75	56.29	67.78	57.05	319.4	70.2	6	569	2×28	2×54
HEF 6304 424 7D	85.53	65.82	87.20	68.96	425.9	93.5	8	629	2×28	2×54
HEF 6306 511 7D	102.53	85.14	102.57	86.41	483.2	106.1	6	820	2×28	2×76
HEF 6306 637 7D	127.61	105.11	127.45	104.72	644.3	141.5	8	911	2×35	2×76
HEF 8002 264 7D	46.12	37.28	46.13	36.99	252.5	55.5	6	468	35	76
HEF 8002 351 7D	56.38	45.32	55.24	44.24	336.7	74.0	8	519	35	76
HEF 8004 538 7D	95.01	73.80	96.12	76.34	515.3	113.2	6	844	2×35	2×76
HEF 8004 717 7D	112.04	92.17	101.30	85.16	687.0	150.9	8	947	2×35	2×76
HEF 8006 812 7D	143.44	111.43	145.12	115.21	778.0	170.9	6	1220	2×35	2×76
HEF 8006 1083 7D	175.44	135.87	176.99	139.74	1037.4	227.8	8	1376	2×35	2×76

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜			
	Diameter 直径 (Φ mm)	Nº	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Fan circle Circulo del ven- tilador (W)	Total/总 功率 (W)
HEF 6302 170 7D	630	2	3 ~ 400	5400	10.0	33157	39	16 × 1510	2 × 1510	2 × 280	27740
HEF 6302 211 7D	630	2	3 ~ 400	5400	10.0	31050	38	20 × 1510	2 × 1510	2 × 280	33780
HEF 6304 340 7D	630	4	3 ~ 400	10800	20.0	66801	47	16 × 2740	2 × 2740	4 × 280	50440
HEF 6304 424 7D	630	4	3 ~ 400	10800	20.0	62697	45	20 × 2740	2 × 2740	4 × 280	61400
HEF 6306 511 7D	630	6	3 ~ 400	16200	30.0	100441	56	16 × 3800	2 × 3800	6 × 280	70080
HEF 6306 637 7D	630	6	3 ~ 400	16200	30.0	94463	54	20 × 3800	2 × 3800	6 × 280	85280
HEF 8002 264 7D	800	2	3 ~ 400	3200	7.0	36015	35	22 × 1600	2 × 1800	2 × 470	39340
HEF 8002 351 7D	800	2	3 ~ 400	3200	7.0	33814	34	28 × 1600	2 × 1800	2 × 470	48940
HEF 8004 538 7D	800	4	3 ~ 400	6400	14.0	72370	42	22 × 3200	2 × 3200	4 × 470	78680
HEF 8004 717 7D	800	4	3 ~ 400	6400	14.0	68279	41	28 × 3200	2 × 3200	4 × 470	97880
HEF 8006 812 7D	800	6	3 ~ 400	9600	21.0	108740	51	22 × 4800	2 × 4800	6 × 470	118020
HEF 8006 1083 7D	800	6	3 ~ 400	9600	21.0	102555	49	28 × 4800	2 × 4800	6 × 470	146820

HEF SERIES EVAPORATOR

蒸发器系列 HEF

FIN SPACING 10 mm, with electrical defrost. Rt>=-40°C

片距10mm, 带电加热。库温>=-35°C

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -25°C	t _e = -31°C	t _e = -25°C	t _e = -31°C					Inlet/ 进口	Outlet/ 出口
	DT1=7K	DT1=6K	DT1=7K	DT1=6K						
HEF 6302 119 10D	23.46	19.72	22.61	18.39	112.0	34.2	6	309	28	54
HEF 6302 148 10D	28.45	23.43	29.54	24.17	149.4	45.6	8	336	28	67
HEF 6304 238 10D	48.07	40.45	46.59	37.97	229.9	70.2	6	551	2×28	2×54
HEF 6304 297 10D	58.42	48.19	60.55	49.81	306.6	93.5	8	605	2×28	2×54
HEF 6306 358 10D	72.70	61.20	70.58	57.55	347.8	106.1	6	793	2×28	2×76
HEF 6306 446 10D	91.16	77.30	87.45	71.73	463.8	141.5	8	875	2×35	2×76
HEF 8002 187 10D	31.89	26.82	30.40	25.10	181.8	55.5	6	453	35	76
HEF 8002 249 10D	39.46	32.98	37.24	30.93	242.4	74.0	8	499	35	76
HEF 8004 381 10D	63.96	53.41	64.73	53.18	370.9	113.2	6	813	2×35	2×76
HEF 8004 509 10D	77.03	64.45	70.80	59.21	494.6	150.9	8	907	2×35	2×76
HEF 8006 576 10D	96.53	80.65	97.76	80.36	560.1	170.9	6	1174	2×35	2×76
HEF 8006 767 10D	119.62	100.45	119.51	98.50	746.8	227.8	8	1315	2×35	2×76

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜			
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Fan circle Circulo del ven- tilador (W)	Total/总 功率 (W)
HEF 6302 119 10D	630	2	3 ~ 400	5400	10.0	34269	40	16 × 1510	2 × 1510	2 × 280	27740
HEF 6302 148 10D	630	2	3 ~ 400	5400	10.0	32408	39	20 × 1510	2 × 1510	2 × 280	33780
HEF 6304 238 10D	630	4	3 ~ 400	10800	20.0	69008	48	16 × 2740	2 × 2740	4 × 280	50440
HEF 6304 297 10D	630	4	3 ~ 400	10800	20.0	65370	47	20 × 2740	2 × 2740	4 × 280	61400
HEF 6306 358 10D	630	6	3 ~ 400	16200	30.0	103740	57	16 × 3800	2 × 3800	6 × 280	70080
HEF 6306 446 10D	630	6	3 ~ 400	16200	30.0	98448	56	20 × 3800	2 × 3800	6 × 280	85280
HEF 8002 187 10D	800	2	3 ~ 400	3200	7.0	37141	36	22 × 1600	2 × 1800	2 × 470	39340
HEF 8002 249 10D	800	2	3 ~ 400	3200	7.0	35371	35	28 × 1600	2 × 1800	2 × 470	48940
HEF 8004 381 10D	800	4	3 ~ 400	6400	14.0	74620	43	22 × 3200	2 × 3200	4 × 470	78680
HEF 8004 509 10D	800	4	3 ~ 400	6400	14.0	71232	42	28 × 3200	2 × 3200	4 × 470	97880
HEF 8006 576 10D	800	6	3 ~ 400	9600	21.0	112120	52	22 × 4800	2 × 4800	6 × 470	118020
HEF 8006 767 10D	800	6	3 ~ 400	9600	21.0	106871	51	28 × 4800	2 × 4800	6 × 470	146820

WALL TYPE EVAPORATORS

速冻用蒸发器

HFC/HFO/(HCFC)*

FIN SPACING 12 mm, with electrical defrost. Rt>=-40°C

片距12mm, 带电加热。库温>=-40°C

EVAPORATORS/ 蒸发器 HFC/HFO/(HCFC)

Model / 型号	Capacity / 制冷量 R404A (kW)		Capacity / 制冷量 R448A/R449A (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -25°C	t _e = -31°C	t _e = -25°C	t _e = -31°C					Inlet/ 进口	Outlet/ 出口
	DT1=7K	DT1=6K	DT1=7K	DT1=6K						
HEF 6302 95 12D	21.18	17.68	19.84	16.24	95.1	34.2	6	309	28	54
HEF 6302 127 12D	26.20	21.71	26.84	21.88	126.8	45.6	8	336	28	67
HEF 6304 195 12D	43.38	36.42	40.90	33.51	195.1	70.2	6	551	2×28	2×54
HEF 6304 260 12D	53.75	44.60	55.20	45.07	260.2	93.5	8	605	2×28	2×54
HEF 6306 295 12D	65.59	55.16	61.96	50.79	295.2	106.1	6	793	2×28	2×76
HEF 6306 394 12D	82.88	69.28	77.60	63.93	393.6	141.5	8	875	2×35	2×76
HEF 8002 154 12D	28.76	23.90	26.92	22.28	154.3	55.5	6	453	35	76
HEF 8002 206 12D	35.67	29.68	33.36	27.75	205.7	74.0	8	499	35	76
HEF 8004 315 12D	58.21	49.20	57.68	47.41	314.8	113.2	6	814	2×35	2×76
HEF 8004 420 12D	68.60	57.54	63.08	52.78	419.7	150.9	8	907	2×35	2×76
HEF 8006 475 12D	87.83	73.75	87.10	71.63	475.3	170.9	6	1174	2×35	2×76
HEF 8006 634 12D	109.76	92.98	107.46	89.07	633.8	227.8	8	1315	2×35	2×76

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜			
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Fan circle Circulo del ven- tilador (W)	Total/总 功率 (W)
HEF 6302 95 12D	630	2	3 ~ 400	5400	10.0	34844	40	16 × 1510	2 × 1510	2 × 280	27740
HEF 6302 127 12D	630	2	3 ~ 400	5400	10.0	33065	39	20 × 1510	2 × 1510	2 × 280	33780
HEF 6304 195 12D	630	4	3 ~ 400	10800	20.0	70135	48	16 × 2740	2 × 2740	4 × 280	50440
HEF 6304 260 12D	630	4	3 ~ 400	10800	20.0	66648	47	20 × 2740	2 × 2740	4 × 280	61400
HEF 6306 295 12D	630	6	3 ~ 400	16200	30.0	105419	57	16 × 3800	2 × 3800	6 × 280	70080
HEF 6306 394 12D	630	6	3 ~ 400	16200	30.0	100322	56	20 × 3800	2 × 3800	6 × 280	85280
HEF 8002 154 12D	800	2	3 ~ 400	3200	7.0	37749	36	22 × 1600	2 × 1800	2 × 470	39340
HEF 8002 206 12D	800	2	3 ~ 400	3200	7.0	35988	35	28 × 1600	2 × 1800	2 × 470	48940
HEF 8004 315 12D	800	4	3 ~ 400	6400	14.0	75826	43	22 × 3200	2 × 3200	4 × 470	78680
HEF 8004 420 12D	800	4	3 ~ 400	6400	14.0	72475	42	28 × 3200	2 × 3200	4 × 470	97880
HEF 8006 475 12D	800	6	3 ~ 400	9600	21.0	113925	52	22 × 4800	2 × 4800	6 × 470	118020
HEF 8006 634 12D	800	6	3 ~ 400	9600	21.0	108660	51	28 × 4800	2 × 4800	6 × 470	146820

AVAILABLE OPTIONS FOR HEF 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
- SS1: 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: standard models
- Streamers: Air-guiding device for increased air throw
- Blowing or sucking direction

Casing options:

- White powder-coated painted aluminium: standard models
- SS2: stainless steel AISI SUS304

Refrigerant options:

- HFC/HFO (A1): standard models
- HFO/HFC (A2L): coming soon
- Glicol: available, please contact our Technical Department
- NH3: see HEF N models

Other options:

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

HEF 系列选配件:

化霜:

- 无化霜 (空气)
- D: 电化霜: 标准型号
- HG: 热氟
- W: 水
- HGD: 内芯热氟化霜, 接水盘电化霜
- WD: 水和电化霜

盘管材质:

- 铜管: 标准型号
- SS1: 304不锈钢

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

- EC风机
- 风筒电加热: 标准型号
- 导风筒: 增加射程
- 吸风或吹风风机

外壳:

- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

制冷剂:

- HFC/HFO (A1): 标准型号
- HFO/HFC (A2L): 即将上市
- 乙二醇: 可选, 请联系Hispania
- NH3: ver modelos HED N

其他:

- 双接水盘 (低温工况推荐)
- 电化霜热保护器



COUNTER TYPE EVAPORATORS EVAPORADORES BAJO MOSTRADOR

The HER range of countertop evaporators has been designed for use in refrigerated cabinets and display cases for the preservation of fresh products.

The exchange coils used in the HER 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.

The HER range is subdivided into two series that differ only by the air outlet:

- HER T: Air outlet on one side.
- HER B: Air outlet on both sides.

HER SERIES EVAPORATORS 蒸发器系列 HER

HER系列柜用蒸发器适用于冷柜和展示柜的储藏和保鲜需求。

HER的高效内芯采用铝箔和 $\varnothing 9.52$ mm内螺纹铜管，通过减少管容积来降低冷媒充注量，满足全球温室气体的减排需求。所有内芯均经过清洁和30bar保压测试。

HER根据风向不同，分为两个系列：

- HER T：单侧出风
- HER B：双侧出风

HER SERIES EVAPORATOR

蒸发器系列 HER

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

-Single-phase 230V/1/50 Hz with shaded pole motor, $\varnothing 120$ o 150 mm, with plastic grid. Operating temperature -30°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 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.

标准的风机配置如下:

- $\varnothing 120, 150$ mm: 单相230V/1/50Hz罩极电机, 带网罩。工作温度-30°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

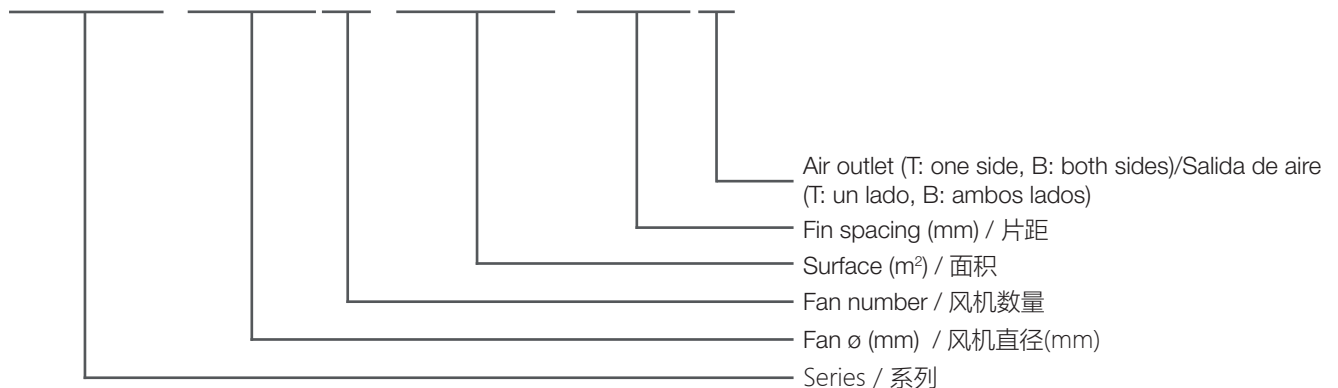
所有电器有效接地。电线均接入防护等级IP65的电器盒内。

可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

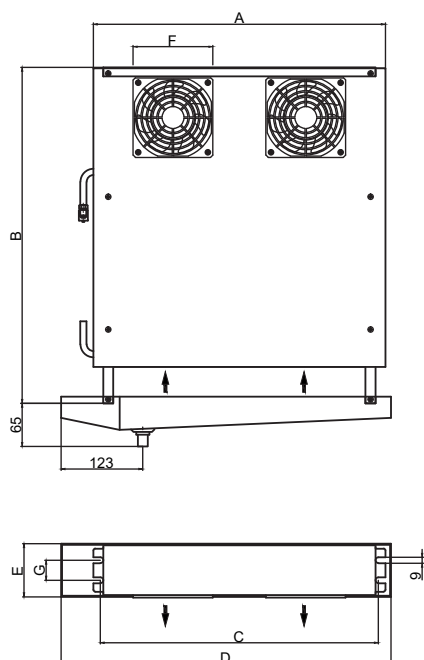
更多需求和信息请联系Hispania。

EVAPORATORS / 蒸发器 HFC/HFO/HCFQ

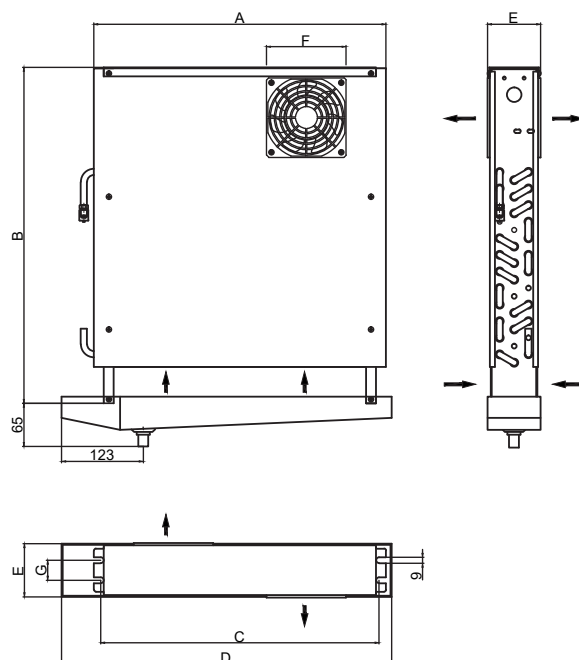
HER 1202 1.19 4.5T



HER T Series



HER B Series



Model / 型号	Dimensions / 尺寸 (mm)						
	A	B	C	D	E	F	G
HER 1202 1.19 4.5	390	330	368	446	80	120	30
HER 1202 1.43 4.5	390	355	368	446	80	120	30
HER 1202 1.91 4.5	390	405	368	446	80	120	30
HER 1202 2.38 4.5	390	455	368	446	80	120	30
HER 1202 3.29 4.5	440	505	418	496	80	120	30
HER 1202 3.66 4.5	440	455	418	496	110	120	30
HER 1502 4.39 4.5	440	535	418	496	110	150	30
HER 1502 5.48 4.5	440	535	418	496	130	150	30

HER SERIES EVAPORATOR

蒸发器系列 HER

FIN SPACING 4.5 mm, with electrical defrost. Rt>=0°C
片距4.5mm, 带电加热。库温>=0°C

Model / 型号	Capacity / 制冷量 R404A (kW)	Capacity / 制冷量 R448A/R449A (kW)	Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -8°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=8K					
HER 1202 1.19 4.5T/B	0.33	0.30	1.2	0.3	3	9.52	9.52
HER 1202 1.43 4.5T/B	0.38	0.36	1.4	0.4	4	9.52	9.52
HER 1202 1.91 4.5T/B	0.46	0.44	1.9	0.5	4	9.52	9.52
HER 1202 2.38 4.5T/B	0.51	0.50	2.4	0.6	5	9.52	9.52
HER 1202 3.29 4.5T/B	0.57	0.58	3.3	0.9	6	9.52	9.52
HER 1202 3.66 4.5T/B	0.62	0.64	3.6	1.0	6	9.52	9.52
HER 1502 4.39 4.5T/B	1.03	1.02	4.4	1.2	8	12	12
HER 1502 5.48 4.5T/B	1.16	1.17	5.4	1.4	9	12	12

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜	
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m ³ /h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Total/总 功率 (W)
HER 1202 1.19 4.5T/B	120	2	1 ~ 230	40	0.3	235	0.92	1 × 435	435
HER 1202 1.43 4.5T/B	120	2	1 ~ 230	40	0.3	249	0.85	1 × 435	435
HER 1202 1.91 4.5T/B	120	2	1 ~ 230	40	0.3	264	0.68	1 × 435	435
HER 1202 2.38 4.5T/B	120	2	1 ~ 230	40	0.3	273	0.56	1 × 435	435
HER 1202 3.29 4.5T/B	120	2	1 ~ 230	40	0.3	281	0.58	1 × 500	500
HER 1202 3.66 4.5T/B	120	2	1 ~ 230	40	0.3	272	0.49	1 × 500	500
HER 1502 4.39 4.5T/B	150	2	1 ~ 230	72	0.5	506	1.05	1 × 500	500
HER 1502 5.48 4.5T/B	150	2	1 ~ 230	72	0.5	490	0.97	1 × 500	500

COUNTER TYPE EVAPORATORS

柜用蒸发器

HFC/HFO/(HCFC)*

AVAILABLE OPTIONS FOR HED SERIES:

Defrost options:

- Without defrost (air)
- D: Electrical defrost: standard model

Coil protection options:

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

Fan options:

- EC Fans

Refrigerant options:

- HFC/HFO (A1): standard models
- HFO/HFC (A2L): coming soon

HER 系列选配件:

化霜:

- 无化霜 (空气)
- D: 电化霜: 标准型号

内芯材质:

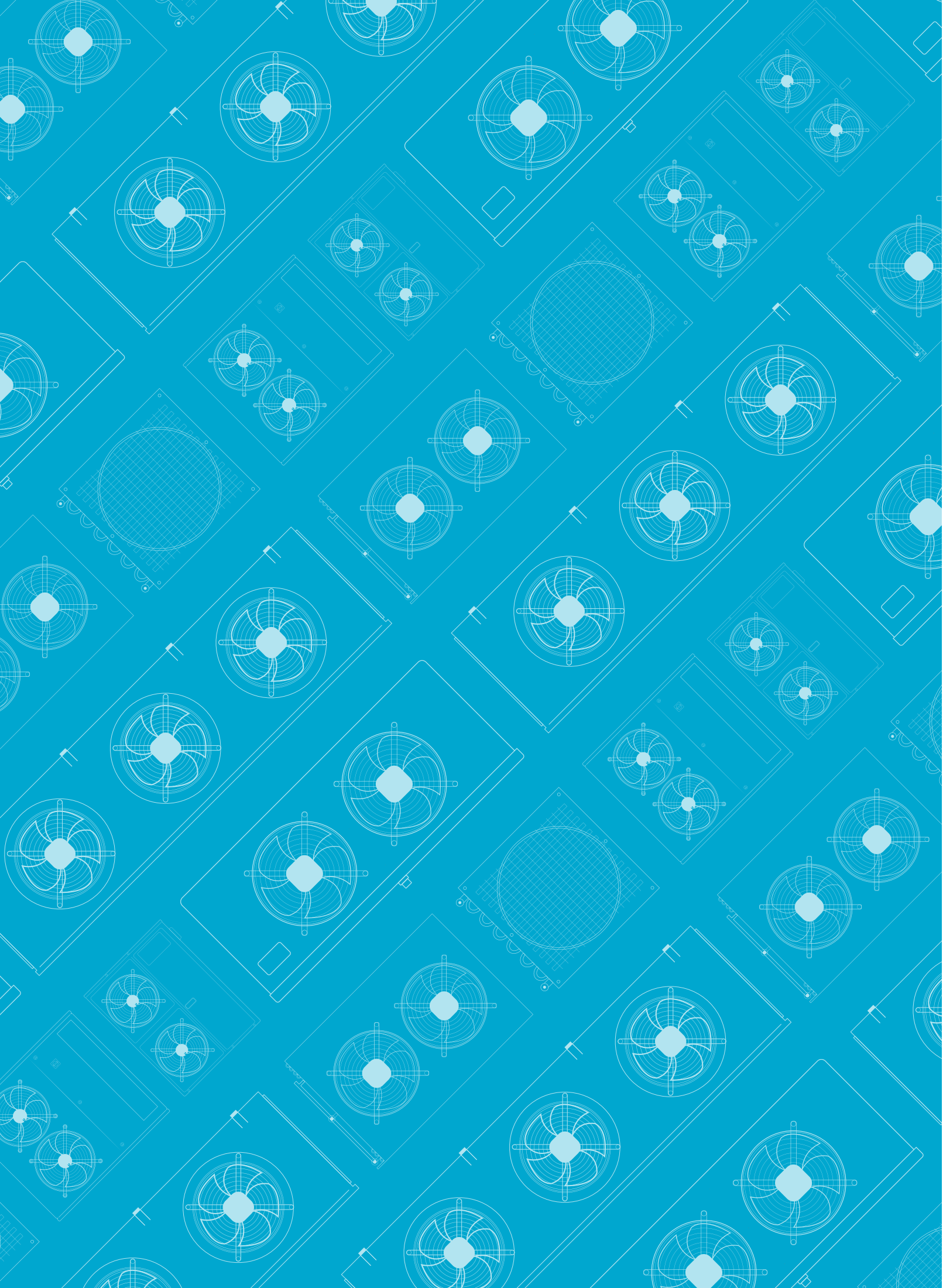
- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

- EC风机

制冷剂:

- HFC/HFO (A1): 标准型号
- HFO/HFC (A2L): 即将上市





COMMERCIAL CUBIC EVAPORATORS EVAPORADORES CUBICOS COMERCIALES

The HEA N 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 HEA N range are highly efficient with special profile aluminum fins and $\varnothing 12$ mm stainless steel tubes. They are supplied clean and tested under a pressure of 30 bar.

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

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

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 $+40^{\circ}\text{C}$.

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

HEA N系列商用蒸发器适用于冷库的冷冻冷藏需求。

HEA N的高效内芯采用铝箔和 $\varnothing 12$ mm不锈钢管。所有内芯均经过清洁和30bar保压测试。

HEA N有三种片距，满足不同温度的应用：

- HEA N XXXX XX 4X: 4mm片距，适用于高温库 ($Rt \geq 0^{\circ}\text{C}$)
- HEA N XXXX XX 6X: 6mm片距，适用于中温库 ($Rt \geq -18^{\circ}\text{C}$)
- HEA N XXXX XX 9X: 9mm片距，适用于低温库 ($Rt \geq -35^{\circ}\text{C}$)

标准的风机配置如下：

- $\varnothing 250, 300, 350, 400$ mm: 单相230V/1/50Hz外转子电机，带K网罩和短出风口。工作温度 -40°C 至 $+40^{\circ}\text{C}$ 。

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

-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: 三相400V/3/50Hz外转子电机, 带K网罩和短出风口. 工作温度-40°C至+40°C。

-ø500, 550 y 630 mm: 三相400V/3/50Hz外转子电机, 带L网罩和长风口. 工作温度-40°C至+40°C。

-ø630 y 800 mm: 三相400V/3/50Hz外转子电机, 带ZN网罩和长风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

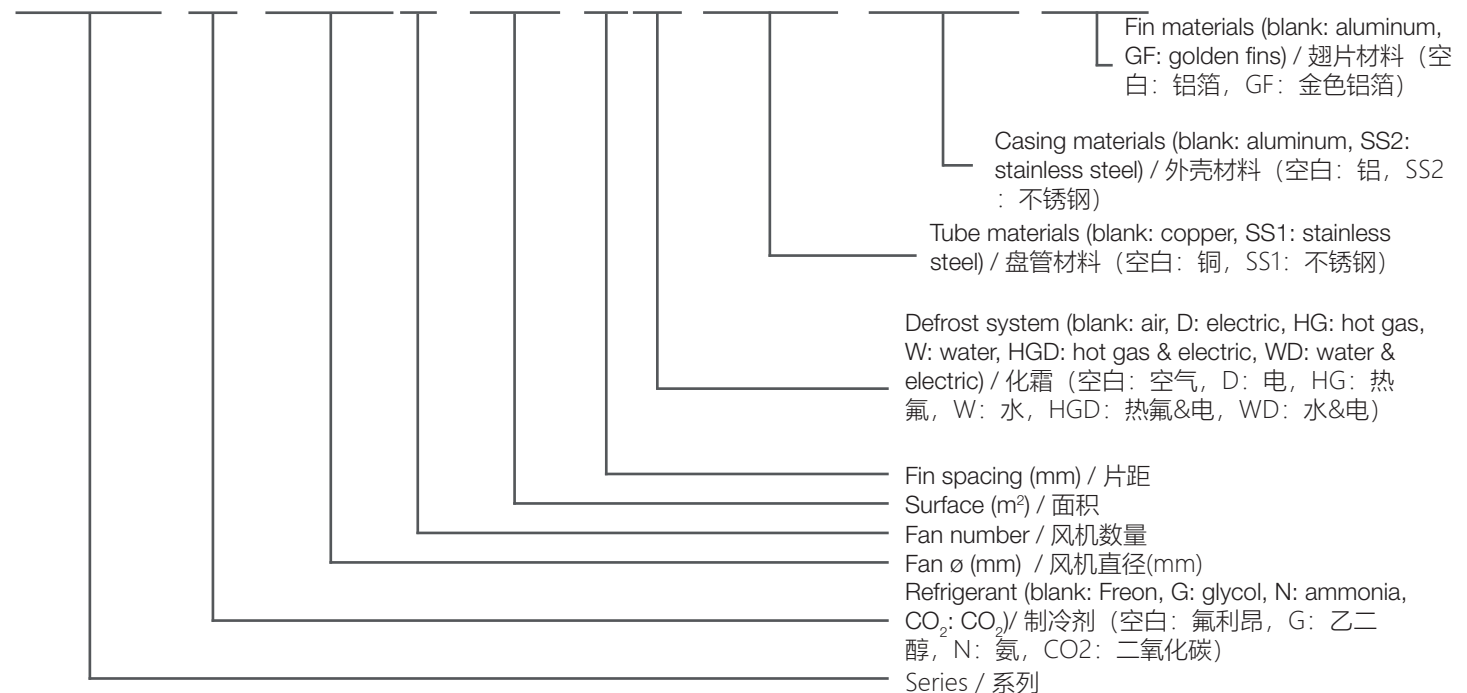
电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

所有电器有效接地。电线均接入防护等级IP65的电器盒内。

可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

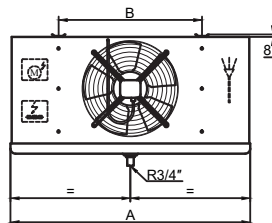
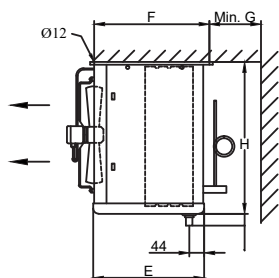
HEA N 2501 09 4D SS1 SS2 GF



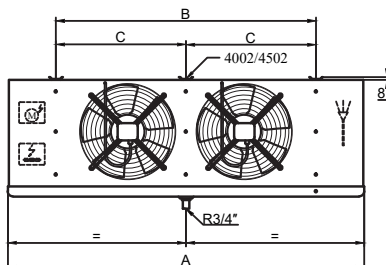
COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

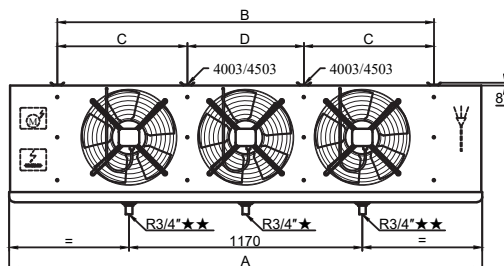
NH3



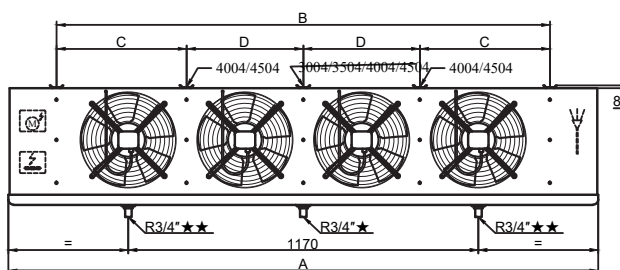
HEA N
2501/3001/3501/4001/4501



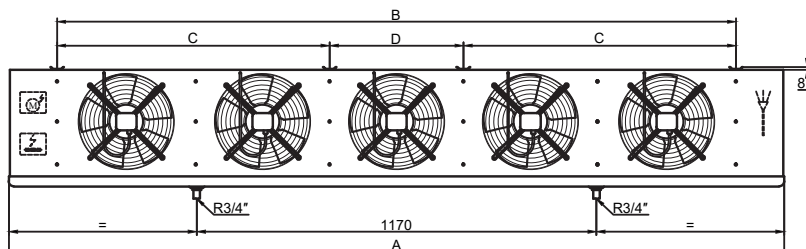
HEA N
2502/3002/3502/4002/4502



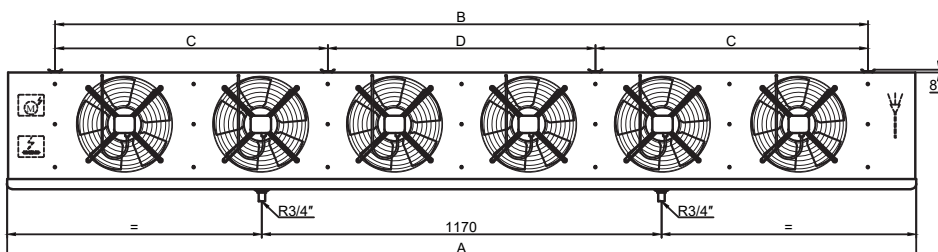
HEA N
★2503/3003/3503/4003
★★4503



HEA N
★2504/3004/3504
★★4004/4504



HEA N
2505/3005/3505



HEA N
2506/3006/3506

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

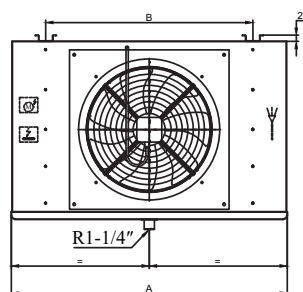
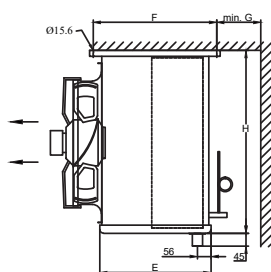
Model / 型号	Dimensions / 尺寸 (mm)							
	A	B	C	D	E	F	G	H
HEA N 2501...	702	420			325	375	200	350
HEA N 2502...	1094	812			325	375	200	350
HEA N 2503...	1486	1204			325	375	200	350
HEA N 2504...	1878	1596	798		325	375	200	350
HEA N 2505...	2270	1988	798	392	325	375	200	360
HEA N 2506...	2662	2380	798	784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

EVAPORATORS / 蒸发器 NH₃/CO₂

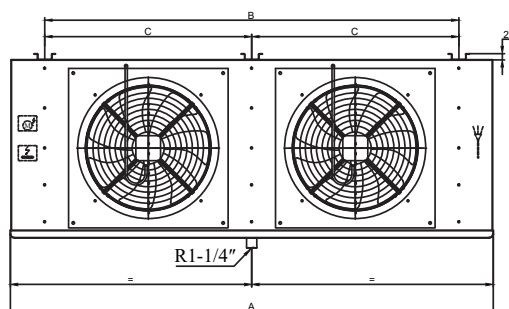
COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

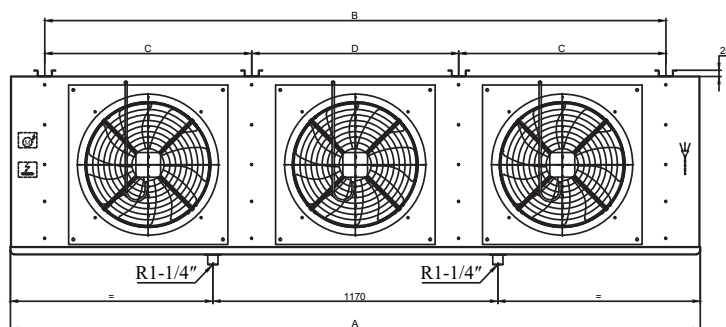
NH3



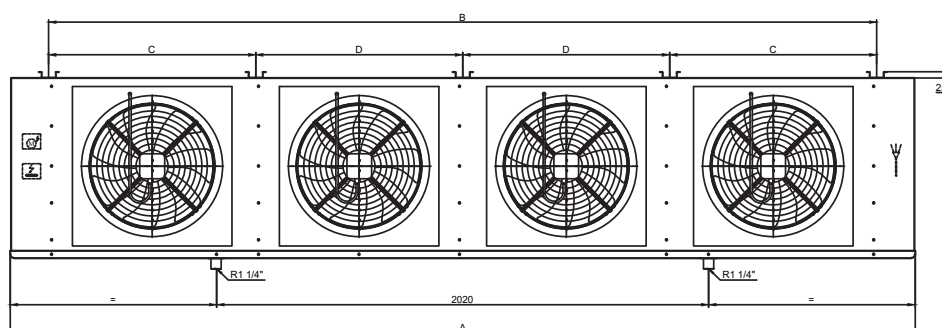
HEA N 5001



HEA N 5002



HEA N 5003



HEA N 5004

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

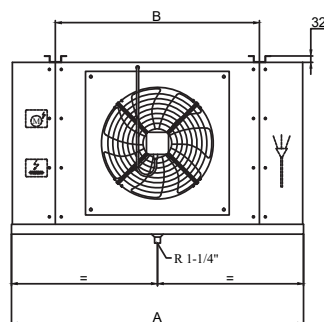
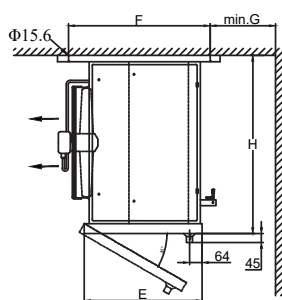
Model / 型号	Dimensions / 尺寸 (mm)					
	A	B	C	D	E	F
HEA N 5001...(4 rows)	1185	850		455	507	400
HEA N 5001...(6 rows)	1185	850		455	507	400
HEA N 5001...(8 rows)	1185	850		525	577	400
HEA N 5002...(4 rows)	2035	1700	850	455	507	400
HEA N 5002...(6 rows)	2035	1700	850	455	507	400
HEA N 5002...(8 rows)	2035	1700	850	525	577	400
HEA N 5003...(4 rows)	2885	2550	850	455	507	450
HEA N 5003...(6 rows)	2885	2550	850	455	507	450
HEA N 5003...(8 rows)	2885	2550	850	525	577	450
HEA N 5004...(4 rows)	3735	3400	850	455	507	450
HEA N 5004...(6 rows)	3735	3400	850	455	507	450
HEA N 5004...(8 rows)	3735	3400	850	525	577	450

EVAPORATORS / 蒸发器 NH₃/CO₂

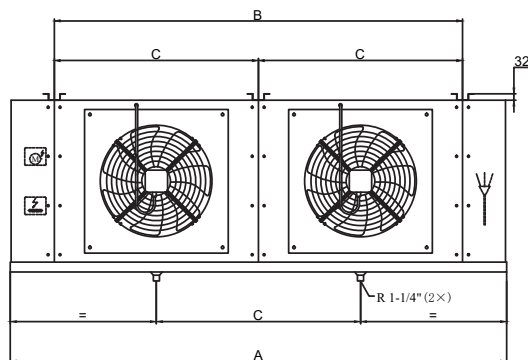
COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

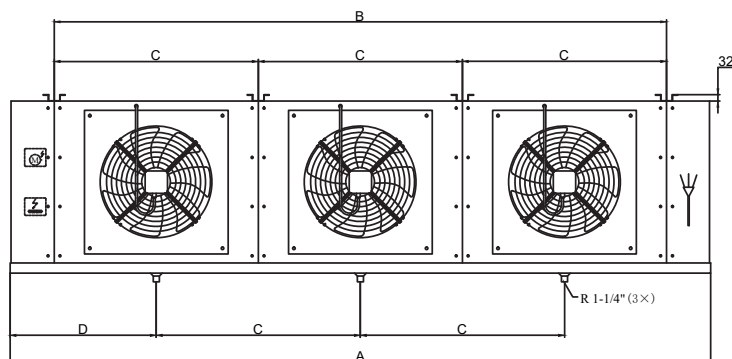
NH3



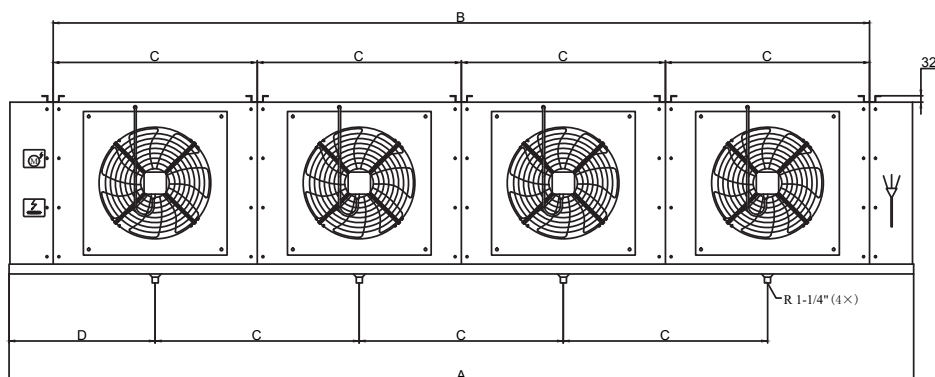
HEA N
5501/6301/8001



HEA N
5502/6302/8002



HEA N
5503/6303/8003



HEA N
5504/6304

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

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

EVAPORATORS / 蒸发器 NH₃/CO₂

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.

换热器宽度受其列数影响。列数可在之后的表格中查找。

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

NH3

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

片距4mm, 带电加热。库温>=0°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K					
HEA N 2501 09 4D	1.57	1.17	8.3	1.4	12	16	16
HEA N 2502 17 4D	3.15	2.37	16.7	2.8	21	16	16
HEA N 2503 26 4D	4.97	3.63	25.1	4.2	30	16	16
HEA N 2504 35 4D	6.59	4.87	33.5	5.6	38	16	22
HEA N 2505 41 4D	8.34	6.03	41.8	7.0	47	16	22
HEA N 2506 52 4D	9.97	7.01	50.2	8.5	56	16	22
HEA N 3001 12 4D	2.57	1.82	11.1	1.9	15	16	16
HEA N 3002 23 4D	5.21	3.73	22.3	3.8	25	16	16
HEA N 3003 35 4D	7.55	5.60	33.5	5.6	36	16	22
HEA N 3004 46 4D	10.48	7.56	44.6	7.5	47	16	22
HEA N 3005 56 4D	13.21	9.27	55.8	9.4	58	16	22
HEA N 3006 69 4D	15.76	11.39	67.0	11.3	68	16	27
HEA N 3501 14 4D	3.43	2.64	13.9	2.3	18	16	16
HEA N 3502 27 4D	7.28	5.39	27.9	4.7	33	16	22
HEA N 3503 41 4D	10.37	8.02	41.8	7.0	47	16	27
HEA N 3504 55 4D	14.64	10.88	55.8	9.4	62	16	27
HEA N 3505 70 4D	18.70	13.53	69.7	11.7	76	16	27
HEA N 3506 83 4D	21.62	16.33	83.7	14.1	91	16	34
HEA N 4001 20 4D	5.58	4.01	19.9	3.4	24	16	16
HEA N 4002 40 4D	11.05	8.03	39.0	6.6	42	16	22
HEA N 4003 54 4D	15.51	10.76	52.1	8.8	57	16	22
HEA N 4004 81 4D	22.46	16.05	78.1	13.2	80	16	27
HEA N 4501 31 4D	8.74	6.59	29.7	5.0	31	16	22
HEA N 4502 61 4D	17.55	13.26	59.5	10.0	57	16	34
HEA N 4503 92 4D	27.93	19.77	89.3	15.0	82	16	34
HEA N 4504 119 4D	35.16	26.61	119.1	20.0	107	22	42
HEA N 5001 39 4D	12.07	8.75	37.8	6.4	52	16	22
HEA N 5001 58 4D	14.98	10.94	56.6	9.5	61	16	27
*HEA N 5001 76 4D	16.52	12.21	75.5	12.7	62	16	34
HEA N 5002 81 4D	24.90	18.03	78.1	13.2	95	16	34
HEA N 5002 121 4D	31.32	22.39	117.2	19.7	115	22	34
*HEA N 5002 156 4D	34.08	25.23	156.2	26.3	125	22	42
HEA N 5003 122 4D	38.37	26.82	119.7	20.1	140	22	34
HEA N 5003 183 4D	47.79	34.18	179.5	30.2	169	22	42
*HEA N 5003 237 4D	52.42	38.26	237.0	39.9	191	22	48
HEA N 5004 159 4D	48.83	36.65	158.9	26.7	162	22	48
HEA N 5004 238 4D	63.61	45.58	238.3	40.1	208	27	48
*HEA N 5004 318 4D	66.82	50.20	317.7	53.5	252	27	76

*The coil has 8 rows.

*内芯列数为8。

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

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

片距4mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEA N 2501 09 4D	250	1	1 ~ 230	50	0.2	739	4	2 × 440	1 × 440	1320
HEA N 2502 17 4D	250	2	1 ~ 230	100	0.5	1481	5	2 × 730	1 × 730	2190
HEA N 2503 26 4D	250	3	1 ~ 230	150	0.7	2219	6	2 × 1030	1 × 1030	3090
HEA N 2504 35 4D	250	4	1 ~ 230	200	0.9	2960	7	2 × 1310	1 × 1310	3930
HEA N 2505 41 4D	250	5	1 ~ 230	250	1.2	3699	8	2 × 1600	1 × 1600	4800
HEA N 2506 52 4D	250	6	1 ~ 230	300	1.4	4438	10	2 × 1890	1 × 1890	5670
HEA N 3001 12 4D	300	1	1 ~ 230	72	0.3	1286	6	3 × 440	1 × 440	1760
HEA N 3002 23 4D	300	2	1 ~ 230	144	0.6	2575	7	3 × 730	1 × 730	2920
HEA N 3003 35 4D	300	3	1 ~ 230	216	1.0	3866	9	3 × 1030	1 × 1030	4120
HEA N 3004 46 4D	300	4	1 ~ 230	288	1.3	5152	10	3 × 1310	1 × 1310	5240
HEA N 3005 56 4D	300	5	1 ~ 230	360	1.6	6438	13	3 × 1600	1 × 1600	6400
HEA N 3006 69 4D	300	6	1 ~ 230	432	1.9	7729	15	3 × 1890	1 × 1890	7560
HEA N 3501 14 4D	350	1	1 ~ 230	130	0.6	1759	10	4 × 440	2 × 440	2640
HEA N 3502 27 4D	350	2	1 ~ 230	260	1.2	3518	13	4 × 730	2 × 730	4380
HEA N 3503 41 4D	350	3	1 ~ 230	390	1.7	5287	16	4 × 1030	2 × 1030	6180
HEA N 3504 55 4D	350	4	1 ~ 230	520	2.3	7041	19	4 × 1310	2 × 1310	7860
HEA N 3505 70 4D	350	5	1 ~ 230	650	2.9	8795	21	4 × 1600	2 × 1600	9600
HEA N 3506 83 4D	350	6	1 ~ 230	780	3.5	10569	23	4 × 1890	2 × 1890	11340
HEA N 4001 20 4D	400	1	1 ~ 230	160	0.7	3135	11	4 × 550	1 × 550	2750
HEA N 4002 40 4D	400	2	1 ~ 230	320	1.5	6210	13	4 × 1030	1 × 1030	5150
HEA N 4003 54 4D	400	3	1 ~ 230	480	2.2	8810	16	4 × 1310	1 × 1310	6550
HEA N 4004 81 4D	400	4	1 ~ 230	640	2.9	12418	19	4 × 1890	1 × 1890	9450
HEA N 4501 31 4D	450	1	3 ~ 400	460	1.0	5459	15	4 × 730	1 × 730	3650
HEA N 4502 61 4D	450	2	3 ~ 400	920	1.9	10923	18	4 × 1310	1 × 1310	6550
HEA N 4503 92 4D	450	3	3 ~ 400	1380	2.9	16367	21	4 × 1890	1 × 1890	9450
HEA N 4504 119 4D	450	4	3 ~ 400	1840	3.8	21850	23	4 × 2470	1 × 2470	12350
HEA N 5001 39 4D	500	1	3 ~ 400	820	1.6	7451	20	6 × 730	1 × 730	5110
HEA N 5001 58 4D	500	1	3 ~ 400	820	1.6	6669	17	7 × 730	2 × 730	6570
HEA N 5001 76 4D	500	1	3 ~ 400	820	1.6	6088	14	8 × 730	2 × 730	7300
HEA N 5002 81 4D	500	2	3 ~ 400	1640	3.2	15095	24	6 × 1400	1 × 1400	9800
HEA N 5002 121 4D	500	2	3 ~ 400	1640	3.2	13554	20	7 × 1400	2 × 1400	12600
HEA N 5002 156 4D	500	2	3 ~ 400	1640	3.2	12409	16	8 × 1400	2 × 1400	14000
HEA N 5003 122 4D	500	3	3 ~ 400	2460	4.8	22805	29	6 × 2050	1 × 2050	14350
HEA N 5003 183 4D	500	3	3 ~ 400	2460	4.8	20535	24	7 × 2050	2 × 2050	18450
HEA N 5003 237 4D	500	3	3 ~ 400	2460	4.8	18722	19	8 × 2050	2 × 2050	20500
HEA N 5004 159 4D	500	4	3 ~ 400	3280	6.4	30392	34	6 × 3390	1 × 3390	23730
HEA N 5004 238 4D	500	4	3 ~ 400	3280	6.4	27322	29	7 × 3390	2 × 3390	30510
HEA N 5004 318 4D	500	4	3 ~ 400	3280	6.4	25056	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ 蒸发器 NH3/CO2

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

NH3

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

片距4mm, 带电加热。库温>=0°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K						
HEA N 5501 51 4D	14.30	9.86	50.9	8.6	4	67	16	22
HEA N 5501 76 4D	18.08	12.72	76.4	12.9	6	83	16	27
HEA N 5501 102 4D	20.05	14.44	101.9	17.1	8	134	16	34
HEA N 5502 105 4D	28.71	20.80	104.7	17.6	4	162	22	34
HEA N 5502 157 4D	36.91	25.69	157.1	26.4	6	201	22	34
HEA N 5502 210 4D	39.96	29.58	209.5	35.3	8	244	22	60
HEA N 5503 159 4D	44.03	30.05	158.6	26.7	4	265	22	34
HEA N 5503 238 4D	55.29	39.96	237.8	40.0	6	323	22	60
HEA N 5503 317 4D	61.90	44.30	317.1	53.4	8	97	27	60
HEA N 5504 212 4D	58.03	42.01	212.4	35.7	4	117	22	60
HEA N 5504 319 4D	72.97	53.19	318.5	53.6	6	189	27	60
HEA N 5504 425 4D	80.75	59.83	424.7	71.5	8	231	27	76
HEA N 6301 73 4D	18.13	14.20	72.5	12.2	4	283	16	42
HEA N 6301 109 4D	25.47	18.79	108.8	18.3	6	342	16	42
HEA N 6301 145 4D	29.50	21.45	145.1	24.4	8	374	22	42
HEA N 6302 149 4D	42.59	30.09	148.5	25.0	4	454	22	42
HEA N 6302 223 4D	51.88	38.19	222.7	37.5	6	151	22	60
HEA N 6302 297 4D	60.01	43.73	297.0	50.0	8	186	27	60
HEA N 6303 224 4D	62.16	45.73	224.4	37.8	4	290	27	60
HEA N 6303 337 4D	81.40	57.65	336.6	56.7	6	364	27	60
HEA N 6303 449 4D	87.47	64.71	448.8	75.6	8	430	27	76
HEA N 6304 300 4D	85.95	60.84	300.4	50.6	4	539	27	60
HEA N 6304 451 4D	106.80	71.74	450.5	75.8	6	52	27	60
HEA N 6304 601 4D	121.02	88.28	600.7	101.1	8	104	27	76
HEA N 8001 118 4D	33.49	24.16	117.5	19.8	4	153	22	42
HEA N 8001 176 4D	42.08	30.53	176.3	29.7	6	205	22	48
HEA N 8001 235 4D	47.41	34.19	235.1	39.6	8	73	22	48
HEA N 8002 240 4D	68.91	47.65	239.8	40.4	4	147	27	48
HEA N 8002 360 4D	85.45	62.09	359.7	60.5	6	220	27	76
HEA N 8002 480 4D	96.36	69.66	479.6	80.7	8	290	27	76
HEA N 8003 362 4D	102.66	74.00	362.0	60.9	4	115	27	76
HEA N 8003 543 4D	128.81	93.64	543.0	91.4	6	225	27	76
HEA N 8003 724 4D	142.50	105.57	724.1	121.9	8	333	2 × 27	2 × 76

EVAPORATORS/ 蒸发器 NH3/CO2

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C
片距4mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HEA N 5501 51 4D	550	1	3 ~ 400	770	1.7	7862	16	4 × 1280	1 × 1280	6400
HEA N 5501 76 4D	550	1	3 ~ 400	770	1.7	7395	15	6 × 1280	2 × 1280	10240
HEA N 5501 102 4D	550	1	3 ~ 400	770	1.7	6900	14	8 × 1280	2 × 1280	12800
HEA N 5502 105 4D	550	2	3 ~ 400	1540	3.3	15818	19	4 × 2320	1 × 2320	11600
HEA N 5502 157 4D	550	2	3 ~ 400	1540	3.3	14928	18	6 × 2320	2 × 2320	18560
HEA N 5502 210 4D	550	2	3 ~ 400	1540	3.3	13967	17	8 × 2320	2 × 2320	23200
HEA N 5503 159 4D	550	3	3 ~ 400	2310	5.0	23761	22	4 × 3200	1 × 3200	16000
HEA N 5503 238 4D	550	3	3 ~ 400	2310	5.0	22452	21	6 × 3200	2 × 3200	25600
HEA N 5503 317 4D	550	3	3 ~ 400	2310	5.0	21023	20	8 × 3200	2 × 3200	32000
HEA N 5504 212 4D	550	4	3 ~ 400	3080	6.6	31722	28	4 × 4260	1 × 4260	21300
HEA N 5504 319 4D	550	4	3 ~ 400	3080	6.6	29975	26	6 × 4260	2 × 4260	34080
HEA N 5504 425 4D	550	4	3 ~ 400	3080	6.6	28093	24	8 × 4260	2 × 4260	42600
HEA N 6301 73 4D	630	1	3 ~ 400	1100	2.2	11690	19	5 × 1510	1 × 1510	9060
HEA N 6301 109 4D	630	1	3 ~ 400	1100	2.2	10958	18	7 × 1510	2 × 1510	13590
HEA N 6301 145 4D	630	1	3 ~ 400	1100	2.2	10330	17	9 × 1510	2 × 1510	16610
HEA N 6302 149 4D	630	2	3 ~ 400	2200	4.4	23457	22	5 × 2740	1 × 2740	16440
HEA N 6302 223 4D	630	2	3 ~ 400	2200	4.4	22072	21	7 × 2740	2 × 2740	24660
HEA N 6302 297 4D	630	2	3 ~ 400	2200	4.4	20834	20	9 × 2740	2 × 2740	30140
HEA N 6303 224 4D	630	3	3 ~ 400	3300	6.6	35254	28	5 × 3800	1 × 3800	22800
HEA N 6303 337 4D	630	3	3 ~ 400	3300	6.6	33167	26	7 × 3800	2 × 3800	34200
HEA N 6303 449 4D	630	3	3 ~ 400	3300	6.6	31345	24	9 × 3800	2 × 3800	41800
HEA N 6304 300 4D	630	4	3 ~ 400	4400	8.8	47022	33	5 × 5060	1 × 5060	30360
HEA N 6304 451 4D	630	4	3 ~ 400	4400	8.8	44265	31	7 × 5060	2 × 5060	45540
HEA N 6304 601 4D	630	4	3 ~ 400	4400	8.8	41837	29	9 × 5060	2 × 5060	55660
HEA N 8001 118 4D	800	1	3 ~ 400	1600	3.5	18847	25	7 × 1700	1 × 1700	13600
HEA N 8001 176 4D	800	1	3 ~ 400	1600	3.5	17624	23	10 × 1700	2 × 1700	20400
HEA N 8001 235 4D	800	1	3 ~ 400	1600	3.5	16385	21	16 × 1700	2 × 1700	30600
HEA N 8002 240 4D	800	2	3 ~ 400	3200	7.0	37870	29	7 × 2810	1 × 2810	22480
HEA N 8002 360 4D	800	2	3 ~ 400	3200	7.0	35469	27	10 × 2810	2 × 2810	33720
HEA N 8002 480 4D	800	2	3 ~ 400	3200	7.0	33072	25	16 × 2810	2 × 2810	50580
HEA N 8003 362 4D	800	3	3 ~ 400	4800	10.5	56921	34	7 × 4420	1 × 4420	35360
HEA N 8003 543 4D	800	3	3 ~ 400	4800	10.5	53304	32	10 × 4420	2 × 4420	53040
HEA N 8003 724 4D	800	3	3 ~ 400	4800	10.5	49771	30	16 × 4420	2 × 4420	79560

EVAPORATORS/ 蒸发器 NH3/CO2

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

NH3

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

片距6mm, 带电化霜库温>=-18°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K					
HEA N 2501 06 6D	1.34	1.00	5.7	1.4	12	16	16
HEA N 2502 11 6D	2.70	2.01	11.5	2.8	20	16	16
HEA N 2503 17 6D	4.30	3.12	17.3	4.2	29	16	16
HEA N 2504 23 6D	5.68	4.15	23.0	5.6	37	16	22
HEA N 2505 29 6D	7.24	5.21	28.8	7.0	45	16	22
HEA N 2506 35 6D	8.72	6.14	34.5	8.5	54	16	22
HEA N 3001 08 6D	2.17	1.55	7.6	1.9	14	16	16
HEA N 3002 15 6D	4.37	3.16	15.3	3.8	25	16	16
HEA N 3003 23 6D	6.29	4.68	23.0	5.6	35	16	22
HEA N 3004 31 6D	8.79	6.38	30.7	7.5	45	16	22
HEA N 3005 38 6D	11.17	7.95	38.4	9.4	55	16	22
HEA N 3006 46 6D	13.20	9.61	46.1	11.3	66	16	27
HEA N 3501 10 6D	2.96	2.28	9.6	2.3	18	16	16
HEA N 3502 19 6D	6.32	4.70	19.2	4.7	32	16	22
HEA N 3503 28 6D	8.94	6.91	28.8	7.0	46	16	27
HEA N 3504 38 6D	12.70	9.47	38.4	9.4	60	16	27
HEA N 3505 48 6D	16.33	11.90	48.0	11.7	74	16	27
HEA N 3506 57 6D	18.71	14.15	57.6	14.1	88	16	34
HEA N 4001 13 6D	4.65	3.37	13.7	3.4	23	16	16
HEA N 4002 27 6D	9.20	6.71	26.8	6.6	41	16	22
HEA N 4003 36 6D	13.12	9.25	35.8	8.8	55	16	22
HEA N 4004 54 6D	18.77	13.53	53.7	13.2	78	16	27
HEA N 4501 20 6D	7.18	5.43	20.4	5.0	30	16	22
HEA N 4502 41 6D	14.40	10.90	40.9	10.0	54	16	34
HEA N 4503 61 6D	23.19	16.62	61.4	15.0	79	16	34
HEA N 4504 82 6D	28.85	21.86	81.9	20.0	103	22	42
HEA N 5001 26 6D	10.00	7.30	26.0	6.4	51	16	22
HEA N 5001 39 6D	13.00	9.54	39.0	9.5	59	16	27
*HEA N 5001 52 6D	14.93	11.01	51.9	12.7	59	16	34
HEA N 5002 54 6D	20.62	15.02	53.7	13.2	93	16	34
HEA N 5002 81 6D	27.33	19.69	80.6	19.7	110	22	34
*HEA N 5002 108 6D	30.77	22.74	107.5	26.3	120	22	42
HEA N 5003 82 6D	31.99	22.72	82.3	20.1	135	22	34
HEA N 5003 122 6D	41.69	30.05	123.5	30.2	162	22	42
*HEA N 5003 163 6D	47.57	34.76	163.0	39.9	182	22	48
HEA N 5004 109 6D	40.16	30.19	109.3	26.7	156	22	48
HEA N 5004 164 6D	55.47	40.04	163.9	40.1	199	27	48
*HEA N 5004 219 6D	59.99	45.19	218.5	53.5	240	27	76

*The coil has 8 rows.

*内芯列数为8。

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C
片距6mm, 带电化霜库温>=-18°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEA N 2501 06 6D	250	1	1 ~ 230	50	0.2	801	4	2 × 440	1 × 440	1320
HEA N 2502 11 6D	250	2	1 ~ 230	100	0.5	1605	5	2 × 730	1 × 730	2190
HEA N 2503 17 6D	250	3	1 ~ 230	150	0.7	2405	6	2 × 1030	1 × 1030	3090
HEA N 2504 23 6D	250	4	1 ~ 230	200	0.9	3208	7	2 × 1310	1 × 1310	3930
HEA N 2505 29 6D	250	5	1 ~ 230	250	1.2	4008	8	2 × 1600	1 × 1600	4800
HEA N 2506 35 6D	250	6	1 ~ 230	300	1.4	4808	10	2 × 1890	1 × 1890	5670
HEA N 3001 08 6D	300	1	1 ~ 230	72	0.3	1349	6	3 × 440	1 × 440	1760
HEA N 3002 15 6D	300	2	1 ~ 230	144	0.6	2700	7	3 × 730	1 × 730	2920
HEA N 3003 23 6D	300	3	1 ~ 230	216	1.0	4054	9	3 × 1030	1 × 1030	4120
HEA N 3004 31 6D	300	4	1 ~ 230	288	1.3	5401	11	3 × 1310	1 × 1310	5240
HEA N 3005 38 6D	300	5	1 ~ 230	360	1.6	6749	13	3 × 1600	1 × 1600	6400
HEA N 3006 46 6D	300	6	1 ~ 230	432	1.9	8103	15	3 × 1890	1 × 1890	7560
HEA N 3501 10 6D	350	1	1 ~ 230	130	0.6	1920	10	4 × 440	2 × 440	2640
HEA N 3502 19 6D	350	2	1 ~ 230	260	1.2	3838	14	4 × 730	2 × 730	4380
HEA N 3503 28 6D	350	3	1 ~ 230	390	1.7	5770	16	4 × 1030	2 × 1030	6180
HEA N 3504 38 6D	350	4	1 ~ 230	520	2.3	7681	20	4 × 1310	2 × 1310	7860
HEA N 3505 48 6D	350	5	1 ~ 230	650	2.9	9594	22	4 × 1600	2 × 1600	9600
HEA N 3506 57 6D	350	6	1 ~ 230	780	3.5	11531	24	4 × 1890	2 × 1890	11340
HEA N 4001 13 6D	400	1	1 ~ 230	160	0.7	3290	11	4 × 550	1 × 550	2750
HEA N 4002 27 6D	400	2	1 ~ 230	320	1.5	6529	14	4 × 1030	1 × 1030	5150
HEA N 4003 36 6D	400	3	1 ~ 230	480	2.2	9356	16	4 × 1310	1 × 1310	6550
HEA N 4004 54 6D	400	4	1 ~ 230	640	2.9	13056	19	4 × 1890	1 × 1890	9450
HEA N 4501 20 6D	450	1	3 ~ 400	460	1.0	5688	15	4 × 730	1 × 730	3650
HEA N 4502 41 6D	450	2	3 ~ 400	920	1.9	11380	18	4 × 1310	1 × 1310	6550
HEA N 4503 61 6D	450	3	3 ~ 400	1380	2.9	17051	22	4 × 1890	1 × 1890	9450
HEA N 4504 82 6D	450	4	3 ~ 400	1840	3.8	22764	24	4 × 2470	1 × 2470	12350
HEA N 5001 26 6D	500	1	3 ~ 400	820	1.6	7805	24	6 × 730	1 × 730	5110
HEA N 5001 39 6D	500	1	3 ~ 400	820	1.6	7086	21	7 × 730	2 × 730	6570
HEA N 5001 52 6D	500	1	3 ~ 400	820	1.6	6521	18	8 × 730	2 × 730	7300
HEA N 5002 54 6D	500	2	3 ~ 400	1640	3.2	15784	24	6 × 1400	1 × 1400	9800
HEA N 5002 81 6D	500	2	3 ~ 400	1640	3.2	14377	20	7 × 1400	2 × 1400	12600
HEA N 5002 108 6D	500	2	3 ~ 400	1640	3.2	13264	16	8 × 1400	2 × 1400	14000
HEA N 5003 82 6D	500	3	3 ~ 400	2460	4.8	23823	29	6 × 2050	1 × 2050	14350
HEA N 5003 122 6D	500	3	3 ~ 400	2460	4.8	21762	24	7 × 2050	2 × 2050	18450
HEA N 5003 163 6D	500	3	3 ~ 400	2460	4.8	19997	19	8 × 2050	2 × 2050	20500
HEA N 5004 109 6D	500	4	3 ~ 400	3280	6.4	31757	34	6 × 3390	1 × 3390	23730
HEA N 5004 164 6D	500	4	3 ~ 400	3280	6.4	28960	29	7 × 3390	2 × 3390	30510
HEA N 5004 219 6D	500	4	3 ~ 400	3280	6.4	26760	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ 蒸发器 NH3/CO2

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

NH3

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

片距6mm, 带电化霜库温>=-18°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K						
HEA N 5501 35 6D	11.88	8.34	35.0	8.6	4	64	16	22
HEA N 5501 53 6D	15.67	11.13	52.6	12.9	6	79	16	27
HEA N 5501 70 6D	18.18	13.13	70.1	17.1	8	128	16	34
HEA N 5502 72 6D	23.52	17.12	72.0	17.6	4	154	22	34
HEA N 5502 108 6D	32.04	22.58	108.1	26.4	6	192	22	34
HEA N 5502 144 6D	35.91	26.42	144.1	35.3	8	232	22	60
HEA N 5503 109 6D	36.69	25.57	109.1	26.7	4	253	22	34
HEA N 5503 164 6D	47.50	34.45	163.6	40.0	6	307	22	60
HEA N 5503 218 6D	56.29	40.33	218.1	53.4	8	93	27	60
HEA N 5504 146 6D	47.54	34.58	146.1	35.7	4	111	22	60
HEA N 5504 219 6D	62.49	45.59	219.1	53.6	6	180	27	60
HEA N 5504 292 6D	72.59	53.40	292.1	71.5	8	220	27	76
HEA N 6301 50 6D	14.69	11.47	49.9	12.2	4	270	16	42
HEA N 6301 75 6D	21.78	16.10	74.8	18.3	6	325	16	42
HEA N 6301 100 6D	26.45	19.25	99.8	24.4	8	357	22	42
HEA N 6302 102 6D	35.07	25.03	102.1	25.0	4	431	22	42
HEA N 6302 153 6D	44.33	32.72	153.2	37.5	6	145	22	60
HEA N 6302 204 6D	53.79	39.22	204.3	50.0	8	177	27	60
HEA N 6303 154 6D	50.72	37.36	154.4	37.8	4	276	27	60
HEA N 6303 232 6D	70.37	50.28	231.5	56.7	6	346	27	60
HEA N 6303 309 6D	77.82	57.43	308.7	75.6	8	409	27	76
HEA N 6304 207 6D	70.73	50.56	206.6	50.6	4	511	27	60
HEA N 6304 310 6D	93.65	64.10	309.9	75.8	6	50	27	60
HEA N 6304 413 6D	108.47	79.19	413.2	101.1	8	100	27	76
HEA N 8001 81 6D	27.56	19.98	80.8	19.8	4	147	22	42
HEA N 8001 121 6D	36.11	26.29	121.3	29.7	6	197	22	48
HEA N 8001 162 6D	43.12	31.05	161.7	39.6	8	70	22	48
HEA N 8002 165 6D	57.35	40.33	164.9	40.4	4	141	27	48
HEA N 8002 247 6D	73.30	53.46	247.4	60.5	6	211	27	76
HEA N 8002 330 6D	87.57	63.12	329.9	80.7	8	278	27	76
HEA N 8003 249 6D	84.41	61.11	249.0	60.9	4	110	27	76
HEA N 8003 374 6D	110.49	80.64	373.5	91.4	6	215	27	76
HEA N 8003 498 6D	128.38	94.30	498.0	121.9	8	320	2 × 27	2 × 76

EVAPORATORS/ 蒸发器 NH3/CO2

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C
片距6mm, 带电化霜库温>=-18°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HEA N 5501 35 6D	550	1	3 ~ 400	770	1.7	8065	17	4 × 1280	1 × 1280	6400
HEA N 5501 53 6D	550	1	3 ~ 400	770	1.7	7659	16	6 × 1280	2 × 1280	10240
HEA N 5501 70 6D	550	1	3 ~ 400	770	1.7	7269	15	8 × 1280	2 × 1280	12800
HEA N 5502 72 6D	550	2	3 ~ 400	1540	3.3	16220	20	4 × 2320	1 × 2320	11600
HEA N 5502 108 6D	550	2	3 ~ 400	1540	3.3	15416	19	6 × 2320	2 × 2320	18560
HEA N 5502 144 6D	550	2	3 ~ 400	1540	3.3	14698	18	8 × 2320	2 × 2320	23200
HEA N 5503 109 6D	550	3	3 ~ 400	2310	5.0	24358	23	4 × 3200	1 × 3200	16000
HEA N 5503 164 6D	550	3	3 ~ 400	2310	5.0	23179	22	6 × 3200	2 × 3200	25600
HEA N 5503 218 6D	550	3	3 ~ 400	2310	5.0	22113	21	8 × 3200	2 × 3200	32000
HEA N 5504 146 6D	550	4	3 ~ 400	3080	6.6	32518	27	4 × 4260	1 × 4260	21300
HEA N 5504 219 6D	550	4	3 ~ 400	3080	6.6	30941	26	6 × 4260	2 × 4260	34080
HEA N 5504 292 6D	550	4	3 ~ 400	3080	6.6	29548	25	8 × 4260	2 × 4260	42600
HEA N 6301 50 6D	630	1	3 ~ 400	1100	2.2	11988	20	5 × 1510	1 × 1510	9060
HEA N 6301 75 6D	630	1	3 ~ 400	1100	2.2	11363	19	7 × 1510	2 × 1510	13590
HEA N 6301 100 6D	630	1	3 ~ 400	1100	2.2	10798	18	9 × 1510	2 × 1510	16610
HEA N 6302 102 6D	630	2	3 ~ 400	2200	4.4	24032	23	5 × 2740	1 × 2740	16440
HEA N 6302 153 6D	630	2	3 ~ 400	2200	4.4	22853	22	7 × 2740	2 × 2740	24660
HEA N 6302 204 6D	630	2	3 ~ 400	2200	4.4	21756	21	9 × 2740	2 × 2740	30140
HEA N 6303 154 6D	630	3	3 ~ 400	3300	6.6	36099	27	5 × 3800	1 × 3800	22800
HEA N 6303 232 6D	630	3	3 ~ 400	3300	6.6	34324	26	7 × 3800	2 × 3800	34200
HEA N 6303 309 6D	630	3	3 ~ 400	3300	6.6	32725	25	9 × 3800	2 × 3800	41800
HEA N 6304 207 6D	630	4	3 ~ 400	4400	8.8	48139	34	5 × 5060	1 × 5060	30360
HEA N 6304 310 6D	630	4	3 ~ 400	4400	8.8	45797	32	7 × 5060	2 × 5060	45540
HEA N 6304 413 6D	630	4	3 ~ 400	4400	8.8	43668	30	9 × 5060	2 × 5060	55660
HEA N 8001 81 6D	800	1	3 ~ 400	1600	3.5	19446	25	7 × 1700	1 × 1700	13600
HEA N 8001 121 6D	800	1	3 ~ 400	1600	3.5	18267	24	10 × 1700	2 × 1700	20400
HEA N 8001 162 6D	800	1	3 ~ 400	1600	3.5	17348	23	16 × 1700	2 × 1700	30600
HEA N 8002 165 6D	800	2	3 ~ 400	3200	7.0	39041	29	7 × 2810	1 × 2810	22480
HEA N 8002 247 6D	800	2	3 ~ 400	3200	7.0	36720	28	10 × 2810	2 × 2810	33720
HEA N 8002 330 6D	800	2	3 ~ 400	3200	7.0	34951	27	16 × 2810	2 × 2810	50580
HEA N 8003 249 6D	800	3	3 ~ 400	4800	10.5	58660	34	7 × 4420	1 × 4420	35360
HEA N 8003 374 6D	800	3	3 ~ 400	4800	10.5	55178	33	10 × 4420	2 × 4420	53040
HEA N 8003 498 6D	800	3	3 ~ 400	4800	10.5	52548	32	16 × 4420	2 × 4420	79560

EVAPORATORS/ 蒸发器 NH3/CO2

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

NH3

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

片距9mm, 带电加热。库温>=-35°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K					
HEA N 2501 04 9D	1.09	0.81	4.0	1.4	11	16	16
HEA N 2502 08 9D	2.18	1.62	8.0	2.8	19	16	16
HEA N 2503 12 9D	3.50	2.55	12.0	4.2	27	16	16
HEA N 2504 16 9D	4.61	3.38	16.1	5.6	36	16	22
HEA N 2505 20 9D	5.91	4.28	20.1	7.0	44	16	22
HEA N 2506 24 9D	7.15	5.11	24.1	8.5	51	16	22
HEA N 3001 06 9D	1.76	1.27	5.3	1.9	14	16	16
HEA N 3002 10 9D	3.54	2.57	10.7	3.8	24	16	16
HEA N 3003 16 9D	5.06	3.76	16.0	5.6	33	16	22
HEA N 3004 21 9D	7.11	5.19	21.4	7.5	43	16	22
HEA N 3005 27 9D	9.09	6.55	26.8	9.4	53	16	22
HEA N 3006 31 9D	10.68	7.80	32.1	11.3	63	16	27
HEA N 3501 07 9D	2.46	1.89	6.7	2.3	17	16	16
HEA N 3502 13 9D	5.28	3.92	13.4	4.7	31	16	22
HEA N 3503 20 9D	7.42	5.71	20.1	7.0	44	16	27
HEA N 3504 27 9D	10.60	7.87	26.8	9.4	57	16	27
HEA N 3505 34 9D	13.69	10.00	33.5	11.7	70	16	27
HEA N 3506 40 9D	15.58	11.73	40.2	14.1	84	16	34
HEA N 4001 09 9D	3.74	2.72	9.6	3.4	22	16	16
HEA N 4002 18 9D	7.39	5.41	18.7	6.6	39	16	22
HEA N 4003 24 9D	10.66	7.63	25.0	8.8	53	16	22
HEA N 4004 36 9D	15.11	10.98	37.5	13.2	74	16	27
HEA N 4501 14 9D	5.71	4.31	14.3	5.0	28	16	22
HEA N 4502 28 9D	11.45	8.66	28.5	10.0	51	16	34
HEA N 4503 41 9D	18.59	13.45	42.8	15.0	74	16	34
HEA N 4504 57 9D	22.92	17.35	57.1	20.0	97	22	42
HEA N 5001 17 9D	8.01	5.87	18.1	6.4	49	16	22
HEA N 5001 26 9D	10.82	7.96	27.2	9.5	57	16	27
*HEA N 5001 36 9D	12.88	9.51	36.2	12.7	56	16	34
HEA N 5002 36 9D	16.48	12.04	37.5	13.2	89	16	34
HEA N 5002 54 9D	22.84	16.56	56.2	19.7	105	22	34
*HEA N 5002 75 9D	26.53	19.59	75.0	26.3	112	22	42
HEA N 5003 54 9D	25.70	18.47	57.4	20.1	129	22	34
HEA N 5003 82 9D	34.82	25.26	86.1	30.2	154	22	42
*HEA N 5003 114 9D	41.19	30.19	113.7	39.9	170	22	48
HEA N 5004 76 9D	31.92	23.96	76.2	26.7	149	22	48
HEA N 5004 114 9D	46.32	33.64	114.3	40.1	188	27	48
*HEA N 5004 152 9D	51.50	38.83	152.4	53.5	225	27	76

*The coil has 8 rows.

*内芯列数为8。

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C
片距9mm, 带电加热。库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEA N 2501 04 9D	250	1	1 ~ 230	50	0.2	838	4	2 × 440	1 × 440	1320
HEA N 2502 08 9D	250	2	1 ~ 230	100	0.5	1677	5	2 × 730	1 × 730	2190
HEA N 2503 12 9D	250	3	1 ~ 230	150	0.7	2514	6	2 × 1030	1 × 1030	3090
HEA N 2504 16 9D	250	4	1 ~ 230	200	0.9	3353	7	2 × 1310	1 × 1310	3930
HEA N 2505 20 9D	250	5	1 ~ 230	250	1.2	4190	9	2 × 1600	1 × 1600	4800
HEA N 2506 24 9D	250	6	1 ~ 230	300	1.4	5027	10	2 × 1890	1 × 1890	5670
HEA N 3001 06 9D	300	1	1 ~ 230	72	0.3	1411	6	3 × 440	1 × 440	1760
HEA N 3002 10 9D	300	2	1 ~ 230	144	0.6	2824	7	3 × 730	1 × 730	2920
HEA N 3003 16 9D	300	3	1 ~ 230	216	1.0	4240	9	3 × 1030	1 × 1030	4120
HEA N 3004 21 9D	300	4	1 ~ 230	288	1.3	5649	11	3 × 1310	1 × 1310	5240
HEA N 3005 27 9D	300	5	1 ~ 230	360	1.6	7059	13	3 × 1600	1 × 1600	6400
HEA N 3006 31 9D	300	6	1 ~ 230	432	1.9	8474	15	3 × 1890	1 × 1890	7560
HEA N 3501 07 9D	350	1	1 ~ 230	130	0.6	2084	11	4 × 440	2 × 440	2640
HEA N 3502 13 9D	350	2	1 ~ 230	260	1.2	4165	14	4 × 730	2 × 730	4380
HEA N 3503 20 9D	350	3	1 ~ 230	390	1.7	6264	17	4 × 1030	2 × 1030	6180
HEA N 3504 27 9D	350	4	1 ~ 230	520	2.3	8336	20	4 × 1310	2 × 1310	7860
HEA N 3505 34 9D	350	5	1 ~ 230	650	2.9	10411	22	4 × 1600	2 × 1600	9600
HEA N 3506 40 9D	350	6	1 ~ 230	780	3.5	12516	24	4 × 1890	2 × 1890	11340
HEA N 4001 09 9D	400	1	1 ~ 230	160	0.7	3434	11	4 × 550	1 × 550	2750
HEA N 4002 18 9D	400	2	1 ~ 230	320	1.5	6821	14	4 × 1030	1 × 1030	5150
HEA N 4003 24 9D	400	3	1 ~ 230	480	2.2	9827	16	4 × 1310	1 × 1310	6550
HEA N 4004 36 9D	400	4	1 ~ 230	640	2.9	13639	20	4 × 1890	1 × 1890	9450
HEA N 4501 14 9D	450	1	3 ~ 400	460	1.0	5904	15	4 × 730	1 × 730	3650
HEA N 4502 28 9D	450	2	3 ~ 400	920	1.9	11811	18	4 × 1310	1 × 1310	6550
HEA N 4503 41 9D	450	3	3 ~ 400	1380	2.9	17696	22	4 × 1890	1 × 1890	9450
HEA N 4504 57 9D	450	4	3 ~ 400	1840	3.8	23625	24	4 × 2470	1 × 2470	12350
HEA N 5001 17 9D	500	1	3 ~ 400	820	1.6	8128	26	6 × 730	1 × 730	5110
HEA N 5001 26 9D	500	1	3 ~ 400	820	1.6	7486	23	7 × 730	2 × 730	6570
HEA N 5001 36 9D	500	1	3 ~ 400	820	1.6	6940	20	8 × 730	2 × 730	7300
HEA N 5002 36 9D	500	2	3 ~ 400	1640	3.2	16401	24	6 × 1400	1 × 1400	9800
HEA N 5002 54 9D	500	2	3 ~ 400	1640	3.2	15153	20	7 × 1400	2 × 1400	12600
HEA N 5002 75 9D	500	2	3 ~ 400	1640	3.2	14095	16	8 × 1400	2 × 1400	14000
HEA N 5003 54 9D	500	3	3 ~ 400	2460	4.8	24716	29	6 × 2050	1 × 2050	14350
HEA N 5003 82 9D	500	3	3 ~ 400	2460	4.8	22900	24	7 × 2050	2 × 2050	18450
HEA N 5003 114 9D	500	3	3 ~ 400	2460	4.8	21239	19	8 × 2050	2 × 2050	20500
HEA N 5004 76 9D	500	4	3 ~ 400	3280	6.4	32953	34	6 × 3390	1 × 3390	23730
HEA N 5004 114 9D	500	4	3 ~ 400	3280	6.4	30485	29	7 × 3390	2 × 3390	30510
HEA N 5004 152 9D	500	4	3 ~ 400	3280	6.4	28420	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ 蒸发器 NH3/CO2

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

NH3

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

片距9mm, 带电加热。库温>=-35°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K						
HEA N 5501 24 9D	9.51	6.78	24.4	8.6	4	60	16	22
HEA N 5501 37 9D	13.00	9.33	36.7	12.9	6	74	16	27
HEA N 5501 49 9D	15.68	11.33	48.9	17.1	8	120	16	34
HEA N 5502 50 9D	30.67	22.48	100.5	35.3	4	144	22	34
HEA N 5502 75 9D	18.64	13.61	50.2	17.6	6	180	22	34
HEA N 5502 101 9D	26.66	19.03	75.4	26.4	8	217	22	60
HEA N 5503 76 9D	29.45	20.89	76.1	26.7	4	238	22	34
HEA N 5503 114 9D	39.16	28.51	114.1	40.0	6	286	22	60
HEA N 5503 152 9D	48.53	34.95	152.1	53.4	8	88	27	60
HEA N 5504 102 9D	37.66	27.47	101.9	35.7	4	105	22	60
HEA N 5504 153 9D	51.40	37.55	152.8	53.6	6	170	27	60
HEA N 5504 204 9D	61.94	45.43	203.7	71.5	8	206	27	76
HEA N 6301 35 9D	11.52	8.97	34.8	12.2	4	254	16	42
HEA N 6301 52 9D	17.87	13.24	52.2	18.3	6	304	16	42
HEA N 6301 70 9D	22.65	16.52	69.6	24.4	8	336	22	42
HEA N 6302 71 9D	27.79	20.02	71.2	25.0	4	402	22	42
HEA N 6302 107 9D	36.38	26.88	106.8	37.5	6	136	22	60
HEA N 6302 143 9D	46.05	33.61	142.5	50.0	8	166	27	60
HEA N 6303 108 9D	39.92	29.42	107.7	37.8	4	259	27	60
HEA N 6303 162 9D	58.28	42.00	161.5	56.7	6	323	27	60
HEA N 6303 215 9D	66.21	48.90	215.3	75.6	8	383	27	76
HEA N 6304 144 9D	56.02	40.38	144.1	50.6	4	477	27	60
HEA N 6304 216 9D	78.53	54.83	216.1	75.8	6	47	27	60
HEA N 6304 288 9D	92.83	67.80	288.2	101.1	8	95	27	76
HEA N 8001 56 9D	21.88	15.92	56.4	19.8	4	140	22	42
HEA N 8001 85 9D	29.81	21.77	84.6	29.7	6	187	22	48
HEA N 8001 113 9D	37.10	26.83	112.8	39.6	8	67	22	48
HEA N 8002 115 9D	45.92	32.79	115.0	40.4	4	134	27	48
HEA N 8002 173 9D	60.53	44.25	172.5	60.5	6	200	27	76
HEA N 8002 230 9D	75.26	54.54	230.1	80.7	8	264	27	76
HEA N 8003 174 9D	66.95	48.68	173.7	60.9	4	105	27	76
HEA N 8003 261 9D	91.24	66.72	260.5	91.4	6	204	27	76
HEA N 8003 347 9D	109.56	80.45	347.4	121.9	8	303	2 × 27	2 × 76

EVAPORATORS/ 蒸发器 NH3/CO2

HEA N SERIES EVAPORATOR

蒸发器系列 HEA N

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C
片距9mm, 带电加热。库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HEA 5501 24 9D	550	1	3 ~ 400	770	1.7	8257	17	4 × 1280	1 × 1280	6400
HEA 5501 37 9D	550	1	3 ~ 400	770	1.7	7884	16	6 × 1280	2 × 1280	10240
HEA 5501 49 9D	550	1	3 ~ 400	770	1.7	7581	16	8 × 1280	2 × 1280	12800
HEA 5502 50 9D	550	2	3 ~ 400	1540	3.3	16586	21	4 × 2320	1 × 2320	11600
HEA 5502 75 9D	550	2	3 ~ 400	1540	3.3	15857	20	6 × 2320	2 × 2320	18560
HEA 5502 101 9D	550	2	3 ~ 400	1540	3.3	15254	19	8 × 2320	2 × 2320	23200
HEA 5503 76 9D	550	3	3 ~ 400	2310	5.0	24903	24	4 × 3200	1 × 3200	16000
HEA 5503 114 9D	550	3	3 ~ 400	2310	5.0	23827	23	6 × 3200	2 × 3200	25600
HEA 5503 152 9D	550	3	3 ~ 400	2310	5.0	22936	22	8 × 3200	2 × 3200	32000
HEA 5504 102 9D	550	4	3 ~ 400	3080	6.6	33241	28	4 × 4260	1 × 4260	21300
HEA 5504 153 9D	550	4	3 ~ 400	3080	6.6	31791	27	6 × 4260	2 × 4260	34080
HEA 5504 204 9D	550	4	3 ~ 400	3080	6.6	30609	26	8 × 4260	2 × 4260	42600
HEA 6301 35 9D	630	1	3 ~ 400	1100	2.2	12177	20	5 × 1510	1 × 1510	9060
HEA 6301 52 9D	630	1	3 ~ 400	1100	2.2	11716	19	7 × 1510	2 × 1510	13590
HEA 6301 70 9D	630	1	3 ~ 400	1100	2.2	11231	19	9 × 1510	2 × 1510	16610
HEA 6302 71 9D	630	2	3 ~ 400	2200	4.4	24405	24	5 × 2740	1 × 2740	16440
HEA 6302 107 9D	630	2	3 ~ 400	2200	4.4	23517	23	7 × 2740	2 × 2740	24660
HEA 6302 143 9D	630	2	3 ~ 400	2200	4.4	22596	22	9 × 2740	2 × 2740	30140
HEA 6303 108 9D	630	3	3 ~ 400	3300	6.6	36642	28	5 × 3800	1 × 3800	22800
HEA 6303 162 9D	630	3	3 ~ 400	3300	6.6	35328	27	7 × 3800	2 × 3800	34200
HEA 6303 215 9D	630	3	3 ~ 400	3300	6.6	33947	26	9 × 3800	2 × 3800	41800
HEA 6304 144 9D	630	4	3 ~ 400	4400	8.8	48861	35	5 × 5060	1 × 5060	30360
HEA 6304 216 9D	630	4	3 ~ 400	4400	8.8	47132	33	7 × 5060	2 × 5060	45540
HEA 6304 288 9D	630	4	3 ~ 400	4400	8.8	45299	31	9 × 5060	2 × 5060	55660
HEA 8001 56 9D	800	1	3 ~ 400	1600	3.5	19936	25	7 × 1700	1 × 1700	13600
HEA 8001 85 9D	800	1	3 ~ 400	1600	3.5	18917	24	10 × 1700	2 × 1700	20400
HEA 8001 113 9D	800	1	3 ~ 400	1600	3.5	18052	23	16 × 1700	2 × 1700	30600
HEA 8002 115 9D	800	2	3 ~ 400	3200	7.0	39987	30	7 × 2810	1 × 2810	22480
HEA 8002 173 9D	800	2	3 ~ 400	3200	7.0	38007	29	10 × 2810	2 × 2810	33720
HEA 8002 230 9D	800	2	3 ~ 400	3200	7.0	36293	28	16 × 2810	2 × 2810	50580
HEA 8003 174 9D	800	3	3 ~ 400	4800	10.5	60065	37	7 × 4420	1 × 4420	35360
HEA 8003 261 9D	800	3	3 ~ 400	4800	10.5	57082	35	10 × 4420	2 × 4420	53040
HEA 8003 347 9D	800	3	3 ~ 400	4800	10.5	54516	33	16 × 4420	2 × 4420	79560

EVAPORATORS/ 蒸发器 NH3/CO2

AVAILABLE OPTIONS FOR HEA N SERIES:

Defrost options:

- Without defrost (air)
- HG: hot gas
- W: water

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 bigger models
- Streamers: Air-guiding device for increased athrow

Casing options:

- White powder-coated painted aluminium: standard models
- SS2: stainless steel AISI SUS304

Other options:

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

HEA N 系列选配件:

化霜:

- 无化霜 (空气)
- HG: 热氟
- W: 水

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

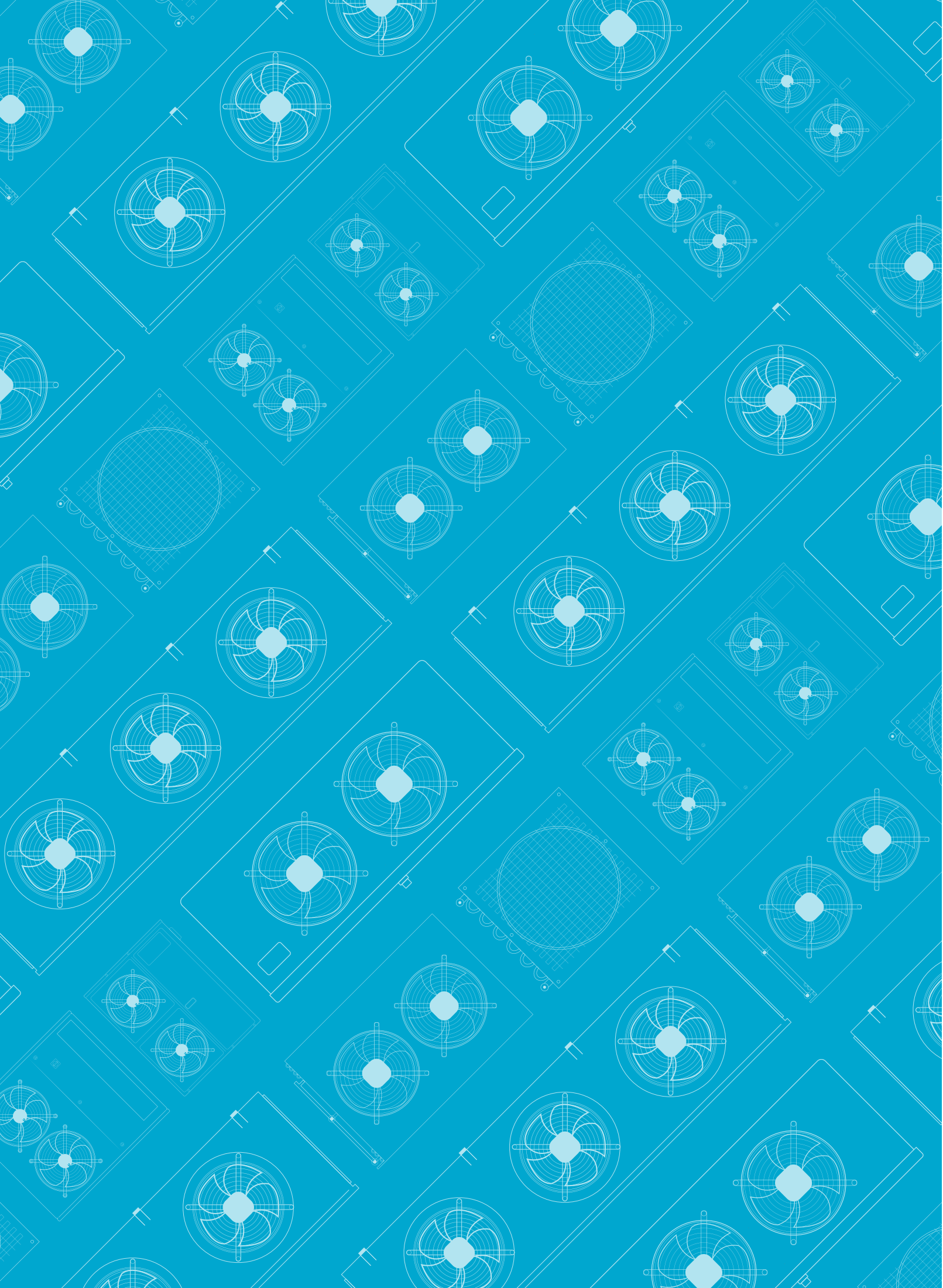
- EC风机
- 风筒电加热: 仅供500mm及以上的风机
- 导风筒: 增加射程

外壳:

- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

其他:

- 双接水盘 (低温工况推荐)
- 电化霜热保护器





INDUSTRIAL CUBIC EVAPORATORS EVAPORADORES CUBICOS INDUSTRIALES

The HEB N range of industrial cubic evaporators has been designed for use in big cold rooms for the preservation of fresh and frozen products.

The exchange coils used in the HEB N range are built with a geometry of recognized high efficiency, with special profile aluminum fins and $\varnothing 15$ mm high quality stainless steel tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

The HEB N range has models with 4 different fin pitch depending on the temperature of the cold room:

- HEB N XXXX XX 4.5X: with 4.5 mm pitch, suitable for high temperatures in the cold room ($R_t \geq 0^\circ\text{C}$)
- HEB N XXXX XX 7X: with 7 mm pitch, suitable for medium temperatures in the cold room ($R_t \geq -20^\circ\text{C}$)
- HEB N XXXX XX 10X: with 10 mm pitch, suitable for low temperatures in the cold room ($R_t \geq -35^\circ\text{C}$)
- HEB N XXXX XX 12X: with 12 mm pitch, suitable for low temperatures in the cold room ($R_t \geq -40^\circ\text{C}$)

The increased pitch compared to commercial models allows for harder use with more frost production.

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

- $\varnothing 500, 550, 630$ mm: three-phase 400V/3/50 Hz with external rotor, with type K grid and nozzle (short mouth)
- . Operating temperature -40°C to $+40^\circ\text{C}$.

HEB N SERIES EVAPORATOR 蒸发器系列 HEB N

HEB N系列工业用蒸发器适用于冷库的冷冻冷藏需求。

HEB N的高效内芯采用铝箔和 $\varnothing 15$ mm高质量不锈钢管，具有较高的换热性能。所有内芯均经过清洁和30bar保压测试。

HEB N有四种片距，满足不同温度的应用：

- HEB N XXXX XX 4.5X: 4.5mm片距，适用于高温库 ($R_t \geq 0^\circ\text{C}$)
- HEB N XXXX XX 7X: 7mm片距，适用于中温库 ($R_t \geq -20^\circ\text{C}$)
- HEB N XXXX XX 10X: 10mm片距，适用于低温库 ($R_t \geq -35^\circ\text{C}$)
- HEB N XXXX XX 12X: 12mm片距，适用于低温库 ($R_t \geq -40^\circ\text{C}$)

相比于商用型号，增大的片距有利于更严格的冷冻工况。

标准的风机配置如下：

- $\varnothing 500, 550, 630$ mm: 三相400V/3/50Hz外转子电机，带K网罩和短出风口。工作温度 -40°C 至 $+40^\circ\text{C}$ 。

HEB N SERIES EVAPORATOR

蒸发器系列 HEB N

-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 drain pan 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.

-ø500, 550, 630 mm: 三相400V/3/50Hz外转子电机, 带L网罩和长风口. 工作温度-40°C至+40°C。

-ø630, 800 mm: 三相400V/3/50Hz外转子电机, 带ZN网罩和长风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

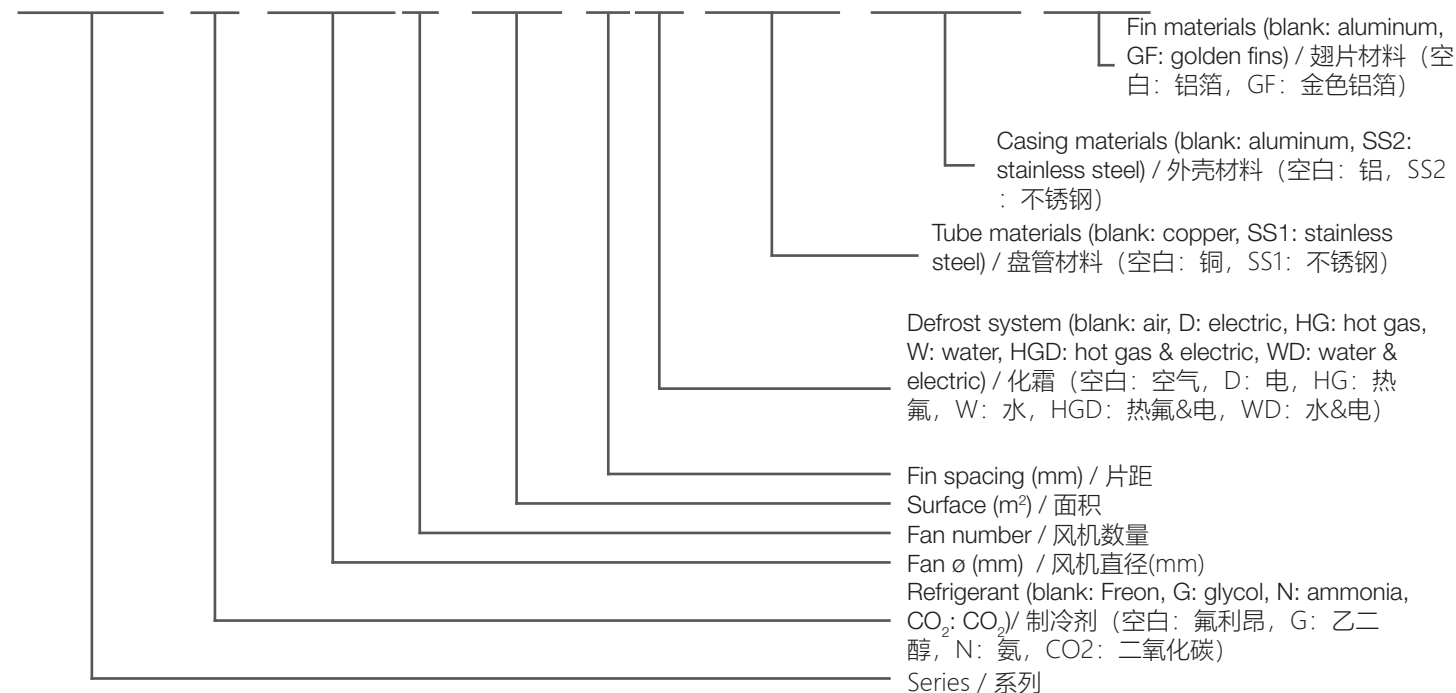
所有电器有效接地。电线均接入防护等级IP65的电器盒内。

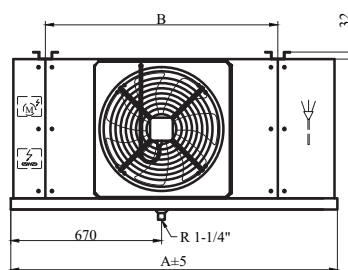
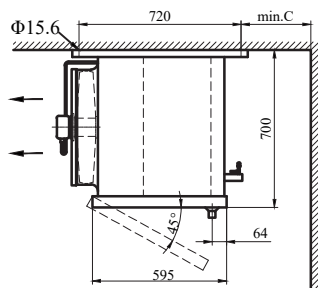
可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

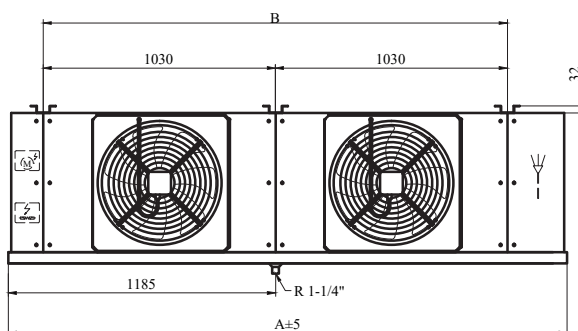
EVAPORATORS / 蒸发器 NH3/CO2

HEB N 5002 69 7D SS1 SS2 GF

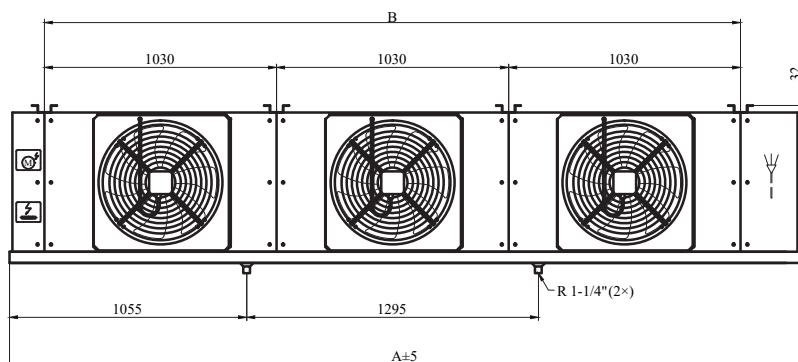




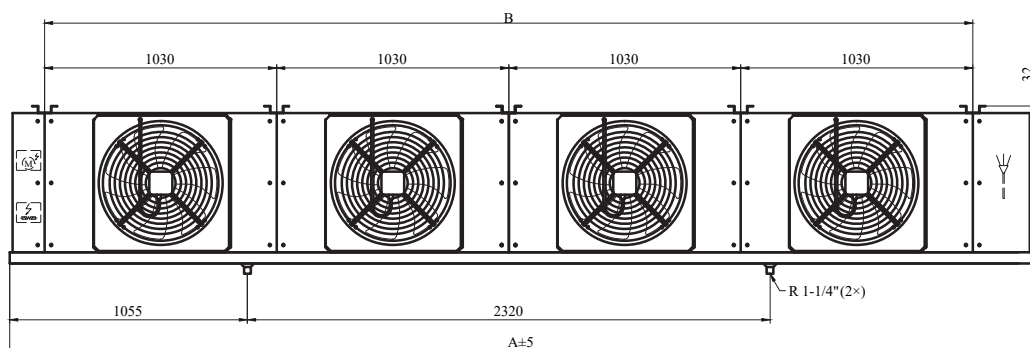
HEB N/D 5001



HEB N/D 5002



HEB N/D 5003

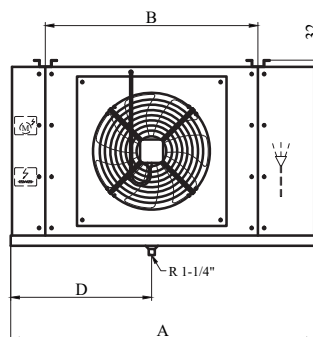
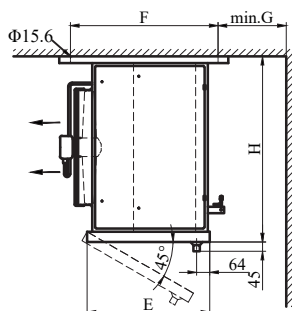


HEB N/D 5004

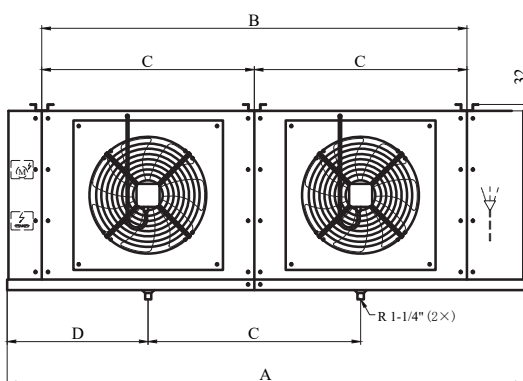
HEB N SERIES EVAPORATOR

蒸发器系列 HEB N

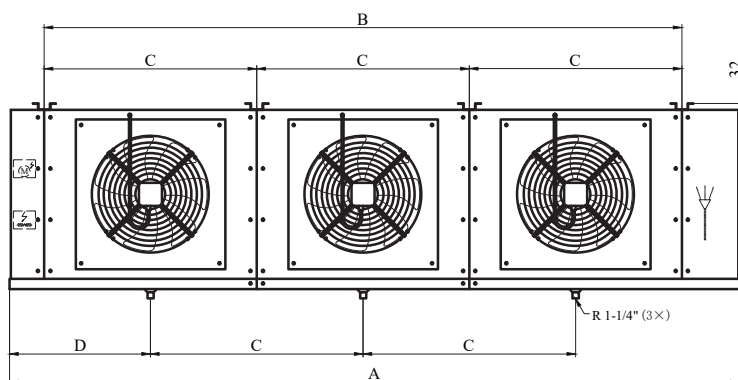
Model / 型号	Dimensions / 尺寸 (mm)		
	A	B	C
HEB N 5001...	1450	1030	300
HEB N 5002...	2480	2060	400
HEB N 5003...	3510	3090	450
HEB N 5004...	4540	4120	490



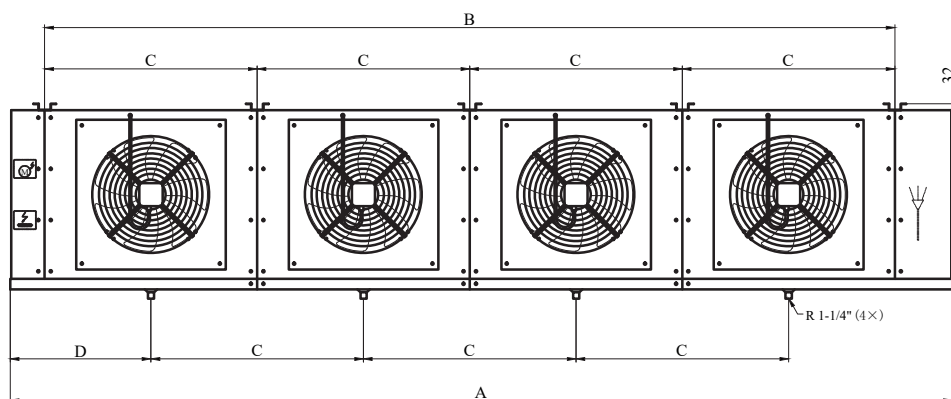
HEB N/D
5501/6301/8001



HEB N/D
5502/6302/8002



HEB N/D
5503/6303/8003



HEB N/D
5504/6304

HEB N SERIES EVAPORATOR

蒸发器系列 HEB N

Model / 型号	Dimensions / 尺寸 (mm)							
	A	B	C	D	E	F	G	H
HEB N 5501(4 rows)...	1500	1030	1030		595	705	260	900
HEB N 5501(6 rows)...	1500	1030	1030		610	720	260	900
HEB N 5501(8 rows)...	1500	1030	1030		710	820	260	900
HEB N 5502(4 rows)...	2530	2060	1030		595	705	380	900
HEB N 5502(6 rows)...	2530	2060	1030		610	720	380	900
HEB N 5502(8 rows)...	2530	2060	1030		710	820	380	900
HEB N 5503(4 rows)...	3560	3090	1030	750	595	705	460	900
HEB N 5503(6 rows)...	3560	3090	1030	750	610	720	460	900
HEB N 5503(8 rows)...	3560	3090	1030	750	710	820	460	900
HEB N 5504(4 rows)...	4590	4120	1030	750	595	705	500	900
HEB N 5504(6 rows)...	4590	4120	1030	750	610	720	500	900
HEB N 5504(8 rows)...	4690	4120	1030	750	710	820	500	900
HEB N 6301(4 rows)...	1700	1230	1230		595	705	310	1000
HEB N 6301(6 rows)...	1700	1230	1230		638	750	310	1000
HEB N 6301(8 rows)...	1700	1230	1230		710	820	310	1000
HEB N 6302(4 rows)...	2930	2460	1230		595	705	440	1000
HEB N 6302(6 rows)...	2930	2460	1230		638	750	440	1000
HEB N 6302(8 rows)...	2930	2460	1230		710	820	440	1000
HEB N 6303(4 rows)...	4160	3690	1230	850	595	705	530	1000
HEB N 6303(6 rows)...	4160	3690	1230	850	638	750	530	1000
HEB N 6303(8 rows)...	4160	3690	1230	850	710	820	530	1000
HEB N 6304(4 rows)...	5390	4920	1230	850	595	705	580	1000
HEB N 6304(6 rows)...	5390	4920	1230	850	638	750	580	1000
HEB N 6304(8 rows)...	5390	4920	1230	850	710	820	580	1000
HEB N 8001(4 rows)...	1900	1430	1430		610	720	390	1300
HEB N 8001(6 rows)...	1900	1430	1430		710	820	390	1300
HEB N 8001(8 rows)...	1900	1430	1430		770	880	390	1300
HEB N 8002(4 rows)...	3330	2860	1430		610	720	580	1300
HEB N 8002(6 rows)...	3330	2860	1430		710	820	580	1300
HEB N 8002(8 rows)...	3330	2860	1430		770	880	580	1300
HEB N 8003(4 rows)...	4760	4290	1430	950	610	720	700	1300
HEB N 8003(6 rows)...	4760	4290	1430	950	710	820	700	1300
HEB N 8003(8 rows)...	4760	4290	1430	950	770	880	700	1300

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.

换热器宽度受其列数影响。列数可在之后的表格中查找。

INDUSTRIAL CUBIC EVAPORATORS

工业用蒸发器

NH3

FIN SPACING 4.5 mm, with electrical defrost. Rt>=0°C

片距4.5mm, 带电加热。库温>=0°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K						
HEB N 5001 53 4.5D	8.81	6.92	50.5	6.9		92	16	16
HEB N 5001 79 4.5D	12.17	8.62	75.7	10.3		104	16	27
HEB N 5002 106 4.5D	19.09	13.87	103.8	14.2		163	16	34
HEB N 5002 159 4.5D	25.06	17.77	155.7	21.3		187	16	42
HEB N 5003 159 4.5D	28.95	20.31	157.1	21.5		233	16	42
HEB N 5003 239 4.5D	37.96	26.92	235.7	32.2		270	22	42
HEB N 5004 218 4.5D	38.70	28.13	210.5	28.7		304	22	42
HEB N 5004 327 4.5D	50.57	37.01	315.7	43.1		353	22	60
HEB N 5501 67 4.5D	11.57	8.43	67.4	9.2	4	112	16	27
HEB N 5501 103 4.5D	15.15	11.05	101.1	13.8	6	129	16	34
HEB N 5501 135 4.5D	17.48	12.83	134.7	18.4	8	151	16	60
HEB N 5502 139 4.5D	23.80	17.34	138.5	18.9	4	199	22	60
HEB N 5502 213 4.5D	31.09	22.67	207.8	28.4	6	233	22	60
HEB N 5502 277 4.5D	35.88	26.27	277.1	37.8	8	274	22	60
HEB N 5503 210 4.5D	34.66	22.29	209.7	28.6	4	286	22	60
HEB N 5503 323 4.5D	47.39	33.55	314.6	42.9	6	336	22	60
HEB N 5503 419 4.5D	53.86	35.70	419.4	57.3	8	396	22	60
HEB N 5504 281 4.5D	48.25	35.16	280.9	38.4	4	373	22	60
HEB N 5504 433 4.5D	61.74	40.26	421.3	57.5	6	440	22	60
HEB N 5504 562 4.5D	72.67	53.14	561.8	76.7	8	519	27	60
HEB N 6301 91 4.5D	16.06	10.62	91.3	12.5	4	141	16	27
HEB N 6301 137 4.5D	21.35	14.30	137.0	18.7	6	165	16	34
HEB N 6301 187 4.5D	24.98	16.94	182.7	24.9	8	192	16	60
HEB N 6302 187 4.5D	32.96	21.86	187.0	25.5	4	254	22	60
HEB N 6302 280 4.5D	43.75	29.36	280.4	38.3	6	302	22	60
HEB N 6302 384 4.5D	51.10	34.72	373.9	51.1	8	353	22	60
HEB N 6303 283 4.5D	49.87	33.11	282.6	38.6	4	368	22	60
HEB N 6303 424 4.5D	66.15	44.44	423.9	57.9	6	439	27	60
HEB N 6303 581 4.5D	72.44	45.21	565.2	77.2	8	514	27	60
HEB N 6304 378 4.5D	67.86	46.84	378.2	51.6	4	482	27	60
HEB N 6304 567 4.5D	81.44	-	567.3	77.5	6	576	27	60
HEB N 6304 778 4.5D	103.98	72.92	756.4	103.3	8	675	2 × 22	2 × 60
HEB N 8001 143 4.5D	25.22	16.50	142.5	19.5	4	202	16	34
HEB N 8001 214 4.5D	32.56	20.74	213.8	29.2	6	243	22	60
HEB N 8001 292 4.5D	39.03	26.35	285.0	38.9	8	282	22	60
HEB N 8002 291 4.5D	51.61	33.87	290.7	39.7	4	368	22	60
HEB N 8002 436 4.5D	66.61	42.55	436.1	59.5	6	447	27	60
HEB N 8002 597 4.5D	79.72	53.93	581.5	79.4	8	522	27	60
HEB N 8003 439 4.5D	80.28	57.80	439.0	59.9	4	534	27	60
HEB N 8003 658 4.5D	105.08	75.82	658.4	89.9	6	651	27	76
HEB N 8003 902 4.5D	121.00	88.11	877.9	119.9	8	762	2 × 22	2 × 60

EVAPORATORS/ 蒸发器 NH3/CO2

HEB N SERIES EVAPORATOR

蒸发器系列 HEB N

FIN SPACING 4.5 mm, with electrical defrost. Rt>=0°C

片距4.5mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEB N 5001 53 4.5D	500	1	3 ~ 400	650	1.2	6945	16	3 × 1280	2 × 1280	6400
HEB N 5001 79 4.5D	500	1	3 ~ 400	650	1.2	6412	15	4 × 1280	2 × 1280	7680
HEB N 5002 106 4.5D	500	2	3 ~ 400	1300	2.3	13957	19	3 × 2320	2 × 2320	11600
HEB N 5002 159 4.5D	500	2	3 ~ 400	1300	2.3	12960	18	4 × 2320	2 × 2320	13920
HEB N 5003 159 4.5D	500	3	3 ~ 400	1950	3.5	20941	23	3 × 3200	2 × 3200	16000
HEB N 5003 239 4.5D	500	3	3 ~ 400	1950	3.5	19506	22	4 × 3200	2 × 3200	19200
HEB N 5004 218 4.5D	500	4	3 ~ 400	2600	4.6	27949	27	3 × 4260	2 × 4260	21300
HEB N 5004 327 4.5D	500	4	3 ~ 400	2600	4.6	26061	26	4 × 4260	2 × 4260	25560
HEB N 5501 67 4.5D	550	1	3 ~ 400	770	1.7	8046	15	4 × 1280	2 × 1280	7680
HEB N 5501 103 4.5D	550	1	3 ~ 400	770	1.7	7628	15	5 × 1280	2 × 1280	8960
HEB N 5501 135 4.5D	550	1	3 ~ 400	770	1.7	7217	14	7 × 1280	2 × 1280	11520
HEB N 5502 139 4.5D	550	2	3 ~ 400	1540	3.3	16173	18	4 × 2320	2 × 2320	13920
HEB N 5502 213 4.5D	550	2	3 ~ 400	1540	3.3	15357	17	5 × 2320	2 × 2320	16240
HEB N 5502 277 4.5D	550	2	3 ~ 400	1540	3.3	14589	17	7 × 2320	2 × 2320	20880
HEB N 5503 210 4.5D	550	3	3 ~ 400	2310	5.0	24284	21	4 × 3200	2 × 3200	19200
HEB N 5503 323 4.5D	550	3	3 ~ 400	2310	5.0	23078	21	5 × 3200	2 × 3200	22400
HEB N 5503 419 4.5D	550	3	3 ~ 400	2310	5.0	21945	21	7 × 3200	2 × 3200	28800
HEB N 5504 281 4.5D	550	4	3 ~ 400	3080	6.6	32425	26	4 × 4260	2 × 4260	25560
HEB N 5504 433 4.5D	550	4	3 ~ 400	3080	6.6	30792	25	5 × 4260	2 × 4260	29820
HEB N 5504 562 4.5D	550	4	3 ~ 400	3080	6.6	29328	24	7 × 4260	2 × 4260	38340
HEB N 6301 91 4.5D	630	1	3 ~ 400	1100	2.2	11825	19	4 × 1510	2 × 1510	9060
HEB N 6301 137 4.5D	630	1	3 ~ 400	1100	2.2	11155	18	6 × 1510	2 × 1510	12080
HEB N 6301 187 4.5D	630	1	3 ~ 400	1100	2.2	10548	18	7 × 1510	2 × 1510	13590
HEB N 6302 187 4.5D	630	2	3 ~ 400	2200	4.4	23751	22	4 × 2740	2 × 2740	16440
HEB N 6302 280 4.5D	630	2	3 ~ 400	2200	4.4	22453	21	6 × 2740	2 × 2740	21920
HEB N 6302 384 4.5D	630	2	3 ~ 400	2200	4.4	21264	21	7 × 2740	2 × 2740	24660
HEB N 6303 283 4.5D	630	3	3 ~ 400	3300	6.6	35677	26	4 × 3800	2 × 3800	22800
HEB N 6303 424 4.5D	630	3	3 ~ 400	3300	6.6	33745	26	6 × 3800	2 × 3800	30400
HEB N 6303 581 4.5D	630	3	3 ~ 400	3300	6.6	31969	26	7 × 3800	2 × 3800	34200
HEB N 6304 378 4.5D	630	4	3 ~ 400	4400	8.8	47610	32	4 × 5060	2 × 5060	30360
HEB N 6304 567 4.5D	630	4	3 ~ 400	4400	8.8	45026	31	6 × 5060	2 × 5060	40480
HEB N 6304 778 4.5D	630	4	3 ~ 400	4400	8.8	42697	31	7 × 5060	2 × 5060	45540
HEB N 8001 143 4.5D	800	1	3 ~ 400	1600	3.5	18970	27	5 × 1700	2 × 1700	11900
HEB N 8001 214 4.5D	800	1	3 ~ 400	1600	3.5	17743	26	8 × 1700	2 × 1700	17000
HEB N 8001 292 4.5D	800	1	3 ~ 400	1600	3.5	16544	25	10 × 1700	2 × 1700	20400
HEB N 8002 291 4.5D	800	2	3 ~ 400	3200	7.0	38126	31	5 × 2810	2 × 2810	19670
HEB N 8002 436 4.5D	800	2	3 ~ 400	3200	7.0	35685	31	8 × 2810	2 × 2810	28100
HEB N 8002 597 4.5D	800	2	3 ~ 400	3200	7.0	33388	30	10 × 2810	2 × 2810	33720
HEB N 8003 439 4.5D	800	3	3 ~ 400	4800	10.5	57314	37	5 × 4420	2 × 4420	30940
HEB N 8003 658 4.5D	800	3	3 ~ 400	4800	10.5	53658	36	8 × 4420	2 × 4420	44200
HEB N 8003 902 4.5D	800	3	3 ~ 400	4800	10.5	50258	36	10 × 4420	2 × 4420	53040

EVAPORATORS/ 蒸发器 NH3/CO2

INDUSTRIAL CUBIC EVAPORATORS

工业用蒸发器

NH3

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K						
HEB N 5001 35 7D	6.80	5.46	33.2	6.9		88	16	16
HEB N 5001 52 7D	10.14	7.39	49.9	10.3		98	16	27
HEB N 5002 69 7D	15.01	11.28	68.4	14.2		155	16	34
HEB N 5002 103 7D	20.83	15.17	102.5	21.3		175	16	42
HEB N 5003 103 7D	23.01	16.79	103.5	21.5		222	16	42
HEB N 5003 156 7D	31.52	22.95	155.2	32.2		252	22	42
HEB N 5004 139 7D	30.44	22.88	138.6	28.7		288	22	42
HEB N 5004 209 7D	41.64	31.14	207.9	43.1		329	22	60
HEB N 5501 44 7D	9.12	6.85	44.4	9.2	4	107	16	27
HEB N 5501 67 7D	12.41	9.29	66.5	13.8	6	122	16	34
HEB N 5501 89 7D	14.92	11.15	88.7	18.4	8	141	16	60
HEB N 5502 91 7D	18.73	14.05	91.2	18.9	4	189	22	60
HEB N 5502 137 7D	25.45	19.04	136.8	28.4	6	217	22	60
HEB N 5502 182 7D	30.58	22.81	182.5	37.8	8	253	22	60
HEB N 5503 138 7D	28.48	19.19	138.1	28.6	4	270	22	60
HEB N 5503 208 7D	39.08	28.50	207.1	42.9	6	313	22	60
HEB N 5503 276 7D	47.17	32.16	276.2	57.3	8	365	22	60
HEB N 5504 185 7D	37.94	28.46	185.0	38.4	4	352	22	60
HEB N 5504 278 7D	52.25	35.42	277.4	57.5	6	409	22	60
HEB N 5504 370 7D	61.90	46.14	369.9	76.7	8	478	27	60
HEB N 6301 60 7D	13.02	9.01	60.1	12.5	4	134	16	27
HEB N 6301 90 7D	17.91	12.45	90.2	18.7	6	155	16	34
HEB N 6301 120 7D	21.67	15.15	120.3	24.9	8	178	16	60
HEB N 6302 123 7D	26.67	18.47	123.1	25.5	4	241	22	60
HEB N 6302 185 7D	36.65	25.52	184.7	38.3	6	281	22	60
HEB N 6302 247 7D	44.31	31.00	246.2	51.1	8	325	22	60
HEB N 6303 186 7D	40.31	27.94	186.1	38.6	4	347	22	60
HEB N 6303 279 7D	55.40	38.60	279.1	57.9	6	408	27	60
HEB N 6303 373 7D	64.46	41.63	372.1	77.2	8	472	27	60
HEB N 6304 249 7D	54.09	38.76	249.0	51.6	4	454	27	60
HEB N 6304 374 7D	70.72	45.19	373.5	77.5	6	534	27	60
HEB N 6304 500 7D	89.36	64.30	498.0	103.3	8	619	2 × 22	2 × 60
HEB N 8001 94 7D	20.64	14.13	93.8	19.5	4	191	16	34
HEB N 8001 141 7D	27.82	18.49	140.8	29.2	6	228	22	60
HEB N 8001 188 7D	34.20	23.70	187.7	38.9	8	261	22	60
HEB N 8002 191 7D	42.17	28.93	191.4	39.7	4	346	22	60
HEB N 8002 287 7D	56.84	37.89	287.2	59.5	6	415	27	60
HEB N 8002 384 7D	69.75	48.37	382.9	79.4	8	479	27	60
HEB N 8003 289 7D	63.49	47.18	289.0	59.9	4	501	27	60
HEB N 8003 434 7D	86.29	64.10	433.5	89.9	6	602	27	76
HEB N 8003 580 7D	103.76	76.90	578.1	119.9	8	697	2 × 22	2 × 60

EVAPORATORS/ 蒸发器 NH3/CO2

HEB N SERIES EVAPORATOR

蒸发器系列 HEB N

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEB N 5001 35 7D	500	1	3 ~ 400	650	1.2	7133	16	3 × 1280	2 × 1280	6400
HEB N 5001 52 7D	500	1	3 ~ 400	650	1.2	6778	16	4 × 1280	2 × 1280	7680
HEB N 5002 69 7D	500	2	3 ~ 400	1300	2.3	14332	20	3 × 2320	2 × 2320	11600
HEB N 5002 103 7D	500	2	3 ~ 400	1300	2.3	13659	19	4 × 2320	2 × 2320	13920
HEB N 5003 103 7D	500	3	3 ~ 400	1950	3.5	21534	24	3 × 3200	2 × 3200	16000
HEB N 5003 156 7D	500	3	3 ~ 400	1950	3.5	20537	23	4 × 3200	2 × 3200	19200
HEB N 5004 139 7D	500	4	3 ~ 400	2600	4.6	28753	28	3 × 4260	2 × 4260	21300
HEB N 5004 209 7D	500	4	3 ~ 400	2600	4.6	27424	28	4 × 4260	2 × 4260	25560
HEB N 5501 44 7D	550	1	3 ~ 400	770	1.7	8263	15	4 × 1280	2 × 1280	7680
HEB N 5501 67 7D	550	1	3 ~ 400	770	1.7	7891	15	5 × 1280	2 × 1280	8960
HEB N 5501 89 7D	550	1	3 ~ 400	770	1.7	7580	14	7 × 1280	2 × 1280	11520
HEB N 5502 91 7D	550	2	3 ~ 400	1540	3.3	16597	19	4 × 2320	2 × 2320	13920
HEB N 5502 137 7D	550	2	3 ~ 400	1540	3.3	15867	18	5 × 2320	2 × 2320	16240
HEB N 5502 182 7D	550	2	3 ~ 400	1540	3.3	15264	18	7 × 2320	2 × 2320	20880
HEB N 5503 138 7D	550	3	3 ~ 400	2310	5.0	24912	22	4 × 3200	2 × 3200	19200
HEB N 5503 208 7D	550	3	3 ~ 400	2310	5.0	23837	22	5 × 3200	2 × 3200	22400
HEB N 5503 276 7D	550	3	3 ~ 400	2310	5.0	22931	21	7 × 3200	2 × 3200	28800
HEB N 5504 185 7D	550	4	3 ~ 400	3080	6.6	33260	26	4 × 4260	2 × 4260	25560
HEB N 5504 278 7D	550	4	3 ~ 400	3080	6.6	31797	26	5 × 4260	2 × 4260	29820
HEB N 5504 370 7D	550	4	3 ~ 400	3080	6.6	30626	26	7 × 4260	2 × 4260	38340
HEB N 6301 60 7D	630	1	3 ~ 400	1100	2.2	12112	21	4 × 1510	2 × 1510	9060
HEB N 6301 90 7D	630	1	3 ~ 400	1100	2.2	11582	20	6 × 1510	2 × 1510	12080
HEB N 6301 120 7D	630	1	3 ~ 400	1100	2.2	11070	19	7 × 1510	2 × 1510	13590
HEB N 6302 123 7D	630	2	3 ~ 400	2200	4.4	24296	23	4 × 2740	2 × 2740	16440
HEB N 6302 185 7D	630	2	3 ~ 400	2200	4.4	23283	23	6 × 2740	2 × 2740	21920
HEB N 6302 247 7D	630	2	3 ~ 400	2200	4.4	22291	22	7 × 2740	2 × 2740	24660
HEB N 6303 186 7D	630	3	3 ~ 400	3300	6.6	36471	28	4 × 3800	2 × 3800	22800
HEB N 6303 279 7D	630	3	3 ~ 400	3300	6.6	34982	27	6 × 3800	2 × 3800	30400
HEB N 6303 373 7D	630	3	3 ~ 400	3300	6.6	33498	27	7 × 3800	2 × 3800	34200
HEB N 6304 249 7D	630	4	3 ~ 400	4400	8.8	48651	33	4 × 5060	2 × 5060	30360
HEB N 6304 374 7D	630	4	3 ~ 400	4400	8.8	46665	33	6 × 5060	2 × 5060	40480
HEB N 6304 500 7D	630	4	3 ~ 400	4400	8.8	44736	32	7 × 5060	2 × 5060	45540
HEB N 8001 94 7D	800	1	3 ~ 400	1600	3.5	19633	27	5 × 1700	2 × 1700	11900
HEB N 8001 141 7D	800	1	3 ~ 400	1600	3.5	18477	27	8 × 1700	2 × 1700	17000
HEB N 8001 188 7D	800	1	3 ~ 400	1600	3.5	17602	26	10 × 1700	2 × 1700	20400
HEB N 8002 191 7D	800	2	3 ~ 400	3200	7.0	39408	32	5 × 2810	2 × 2810	19670
HEB N 8002 287 7D	800	2	3 ~ 400	3200	7.0	37149	31	8 × 2810	2 × 2810	28100
HEB N 8002 384 7D	800	2	3 ~ 400	3200	7.0	35432	31	10 × 2810	2 × 2810	33720
HEB N 8003 289 7D	800	3	3 ~ 400	4800	10.5	59217	38	5 × 4420	2 × 4420	30940
HEB N 8003 434 7D	800	3	3 ~ 400	4800	10.5	55869	37	8 × 4420	2 × 4420	44200
HEB N 8003 580 7D	800	3	3 ~ 400	4800	10.5	53273	37	10 × 4420	2 × 4420	53040

EVAPORATORS/ 蒸发器 NH3/CO2

INDUSTRIAL CUBIC EVAPORATORS

工业用蒸发器

NH3

FIN SPACING 10 mm, with electrical defrost. Rt>=-40°C

片距10mm, 带电加热。库温>=-35°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K						
HEB N 5001 25 10D	5.56	4.49	23.9	6.9		86	16	16
HEB N 5001 37 10D	8.58	6.35	35.9	10.3		96	16	27
HEB N 5002 49 10D	12.38	9.42	49.2	14.2		151	16	34
HEB N 5002 75 10D	17.60	13.01	73.8	21.3		170	16	42
HEB N 5003 75 10D	19.08	14.15	74.5	21.5		216	16	42
HEB N 5003 111 10D	26.63	19.68	111.7	32.2		244	22	42
HEB N 5004 98 10D	25.10	19.09	99.8	28.7		281	22	42
HEB N 5004 147 10D	35.03	26.46	149.6	43.1		318	22	60
HEB N 5501 32 10D	7.49	5.69	31.9	9.2	4	105	16	27
HEB N 5501 47 10D	10.45	7.92	47.9	13.8	6	118	16	34
HEB N 5501 64 10D	12.86	9.72	63.9	18.4	8	136	16	60
HEB N 5502 66 10D	15.38	11.67	65.7	18.9	4	184	22	60
HEB N 5502 96 10D	21.43	16.20	98.5	28.4	6	210	22	60
HEB N 5502 131 10D	26.34	19.86	131.3	37.8	8	243	22	60
HEB N 5503 99 10D	23.97	16.58	99.4	28.6	4	262	22	60
HEB N 5503 145 10D	33.04	24.43	149.1	42.9	6	301	22	60
HEB N 5503 199 10D	41.35	28.76	198.8	57.3	8	350	22	60
HEB N 5504 133 10D	31.15	23.61	133.1	38.4	4	341	22	60
HEB N 5504 195 10D	44.89	31.14	199.7	57.5	6	393	22	60
HEB N 5504 266 10D	53.31	40.15	266.3	76.7	8	457	27	60
HEB N 6301 43 10D	10.87	7.71	43.3	12.5	4	131	16	27
HEB N 6301 65 10D	15.31	10.87	64.9	18.7	6	150	16	34
HEB N 6301 84 10D	18.93	13.47	86.6	24.9	8	171	16	60
HEB N 6302 89 10D	22.22	15.76	88.6	25.5	4	234	22	60
HEB N 6302 133 10D	31.29	22.23	132.9	38.3	6	271	22	60
HEB N 6302 173 10D	38.64	27.52	177.2	51.1	8	311	22	60
HEB N 6303 134 10D	33.58	23.83	133.9	38.6	4	337	22	60
HEB N 6303 201 10D	47.27	33.60	200.9	57.9	6	392	27	60
HEB N 6303 261 10D	57.28	37.94	267.9	77.2	8	451	27	60
HEB N 6304 179 10D	44.68	32.62	179.3	51.6	4	440	27	60
HEB N 6304 269 10D	61.72	40.60	268.9	77.5	6	513	27	60
HEB N 6304 350 10D	77.46	56.55	358.5	103.3	8	591	2 × 22	2 × 60
HEB N 8001 68 10D	17.35	12.19	67.6	19.5	4	186	16	34
HEB N 8001 101 10D	24.11	16.46	101.3	29.2	6	220	22	60
HEB N 8001 132 10D	29.93	21.15	135.1	38.9	8	250	22	60
HEB N 8002 138 10D	35.40	24.91	137.8	39.7	4	335	22	60
HEB N 8002 207 10D	49.20	33.65	206.7	59.5	6	398	27	60
HEB N 8002 269 10D	60.97	43.15	275.6	79.4	8	457	27	60
HEB N 8003 208 10D	52.32	39.40	208.1	59.9	4	485	27	60
HEB N 8003 312 10D	72.95	54.86	312.1	89.9	6	578	27	76
HEB N 8003 406 10D	89.54	67.21	416.1	119.9	8	664	2 × 22	2 × 60

EVAPORATORS/ 蒸发器 NH3/CO2

HEB N SERIES EVAPORATOR

蒸发器系列 HEB N

FIN SPACING 10 mm, with electrical defrost. Rt>=-40°C

片距10mm, 带电加热。库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEB N 5001 25 10D	500	1	3 ~ 400	650	1.2	7311	17	3 × 1280	2 × 1280	6400
HEB N 5001 37 10D	500	1	3 ~ 400	650	1.2	6959	16	4 × 1280	2 × 1280	7680
HEB N 5002 49 10D	500	2	3 ~ 400	1300	2.3	14683	20	3 × 2320	2 × 2320	11600
HEB N 5002 75 10D	500	2	3 ~ 400	1300	2.3	13978	20	4 × 2320	2 × 2320	13920
HEB N 5003 75 10D	500	3	3 ~ 400	1950	3.5	22055	24	3 × 3200	2 × 3200	16000
HEB N 5003 111 10D	500	3	3 ~ 400	1950	3.5	20999	24	4 × 3200	2 × 3200	19200
HEB N 5004 98 10D	500	4	3 ~ 400	2600	4.6	29444	29	3 × 4260	2 × 4260	21300
HEB N 5004 147 10D	500	4	3 ~ 400	2600	4.6	28064	28	4 × 4260	2 × 4260	25560
HEB N 5501 32 10D	550	1	3 ~ 400	770	1.7	8405	16	4 × 1280	2 × 1280	7680
HEB N 5501 47 10D	550	1	3 ~ 400	770	1.7	8071	16	5 × 1280	2 × 1280	8960
HEB N 5501 64 10D	550	1	3 ~ 400	770	1.7	7787	15	7 × 1280	2 × 1280	11520
HEB N 5502 66 10D	550	2	3 ~ 400	1540	3.3	16872	19	4 × 2320	2 × 2320	13920
HEB N 5502 96 10D	550	2	3 ~ 400	1540	3.3	16222	19	5 × 2320	2 × 2320	16240
HEB N 5502 131 10D	550	2	3 ~ 400	1540	3.3	15667	18	7 × 2320	2 × 2320	20880
HEB N 5503 99 10D	550	3	3 ~ 400	2310	5.0	25320	23	4 × 3200	2 × 3200	19200
HEB N 5503 145 10D	550	3	3 ~ 400	2310	5.0	24366	22	5 × 3200	2 × 3200	22400
HEB N 5503 199 10D	550	3	3 ~ 400	2310	5.0	23529	22	7 × 3200	2 × 3200	28800
HEB N 5504 133 10D	550	4	3 ~ 400	3080	6.6	33801	28	4 × 4260	2 × 4260	25560
HEB N 5504 195 10D	550	4	3 ~ 400	3080	6.6	32499	27	5 × 4260	2 × 4260	29820
HEB N 5504 266 10D	550	4	3 ~ 400	3080	6.6	31422	27	7 × 4260	2 × 4260	38340
HEB N 6301 43 10D	630	1	3 ~ 400	1100	2.2	12252	20	4 × 1510	2 × 1510	9060
HEB N 6301 65 10D	630	1	3 ~ 400	1100	2.2	11861	20	6 × 1510	2 × 1510	12080
HEB N 6301 84 10D	630	1	3 ~ 400	1100	2.2	11414	19	7 × 1510	2 × 1510	13590
HEB N 6302 89 10D	630	2	3 ~ 400	2200	4.4	24547	24	4 × 2740	2 × 2740	16440
HEB N 6302 133 10D	630	2	3 ~ 400	2200	4.4	23823	23	6 × 2740	2 × 2740	21920
HEB N 6302 173 10D	630	2	3 ~ 400	2200	4.4	22953	23	7 × 2740	2 × 2740	24660
HEB N 6303 134 10D	630	3	3 ~ 400	3300	6.6	36844	29	4 × 3800	2 × 3800	22800
HEB N 6303 201 10D	630	3	3 ~ 400	3300	6.6	35783	29	6 × 3800	2 × 3800	30400
HEB N 6303 261 10D	630	3	3 ~ 400	3300	6.6	34478	28	7 × 3800	2 × 3800	34200
HEB N 6304 179 10D	630	4	3 ~ 400	4400	8.8	49148	34	4 × 5060	2 × 5060	30360
HEB N 6304 269 10D	630	4	3 ~ 400	4400	8.8	47726	33	6 × 5060	2 × 5060	40480
HEB N 6304 350 10D	630	4	3 ~ 400	4400	8.8	46037	33	7 × 5060	2 × 5060	45540
HEB N 8001 68 10D	800	1	3 ~ 400	1600	3.5	20031	28	5 × 1700	2 × 1700	11900
HEB N 8001 101 10D	800	1	3 ~ 400	1600	3.5	19042	28	8 × 1700	2 × 1700	17000
HEB N 8001 132 10D	800	1	3 ~ 400	1600	3.5	18180	27	10 × 1700	2 × 1700	20400
HEB N 8002 138 10D	800	2	3 ~ 400	3200	7.0	40187	33	5 × 2810	2 × 2810	19670
HEB N 8002 207 10D	800	2	3 ~ 400	3200	7.0	38267	32	8 × 2810	2 × 2810	28100
HEB N 8002 269 10D	800	2	3 ~ 400	3200	7.0	36543	32	10 × 2810	2 × 2810	33720
HEB N 8003 208 10D	800	3	3 ~ 400	4800	10.5	60376	39	5 × 4420	2 × 4420	30940
HEB N 8003 312 10D	800	3	3 ~ 400	4800	10.5	57544	38	8 × 4420	2 × 4420	44200
HEB N 8003 406 10D	800	3	3 ~ 400	4800	10.5	54938	38	10 × 4420	2 × 4420	53040

EVAPORATORS/ 蒸发器 NH3/CO2

INDUSTRIAL CUBIC EVAPORATORS

工业用蒸发器

NH3

FIN SPACING 12 mm, with electrical defrost. Rt>=-40°C

片距12mm, 带电加热。库温>=-40°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m ²)	Tube Volume/ 管容积 (dm ³)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -25°C	t _e = -31°C					Inlet/ 进口	Outlet/ 出口
	DT1=7K	DT1=6K						
HEB N 5001 20 12D	3.96	3.31		86	16	16	12	28
HEB N 5001 31 12D	5.80	4.81		96	16	27	12	28
HEB N 5002 42 12D	8.47	7.04		151	16	34	15	42
HEB N 5002 63 12D	11.88	9.89		170	16	42	15	42
HEB N 5003 63 12D	12.81	10.61		216	16	42	15	54
HEB N 5003 95 12D	17.97	14.95		244	22	42	22	54
HEB N 5004 85 12D	17.12	14.28		281	22	42	22	54
HEB N 5004 127 12D	23.98	20.07		318	22	60	22	54
HEB N 5501 27 12D	5.10	4.25	4	105	16	27	15	35
HEB N 5501 41 12D	7.16	5.99	6	118	16	34	15	35
HEB N 5501 54 12D	8.89	7.46	8	136	16	60	15	42
HEB N 5502 56 12D	10.43	8.72	4	184	22	60	22	42
HEB N 5502 84 12D	14.65	12.28	6	210	22	60	22	42
HEB N 5502 112 12D	18.15	15.27	8	243	22	60	22	54
HEB N 5503 84 12D	15.34	12.46	4	262	22	60	22	54
HEB N 5503 127 12D	22.25	18.58	6	301	22	60	22	54
HEB N 5503 169 12D	27.03	22.21	8	350	22	60	22	54
HEB N 5504 113 12D	21.10	17.64	4	341	22	60	22	54
HEB N 5504 170 12D	29.04	23.74	6	393	22	60	22	67
HEB N 5504 226 12D	36.70	30.91	8	457	27	60	28	67
HEB N 6301 37 12D	7.07	5.77	4	131	16	27	15	35
HEB N 6301 55 12D	10.06	8.25	6	150	16	34	15	42
HEB N 6301 74 12D	12.58	10.37	8	171	16	60	15	42
HEB N 6302 75 12D	14.45	11.82	4	234	22	60	22	42
HEB N 6302 113 12D	20.54	16.88	6	271	22	60	22	54
HEB N 6302 150 12D	25.67	21.21	8	311	22	60	22	54
HEB N 6303 114 12D	21.83	17.87	4	337	22	60	22	54
HEB N 6303 171 12D	31.03	25.52	6	392	27	60	28	67
HEB N 6303 227 12D	38.76	32.06	8	451	27	60	2×22	2×54
HEB N 6304 152 12D	29.54	24.42	4	440	27	60	28	67
HEB N 6304 228 12D	41.51	34.16	6	513	27	60	2×22	2×54
HEB N 6304 304 12D	52.26	43.59	8	591	2 × 22	2 × 60	2×22	2×67
HEB N 8001 57 12D	11.26	9.15	4	186	16	34	15	42
HEB N 8001 86 12D	15.52	12.52	6	220	22	60	22	54
HEB N 8001 115 12D	19.84	16.31	8	250	22	60	22	54
HEB N 8002 117 12D	22.97	18.71	4	335	22	60	22	54
HEB N 8002 175 12D	31.66	25.61	6	398	27	60	28	67
HEB N 8002 234 12D	40.43	33.31	8	457	27	60	28	76
HEB N 8003 177 12D	35.40	29.46	4	485	27	60	2×22	2×54
HEB N 8003 265 12D	49.81	41.63	6	578	27	76	2×22	2×54
HEB N 8003 353 12D	61.69	51.79	8	664	2 × 22	2 × 60	2×22	2×67

EVAPORATORS/ 蒸发器 NH3/CO2

HEB N SERIES EVAPORATOR

蒸发器系列 HEB N

FIN SPACING 12 mm, with electrical defrost. Rt>=-40°C

片距12mm, 带电加热。库温>=-40°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEB N 5001 20 12D	500	1	3 ~ 400	650	1.2	7404	17	3 × 1280	2 × 1280	6400
HEB N 5001 31 12D	500	1	3 ~ 400	650	1.2	7037	16	4 × 1280	2 × 1280	7680
HEB N 5002 42 12D	500	2	3 ~ 400	1300	2.3	14862	20	3 × 2320	2 × 2320	11600
HEB N 5002 63 12D	500	2	3 ~ 400	1300	2.3	14119	20	4 × 2320	2 × 2320	13920
HEB N 5003 63 12D	500	3	3 ~ 400	1950	3.5	22321	24	3 × 3200	2 × 3200	16000
HEB N 5003 95 12D	500	3	3 ~ 400	1950	3.5	21208	24	4 × 3200	2 × 3200	19200
HEB N 5004 85 12D	500	4	3 ~ 400	2600	4.6	29799	29	3 × 4260	2 × 4260	21300
HEB N 5004 127 12D	500	4	3 ~ 400	2600	4.6	28305	28	4 × 4260	2 × 4260	25560
HEB N 5501 27 12D	550	1	3 ~ 400	770	1.7	8473	15	4 × 1280	2 × 1280	7680
HEB N 5501 41 12D	550	1	3 ~ 400	770	1.7	8161	16	5 × 1280	2 × 1280	8960
HEB N 5501 54 12D	550	1	3 ~ 400	770	1.7	7889	14	7 × 1280	2 × 1280	11520
HEB N 5502 56 12D	550	2	3 ~ 400	1540	3.3	17001	18	4 × 2320	2 × 2320	13920
HEB N 5502 84 12D	550	2	3 ~ 400	1540	3.3	16397	19	5 × 2320	2 × 2320	16240
HEB N 5502 112 12D	550	2	3 ~ 400	1540	3.3	15864	17	7 × 2320	2 × 2320	20880
HEB N 5503 84 12D	550	3	3 ~ 400	2310	5.0	25511	22	4 × 3200	2 × 3200	19200
HEB N 5503 127 12D	550	3	3 ~ 400	2310	5.0	24625	22	5 × 3200	2 × 3200	22400
HEB N 5503 169 12D	550	3	3 ~ 400	2310	5.0	23819	21	7 × 3200	2 × 3200	28800
HEB N 5504 113 12D	550	4	3 ~ 400	3080	6.6	34056	26	4 × 4260	2 × 4260	25560
HEB N 5504 170 12D	550	4	3 ~ 400	3080	6.6	32842	27	5 × 4260	2 × 4260	29820
HEB N 5504 226 12D	550	4	3 ~ 400	3080	6.6	31811	25	7 × 4260	2 × 4260	38340
HEB N 6301 37 12D	630	1	3 ~ 400	1100	2.2	12314	20	4 × 1510	2 × 1510	9060
HEB N 6301 55 12D	630	1	3 ~ 400	1100	2.2	11993	20	6 × 1510	2 × 1510	12080
HEB N 6301 74 12D	630	1	3 ~ 400	1100	2.2	11577	19	7 × 1510	2 × 1510	13590
HEB N 6302 75 12D	630	2	3 ~ 400	2200	4.4	24675	23	4 × 2740	2 × 2740	16440
HEB N 6302 113 12D	630	2	3 ~ 400	2200	4.4	24068	23	6 × 2740	2 × 2740	21920
HEB N 6302 150 12D	630	2	3 ~ 400	2200	4.4	23274	23	7 × 2740	2 × 2740	24660
HEB N 6303 114 12D	630	3	3 ~ 400	3300	6.6	37035	28	4 × 3800	2 × 3800	22800
HEB N 6303 171 12D	630	3	3 ~ 400	3300	6.6	36131	28	6 × 3800	2 × 3800	30400
HEB N 6303 227 12D	630	3	3 ~ 400	3300	6.6	34969	28	7 × 3800	2 × 3800	34200
HEB N 6304 152 12D	630	4	3 ~ 400	4400	8.8	49401	34	4 × 5060	2 × 5060	30360
HEB N 6304 228 12D	630	4	3 ~ 400	4400	8.8	48195	34	6 × 5060	2 × 5060	40480
HEB N 6304 304 12D	630	4	3 ~ 400	4400	8.8	46675	33	7 × 5060	2 × 5060	45540
HEB N 8001 57 12D	800	1	3 ~ 400	1600	3.5	20220	30	5 × 1700	2 × 1700	11900
HEB N 8001 86 12D	800	1	3 ~ 400	1600	3.5	19320	29	8 × 1700	2 × 1700	17000
HEB N 8001 115 12D	800	1	3 ~ 400	1600	3.5	18472	27	10 × 1700	2 × 1700	20400
HEB N 8002 117 12D	800	2	3 ~ 400	3200	7.0	40554	36	5 × 2810	2 × 2810	19670
HEB N 8002 175 12D	800	2	3 ~ 400	3200	7.0	38809	35	8 × 2810	2 × 2810	28100
HEB N 8002 234 12D	800	2	3 ~ 400	3200	7.0	37139	32	10 × 2810	2 × 2810	33720
HEB N 8003 177 12D	800	3	3 ~ 400	4800	10.5	60925	43	5 × 4420	2 × 4420	30940
HEB N 8003 265 12D	800	3	3 ~ 400	4800	10.5	58357	42	8 × 4420	2 × 4420	44200
HEB N 8003 353 12D	800	3	3 ~ 400	4800	10.5	55849	38	10 × 4420	2 × 4420	53040

EVAPORATORS/ 蒸发器 NH3/CO2

AVAILABLE OPTIONS FOR HEB N SERIES:

Defrost options:

- Without defrost (air)
- HG: hot gas
- W: water

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
- Streamers: Air-guiding device for increased airtrow

Casing options:

- White powder-coated painted aluminium: standard models
- SS2: stainless steel AISI SUS304

Other options:

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

HE N 系列选配件:

化霜:

- 无化霜 (空气)
- HG: 热氟
- W: 水

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

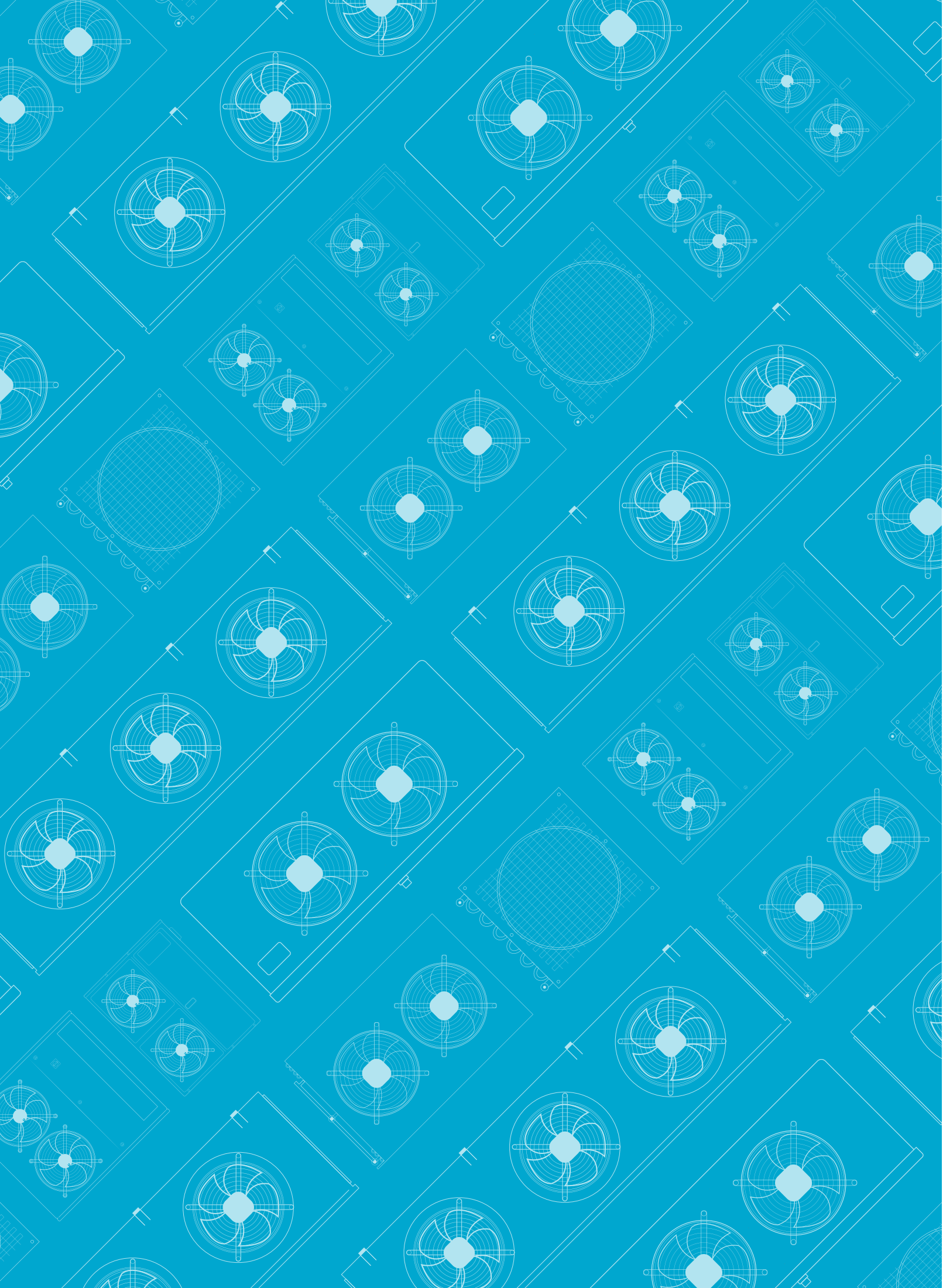
- EC风机
- 风筒电加热
- 导风筒: 增加射程

外壳:

- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

其他:

- 双接水盘 (低温工况推荐)
- 电化霜热保护器





DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

EVAPORADORES TIPO TECHO

The HED N 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 HED N range are built with geometries of recognized high efficiency, with special profile aluminum fins and $\varnothing 15$ mm high quality stainless steel tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

The HED N 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:

- HED N 25XX XX 4.5X: with 4.5 mm pitch ($R_t \geq 0^\circ\text{C}$)
- HED N 35XX XX 4X and above: with 4 mm pitch ($R_t \geq 0^\circ\text{C}$)

For medium temperatures in the cold room:

- HED N 35XX XX 6X: with 6 mm pitch ($R_t \geq -18^\circ\text{C}$)
- HED N 40XX XX 7X and above: with 7 mm pitch ($R_t \geq -20^\circ\text{C}$)

For low temperatures in the cold room:

- HED N Plus 40XX XX 9X and above: with 9 mm pitch ($R_t \geq -35^\circ\text{C}$)
- HED N 40XX XX 10X and above: with 10 mm pitch ($R_t \geq -35^\circ\text{C}$)

HED N SERIES EVAPORATOR

蒸发器系列 HED N

HED N系列双出风蒸发器适用于中低空间高度冷库的冷冻冷藏需求，同时也能应用于工作间。

HED N的高效内芯采用铝箔和 $\varnothing 15$ mm高质量不锈钢管，具有较高的换热性能。所有内芯均经过清洁和30bar保压测试。

HED N有多种片距，满足不同温度的应用：

高温库或工作间：

- HED N 25XX XX 4.5X: 4.5mm片距 ($R_t \geq 0^\circ\text{C}$)
- HED N 35XX XX 4X及以上: 4mm片距 ($R_t \geq 0^\circ\text{C}$)

中温库：

- HED N 35XX XX 6X: 6mm片距 ($R_t \geq -18^\circ\text{C}$)
- HED N 40XX XX 7X及以上: 7mm片距 ($R_t \geq -20^\circ\text{C}$)

低温库：

- HED N Plus 40XX XX 9X及以上: 9mm片距 ($R_t \geq -35^\circ\text{C}$)
- HED N 40XX XX 10X及以上: 10mm片距 ($R_t \geq -35^\circ\text{C}$)

HED N & HED Plus N SERIES EVAPORATOR

蒸发器系列 HED N & HED Plus N

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

-ø250, 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°C.

-ø450, 500, 630, 800 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.

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 (depending on the model) 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.

标准的风机配置如下:

-ø250, 350, 400 mm: 单相230V/1/50Hz外转子电机, 带K网罩和短出风口. 工作温度-40°C至+40°C。

-ø450, 500, 630, 800 mm: 三相400V/3/50Hz外转子电机, 带K网罩和短出风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

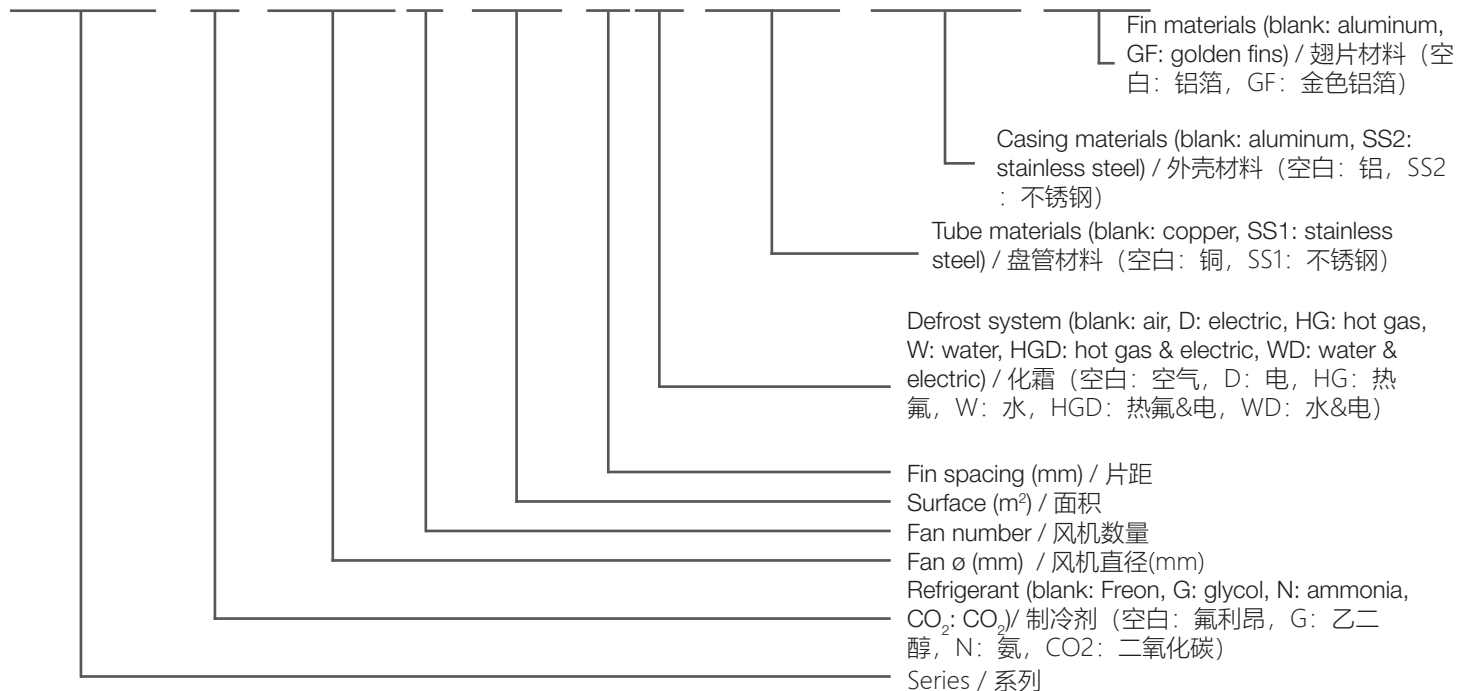
电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

所有电器有效接地。电线均接入防护等级IP65的电器盒内。

可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

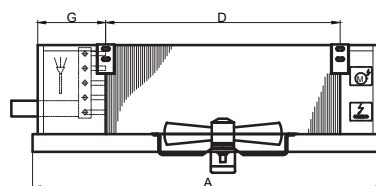
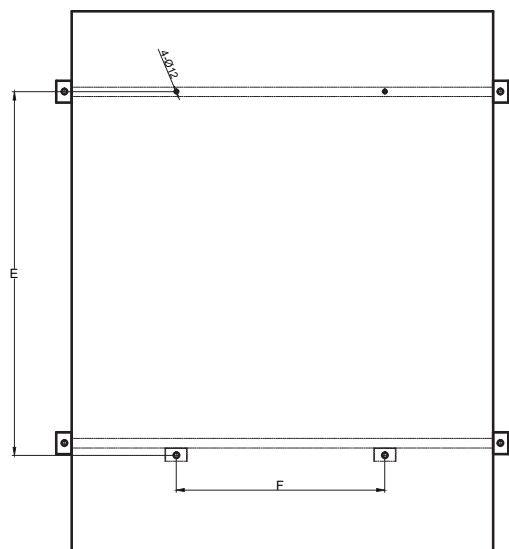
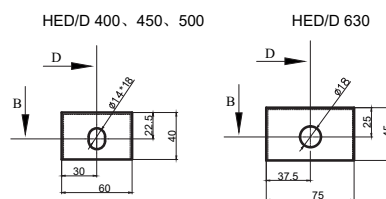
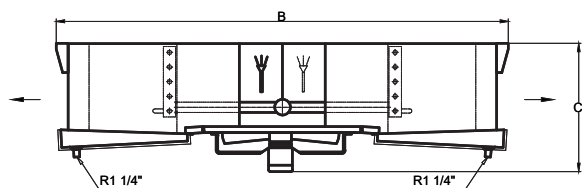
HED N 4502 82 7D SS1 SS2 GF



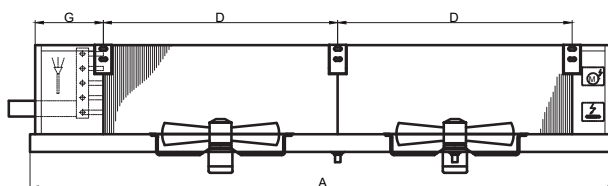
DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

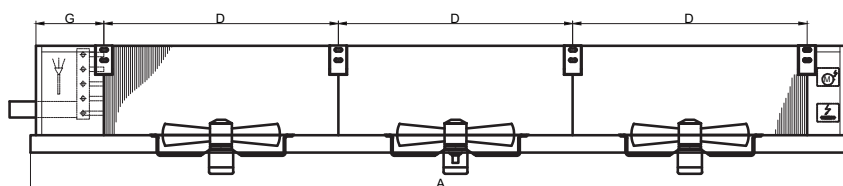
NH3



HED N/D
4001/4501/5001/6301



HED N/D
4002/4502/5002/6302



HED N/D
4003/4503/5003/6303

HED N & HED Plus N SERIES EVAPORATOR

蒸发器系列 HED N & HED Plus N

Model / 型号	Dimensions / 尺寸 (mm)						
	A	B	C	D	E	F	G
HED N 4001...	1000	1555	435	600	655	565	190
HED N 4002...	1600	1555	435	600	1255	565	190
HED N 4003...	2280	1555	435	600	1855	565	230
HED N 4501...	1200	1555	450	800	855	565	190
HED N 4502...	2000	1555	450	800	1655	565	190
HED N 4503...	2880	1555	450	800	2455	565	230
HED N 5001...	1480	1555	450	1000	1055	565	230
HED N 5002...	2480	1555	450	1000	2055	565	230
HED N 5003...	3520	1555	450	1000	3055	565	250
HED N 6301...	1850	1935	450	1200	1255	745	315
HED N 6302...	3050	1935	450	1200	2455	745	315
HED N 6303...	4350	1935	450	1200	3655	745	415
*HED N 6301...	1850	1935	550	1200	1255	745	315
*HED N 6302...	3050	1935	550	1200	2455	745	315
*HED N 6303...	4350	1935	550	1200	3655	745	315

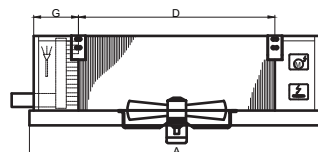
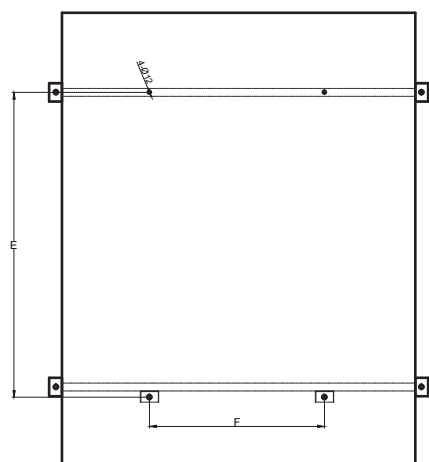
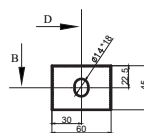
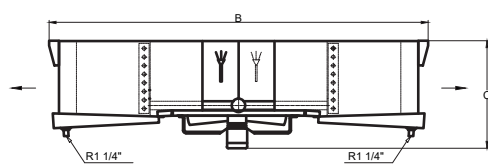
Dimensions for models with *.

带*型号尺寸。

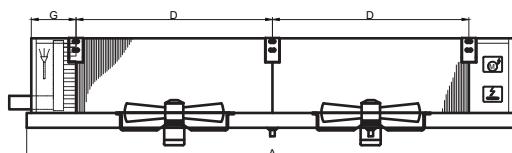
DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

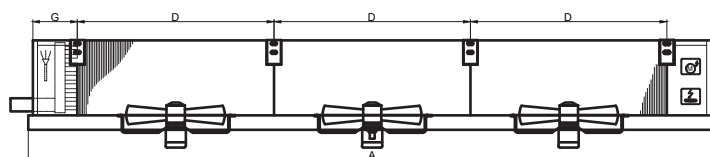
NH3



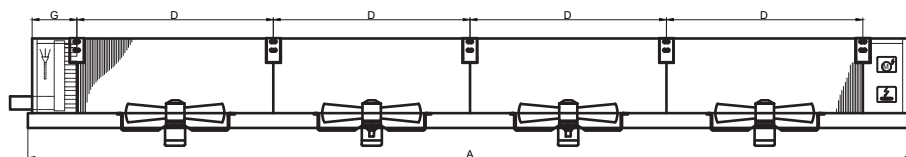
HED/D PLUS N
4001/4501/5001/6301/8001



HED/D PLUS N
4002/4502/5002/6302/8002



HED/D PLUS N
4003/4503/5003/6303/8003



HED/D PLUS N
4004/4504/5004/6304

HED N & HED Plus N SERIES EVAPORATOR

蒸发器系列 HED N & HED Plus N

Model / 型号	Dimensions / 尺寸 (mm)						
	A	B	C	D	E	F	G
HED Plus N 4001...	1000	1390	415	600	655	565	190
HED Plus N 4002...	1640	1390	415	600	1255	565	210
HED Plus N 4003...	2280	1390	415	600	1855	565	230
HED Plus N 4004...	2880	1390	415	600	2455	565	230
HED Plus N 4501...	1200	1390	430	800	855	565	190
HED Plus N 4502...	2040	1390	430	800	1655	565	210
HED Plus N 4503...	2880	1390	430	800	2455	565	230
HED Plus N 4504...	3680	1390	430	800	3255	565	230
HED Plus N 5001...	1480	1530	430	1000	1055	565	230
HED Plus N 5002...	2480	1530	430	1000	2055	565	230
HED Plus N 5003...	3520	1530	430	1000	3055	565	250
HED Plus N 5004...	4520	1530	430	1000	4055	565	250
HED Plus N 6301...	1850	1705	570	1200	1255	745	315
HED Plus N 6302...	3050	1705	570	1200	2455	745	315
HED Plus N 6303...	4350	1705	570	1200	3655	745	365
HED Plus N 6304...	5550	1705	570	1200	4855	745	365
HED Plus N 8001...	2050	2020	750	1400	1455	1060	315
HED Plus N 8002...	3450	2020	750	1400	2855	1060	315
HED Plus N 8003...	4850	2020	750	1400	4255	1060	315

EVAPORATORS / 蒸发器 NH3/CO2

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

NH3

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

片距4mm, 带电加热。库温>=0°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = 0°C	t _e = -8°C				Inlet/ 进口	Outlet/ 出口
	DT1=10K	DT1=8K					
HED N 4001 36 4D	6.38	4.02	34.7	4.2	79	16	27
HED N 4002 72 4D	15.31	10.22	69.5	8.5	127	16	27
HED N 4003 108 4D	22.33	15.40	104.3	12.7	168	16	27
HED N 4501 48 4D	9.82	6.37	46.3	5.6	88	16	27
HED N 4502 96 4D	20.96	14.46	92.7	11.3	146	16	27
HED N 4503 144 4D	32.10	21.55	139.1	17.0	200	22	60
HED N 5001 90 4D	18.95	12.96	86.9	10.6	126	16	27
HED N 5002 180 4D	38.28	26.22	173.9	21.2	215	22	60
HED N 5003 270 4D	57.60	39.49	260.9	31.8	295	27	60
HED N 6301 144 4D	30.02	20.39	138.9	16.9	191	22	60
HED N 6302 288 4D	59.75	41.50	278.2	33.9	334	27	60
HED N 6303 432 4D	88.15	61.61	417.4	50.9	497	27	60

EVAPORATORS/ 蒸发器 NH3/CO2

HED N & HED Plus N SERIES EVAPORATOR

蒸发器系列 HED N & HED Plus N

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

片距4mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	Nº	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HED N 4001 36 4D	400	1	1 ~ 230	177	0.3	3174	2 × 5	4 × 700	2 × 700	4200
HED N 4002 72 4D	400	2	1 ~ 230	354	0.6	6328	2 × 7	4 × 1510	2 × 1510	9060
HED N 4003 108 4D	400	3	1 ~ 230	531	0.9	9486	2 × 8	4 × 1700	2 × 1700	10200
HED N 4501 48 4D	450	1	3 ~ 400	350	1.1	4626	2 × 7	4 × 850	2 × 850	5100
HED N 4502 96 4D	450	2	3 ~ 400	700	2.2	9221	2 × 9	4 × 1800	2 × 1800	10800
HED N 4503 144 4D	450	3	3 ~ 400	1050	3.3	13848	2 × 11	4 × 2740	2 × 2740	16440
HED N 5001 90 4D	500	1	3 ~ 400	577	1.4	6612	2 × 9	4 × 1280	4 × 1280	10240
HED N 5002 180 4D	500	2	3 ~ 400	1154	2.8	13229	2 × 10	4 × 2320	4 × 2320	18560
HED N 5003 270 4D	500	3	3 ~ 400	1731	4.1	19845	2 × 13	4 × 3200	4 × 3200	25600
HED N 6301 144 4D	630	1	3 ~ 400	1118	2.3	9375	2 × 9	6 × 1510	4 × 1510	15100
HED N 6302 288 4D	630	2	3 ~ 400	2236	4.5	18739	2 × 11	6 × 2740	4 × 2740	27400
HED N 6303 432 4D	630	3	3 ~ 400	3354	6.8	28105	2 × 13	6 × 3800	4 × 3800	38000

EVAPORATORS/ 蒸发器 NH3/CO2

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

NH3

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K					
HED N 4001 31 7D	4.74	3.80	30.6	6.3	82	16	27
HED N 4002 62 7D	10.81	7.54	61.3	12.7	132	16	27
HED N 4003 93 7D	15.15	9.43	92.0	19.1	176	16	27
HED N 4501 41 7D	7.20	5.51	40.8	8.5	92	16	27
HED N 4502 82 7D	14.46	9.31	81.8	17.0	154	16	27
HED N 4503 123 7D	22.76	16.02	122.7	25.5	211	22	60
HED N 5001 51 7D	10.48	7.61	51.1	10.6	117	16	27
HED N 5002 103 7D	21.15	15.45	102.3	21.2	198	22	60
HED N 5003 155 7D	31.81	23.29	153.5	31.8	270	27	60
HED N 6301 82 7D	16.96	13.01	81.7	16.9	177	22	60
*HED N 6301 103 7D	21.27	15.21	108.9	22.6	189	22	60
HED N 6302 165 7D	35.26	25.32	163.6	33.9	307	27	60
*HED N 6302 206 7D	42.87	30.85	218.1	45.2	331	27	60
HED N 6303 247 7D	52.89	36.83	245.5	50.9	456	27	60
*HED N 6303 309 7D	61.58	39.51	327.3	67.9	492	27	60

EVAPORATORS/ 蒸发器 NH3/CO2

HED N & HED Plus N SERIES EVAPORATOR

蒸发器系列 HED N & HED Plus N

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HED N 4001 31 7D	400	1	1 ~ 230	177	0.3	3124	2 × 6	4 × 700	4 × 700	5600
HED N 4002 62 7D	400	2	1 ~ 230	354	0.6	6237	2 × 7	4 × 1510	4 × 1510	12080
HED N 4003 93 7D	400	3	1 ~ 230	531	0.9	9352	2 × 8	4 × 1700	4 × 1700	13600
HED N 4501 41 7D	450	1	3 ~ 400	350	1.1	4517	2 × 8	4 × 850	4 × 850	6800
HED N 4502 82 7D	450	2	3 ~ 400	700	2.2	9019	2 × 9	4 × 1800	4 × 1800	14400
HED N 4503 123 7D	450	3	3 ~ 400	1050	3.3	13538	2 × 11	4 × 2740	4 × 2740	21920
HED N 5001 51 7D	500	1	3 ~ 400	577	1.4	7056	2 × 9	4 × 1280	4 × 1280	10240
HED N 5002 103 7D	500	2	3 ~ 400	1154	2.8	14115	2 × 11	4 × 2320	4 × 2320	18560
HED N 5003 155 7D	500	3	3 ~ 400	1731	4.1	21175	2 × 13	4 × 3200	4 × 3200	25600
HED N 6301 82 7D	630	1	3 ~ 400	1118	2.3	10371	2 × 10	6 × 1510	4 × 1510	15100
*HED N 6301 103 7D	630	1	3 ~ 400	1118	2.3	11605	2 × 9	8 × 1510	4 × 1510	18120
HED N 6302 165 7D	630	2	3 ~ 400	2236	4.5	20724	2 × 12	6 × 2740	4 × 2740	27400
*HED N 6302 206 7D	630	2	3 ~ 400	2236	4.5	23218	2 × 11	8 × 2740	4 × 2740	32880
HED N 6303 247 7D	630	3	3 ~ 400	3354	6.8	31078	2 × 14	6 × 3800	4 × 3800	38000
*HED N 6303 309 7D	630	3	3 ~ 400	3354	6.8	34806	2 × 13	8 × 3800	4 × 3800	45600

EVAPORATORS/ 蒸发器 NH3/CO2

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

NH3

FIN SPACING 10 mm, with electrical defrost. Rt>=-35°C

片距10mm, 带电加热。库温>=-35°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K					
HED N 4001 22 10D	3.96	3.19	22.0	6.3	80	16	27
HED N 4002 43 10D	9.25	6.58	44.1	12.7	129	16	27
HED N 4003 65 10D	13.37	8.57	66.3	19.1	171	16	27
HED N 4501 29 10D	6.11	4.70	29.4	8.5	89	16	27
HED N 4502 58 10D	12.73	8.41	58.9	17.0	149	16	27
HED N 4503 86 10D	19.59	14.01	88.4	25.5	204	22	60
HED N 5001 36 10D	8.93	6.59	36.8	10.6	114	16	27
HED N 5002 72 10D	17.97	13.33	73.6	21.2	192	22	60
HED N 5003 108 10D	27.02	20.08	110.5	31.8	261	27	60
HED N 6301 58 10D	14.63	11.35	58.8	16.9	172	22	60
*HED N 6301 72 10D	18.52	13.46	78.4	22.6	184	22	60
HED N 6302 115 10D	30.76	22.49	117.8	33.9	298	27	60
*HED N 6302 144 10D	37.25	27.23	157.0	45.2	320	27	60
HED N 6303 173 10D	46.43	33.01	176.7	50.9	442	27	60
*HED N 6303 216 10D	54.92	36.17	235.6	67.9	475	27	60

EVAPORATORS/ 蒸发器 NH3/CO2

HED N & HED Plus N SERIES EVAPORATOR

蒸发器系列 HED N & HED Plus N

FIN SPACING 10 mm, with electrical defrost. Rt>=-35°C

片距10mm, 带电加热。库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/总 功率 (W)
HED N 4001 22 10D	400	1	1 ~ 230	177	0.3	3202	2 × 6	4 × 700	4 × 700	5600
HED N 4002 43 10D	400	2	1 ~ 230	354	0.6	6393	2 × 7	4 × 1510	4 × 1510	12080
HED N 4003 65 10D	400	3	1 ~ 230	531	0.9	9586	2 × 8	4 × 1700	4 × 1700	13600
HED N 4501 29 10D	450	1	3 ~ 400	350	1.1	4697	2 × 8	4 × 850	4 × 850	6800
HED N 4502 58 10D	450	2	3 ~ 400	700	2.2	9377	2 × 9	4 × 1800	4 × 1800	14400
HED N 4503 86 10D	450	3	3 ~ 400	1050	3.3	14075	2 × 11	4 × 2740	4 × 2740	21920
HED N 5001 36 10D	500	1	3 ~ 400	577	1.4	7302	2 × 8	4 × 1280	4 × 1280	10240
HED N 5002 72 10D	500	2	3 ~ 400	1154	2.8	14607	2 × 10	4 × 2320	4 × 2320	18560
HED N 5003 108 10D	500	3	3 ~ 400	1731	4.1	21911	2 × 12	4 × 3200	4 × 3200	25600
HED N 6301 58 10D	630	1	3 ~ 400	1118	2.3	10894	2 × 11	6 × 1510	4 × 1510	15100
*HED N 6301 72 10D	630	1	3 ~ 400	1118	2.3	12053	2 × 10	8 × 1510	4 × 1510	18120
HED N 6302 115 10D	630	2	3 ~ 400	2236	4.5	21763	2 × 13	6 × 2740	4 × 2740	27400
*HED N 6302 144 10D	630	2	3 ~ 400	2236	4.5	24115	2 × 12	8 × 2740	4 × 2740	32880
HED N 6303 173 10D	630	3	3 ~ 400	3354	6.8	32634	2 × 15	6 × 3800	4 × 3800	38000
*HED N 6303 216 10D	630	3	3 ~ 400	3354	6.8	36146	2 × 14	8 × 3800	4 × 3800	45600

EVAPORATORS/ 蒸发器 NH3/CO2

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

NH3

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

片距4mm, 带电加热。库温>=0°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = 0°C	t _e = -8°C				Inlet/ 进口	Outlet/ 出口
	DT1=10K	DT1=8K					
HED Plus N 4001 23 4D	7.90	5.16	22.8	3.8	69	16	22
HED Plus N 4001 34 4D	9.65	6.38	34.2	5.8	77	16	27
HED Plus N 4002 46 4D	15.81	10.33	45.6	7.7	116	16	34
HED Plus N 4002 68 4D	20.71	14.07	68.4	11.5	129	16	34
HED Plus N 4003 68 4D	25.60	17.22	68.4	11.5	154	16	42
HED Plus N 4003 103 4D	31.10	21.12	102.6	17.3	175	22	34
HED Plus N 4004 91 4D	34.97	23.82	91.2	15.3	200	22	34
HED Plus N 4004 137 4D	42.53	29.23	136.8	23.0	225	22	42
HED Plus N 4501 30 4D	11.69	7.83	30.4	5.1	79	16	22
HED Plus N 4501 46 4D	14.76	10.18	45.6	7.7	89	16	22
HED Plus N 4502 61 4D	23.42	15.70	60.8	10.2	134	16	34
HED Plus N 4502 91 4D	29.65	20.46	91.2	15.3	152	16	34
HED Plus N 4503 91 4D	36.57	25.00	91.2	15.3	181	22	42
HED Plus N 4503 137 4D	44.54	30.75	136.8	23.0	206	22	34
HED Plus N 4504 122 4D	48.26	32.80	121.1	19.2	235	22	42
HED Plus N 4504 182 4D	59.43	41.03	182.4	30.7	271	27	42
HED Plus N 5001 57 4D	21.39	14.59	57.0	9.6	114	16	34
HED Plus N 5001 76 4D	23.54	16.22	76.0	12.8	126	16	34
HED Plus N 5002 114 4D	42.91	29.28	114.0	19.2	196	22	42
HED Plus N 5002 152 4D	47.19	32.53	152.0	25.6	219	22	42
HED Plus N 5003 171 4D	64.73	44.75	171.0	28.8	265	27	42
HED Plus N 5003 228 4D	71.69	49.95	228.0	38.4	298	27	42
HED Plus N 5004 228 4D	85.94	58.67	228.0	38.4	349	27	60
HED Plus N 5004 304 4D	94.48	65.13	303.9	51.2	395	27	60
HED Plus N 6301 103 4D	39.37	27.03	102.6	17.3	172	22	34
HED Plus N 6301 137 4D	44.05	30.31	136.8	23.0	193	22	34
HED Plus N 6302 205 4D	79.19	54.25	205.2	34.5	299	27	60
HED Plus N 6302 274 4D	88.37	60.84	273.6	46.0	338	27	60
HED Plus N 6303 308 4D	118.94	81.75	307.7	51.8	410	27	60
HED Plus N 6303 410 4D	132.97	91.82	410.3	69.1	474	27	60
HED Plus N 6304 410 4D	158.67	108.74	410.3	69.1	547	27	76
HED Plus N 6304 547 4D	177.02	121.89	547.1	92.1	627	27	76
HED Plus N 8001 160 4D	54.26	37.21	159.6	26.9	248	22	42
HED Plus N 8001 213 4D	59.88	41.41	212.8	35.8	310	27	42
HED Plus N 8002 319 4D	108.97	74.77	319.1	53.7	432	27	60
HED Plus N 8002 426 4D	120.15	83.12	425.5	71.6	492	27	60
HED Plus N 8003 479 4D	162.00	110.22	478.7	80.6	593	2 × 22	2 × 60
HED Plus N 8003 638 4D	178.14	122.25	638.3	107.4	680	2 × 22	2 × 60

EVAPORATORS/ 蒸发器 NH3/CO2

HED N & HED Plus N SERIES EVAPORATOR

蒸发器系列 HED N & HED Plus N

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

片距4mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HED Plus N 4001 23 4D	400	1	1 ~ 230	177	0.3	3098	2 × 5	4 × 750	2 × 750	4500
HED Plus N 4001 34 4D	400	1	1 ~ 230	177	0.3	2853	2 × 5	4 × 750	4 × 750	6000
HED Plus N 4002 46 4D	400	2	1 ~ 230	354	0.6	6195	2 × 6	4 × 1250	2 × 1250	7500
HED Plus N 4002 68 4D	400	2	1 ~ 230	354	0.6	5700	2 × 6	4 × 1250	4 × 1250	10000
HED Plus N 4003 68 4D	400	3	1 ~ 230	531	0.9	9282	2 × 8	4 × 1700	2 × 1700	10200
HED Plus N 4003 103 4D	400	3	1 ~ 230	531	0.9	8549	2 × 7	4 × 1700	4 × 1700	13600
HED Plus N 4004 91 4D	400	4	1 ~ 230	708	1.2	12371	2 × 9	4 × 2740	2 × 2740	16440
HED Plus N 4004 137 4D	400	4	1 ~ 230	708	1.2	11393	2 × 8	4 × 2740	4 × 2740	21920
HED Plus N 4501 30 4D	450	1	3 ~ 400	350	1.1	4464	2 × 7	4 × 730	2 × 730	4380
HED Plus N 4501 46 4D	450	1	3 ~ 400	350	1.1	4081	2 × 6	4 × 730	4 × 730	5840
HED Plus N 4502 61 4D	450	2	3 ~ 400	700	2.2	8928	2 × 8	4 × 1800	2 × 1800	10800
HED Plus N 4502 91 4D	450	2	3 ~ 400	700	2.2	8162	2 × 7	4 × 1800	4 × 1800	14400
HED Plus N 4503 91 4D	450	3	3 ~ 400	1050	3.3	13380	2 × 9	4 × 2740	2 × 2740	16440
HED Plus N 4503 137 4D	450	3	3 ~ 400	1050	3.3	12243	2 × 9	4 × 2740	4 × 2740	21920
HED Plus N 4504 122 4D	450	4	3 ~ 400	1400	4.4	17845	2 × 11	4 × 3800	2 × 3800	22800
HED Plus N 4504 182 4D	450	4	3 ~ 400	1400	4.4	16323	2 × 10	4 × 3800	4 × 3800	30400
HED Plus N 5001 57 4D	500	1	3 ~ 400	577	1.4	6369	2 × 8	4 × 1280	4 × 1280	10240
HED Plus N 5001 76 4D	500	1	3 ~ 400	577	1.4	5906	2 × 8	6 × 1280	4 × 1280	12800
HED Plus N 5002 114 4D	500	2	3 ~ 400	1154	2.8	12738	2 × 10	4 × 2320	4 × 2320	18560
HED Plus N 5002 152 4D	500	2	3 ~ 400	1154	2.8	11811	2 × 9	6 × 2320	4 × 2320	23200
HED Plus N 5003 171 4D	500	3	3 ~ 400	1731	4.1	19095	2 × 12	4 × 3200	4 × 3200	25600
HED Plus N 5003 228 4D	500	3	3 ~ 400	1731	4.1	17708	2 × 11	6 × 3200	4 × 3200	32000
HED Plus N 5004 228 4D	500	4	3 ~ 400	2308	5.5	25475	2 × 14	4 × 4260	4 × 4260	34080
HED Plus N 5004 304 4D	500	4	3 ~ 400	2308	5.5	23621	2 × 13	6 × 4260	4 × 4260	42600
HED Plus N 6301 103 4D	630	1	3 ~ 400	1118	2.3	11650	2 × 10	6 × 1250	4 × 1250	12500
HED Plus N 6301 137 4D	630	1	3 ~ 400	1118	2.3	10920	2 × 10	8 × 1250	4 × 1250	15000
HED Plus N 6302 205 4D	630	2	3 ~ 400	2236	4.5	23302	2 × 13	6 × 2740	4 × 2740	27400
HED Plus N 6302 274 4D	630	2	3 ~ 400	2236	4.5	21840	2 × 12	8 × 2740	4 × 2740	32880
HED Plus N 6303 308 4D	630	3	3 ~ 400	3354	6.8	34948	2 × 15	6 × 3800	4 × 3800	38000
HED Plus N 6303 410 4D	630	3	3 ~ 400	3354	6.8	32757	2 × 14	8 × 3800	4 × 3800	45600
HED Plus N 6304 410 4D	630	4	3 ~ 400	4472	9.0	46604	2 × 18	6 × 5060	4 × 5060	50600
HED Plus N 6304 547 4D	630	4	3 ~ 400	4472	9.0	43680	2 × 17	8 × 5060	4 × 5060	60720
HED Plus N 8001 160 4D	800	1	3 ~ 400	1369	3.4	15026	2 × 11	8 × 1700	4 × 1700	20400
HED Plus N 8001 213 4D	800	1	3 ~ 400	1369	3.4	14129	2 × 10	10 × 1700	4 × 1700	23800
HED Plus N 8002 319 4D	800	2	3 ~ 400	2738	6.7	30051	2 × 13	8 × 2810	4 × 2810	33720
HED Plus N 8002 426 4D	800	2	3 ~ 400	2738	6.7	28257	2 × 12	10 × 2810	4 × 2810	39340
HED Plus N 8003 479 4D	800	3	3 ~ 400	4107	10.1	45089	2 × 16	8 × 4420	4 × 4420	53040
HED Plus N 8003 638 4D	800	3	3 ~ 400	4107	10.1	42395	2 × 15	10 × 4420	4 × 4420	61880

EVAPORATORS/ 蒸发器 NH3/CO2

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

NH3

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

片距6mm, 带电化霜库温>=-18°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K					
HED Plus N 4001 16 6D	4.13	3.22	15.6	3.6	69	16	22
HED Plus N 4001 24 6D	5.39	4.20	23.4	5.4	75	16	27
HED Plus N 4002 31 6D	8.10	6.36	31.0	6.7	114	16	27
HED Plus N 4002 47 6D	12.02	8.93	46.7	10.6	126	16	34
HED Plus N 4003 47 6D	13.77	10.25	46.5	10.1	151	16	42
HED Plus N 4003 71 6D	18.33	13.56	70.6	17.3	171	22	42
HED Plus N 4004 63 6D	19.70	14.16	62.7	15.3	196	22	42
HED Plus N 4004 94 6D	25.54	18.58	94.1	23.0	220	22	42
HED Plus N 4501 21 6D	6.47	4.86	20.9	5.1	78	16	22
HED Plus N 4501 31 6D	8.89	6.42	31.4	7.7	87	16	22
HED Plus N 4502 42 6D	12.96	9.75	41.8	10.2	132	16	22
HED Plus N 4502 63 6D	17.85	12.97	62.7	15.3	148	16	34
HED Plus N 4503 63 6D	20.84	15.00	62.7	15.3	177	22	42
HED Plus N 4503 94 6D	26.82	19.52	94.1	23.0	201	22	42
HED Plus N 4504 84 6D	27.15	19.80	83.1	19.2	231	22	42
HED Plus N 4504 125 6D	35.78	26.05	125.4	30.7	264	27	42
HED Plus N 5001 39 6D	12.59	9.22	39.2	9.6	112	16	27
HED Plus N 5001 52 6D	14.55	10.71	52.3	12.8	123	16	34
HED Plus N 5002 78 6D	25.25	18.52	78.4	19.2	192	22	42
HED Plus N 5002 105 6D	29.17	21.52	104.5	25.6	213	22	42
HED Plus N 5003 118 6D	39.14	27.55	117.6	28.8	258	27	42
HED Plus N 5003 157 6D	45.34	32.43	156.8	38.4	289	27	42
HED Plus N 5004 157 6D	50.57	37.12	156.8	38.4	340	27	42
HED Plus N 5004 209 6D	58.40	43.14	209.1	51.2	383	27	42
HED Plus N 6301 71 6D	23.44	16.55	70.6	17.3	168	22	42
HED Plus N 6301 94 6D	27.16	19.70	94.1	23.0	188	22	42
HED Plus N 6302 141 6D	46.77	33.63	141.1	34.5	292	27	42
HED Plus N 6302 188 6D	54.47	39.65	188.2	46.0	328	27	60
HED Plus N 6303 212 6D	70.77	50.34	211.7	51.8	398	27	60
HED Plus N 6303 282 6D	82.50	59.53	282.2	69.1	458	27	60
HED Plus N 6304 282 6D	93.70	67.52	282.2	69.1	531	27	60
HED Plus N 6304 376 6D	109.11	79.57	376.3	92.1	606	27	60
HED Plus N 8001 110 6D	32.28	22.93	109.8	26.9	242	22	76
HED Plus N 8001 146 6D	37.53	26.98	146.3	35.8	302	27	76
HED Plus N 8002 220 6D	64.80	46.22	219.5	53.7	420	27	42
HED Plus N 8002 293 6D	75.28	54.33	292.7	71.6	476	27	60
HED Plus N 8003 329 6D	94.61	69.01	329.3	80.6	574	2 × 22	76
HED Plus N 8003 439 6D	109.81	80.69	439.0	107.4	655	2 × 22	2 × 60

EVAPORATORS/ 蒸发器 NH3/CO2

HED N & HED Plus N SERIES EVAPORATOR

蒸发器系列 HED N & HED Plus N

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

片距6mm, 带电化霜库温>=-18°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HED Plus N 4001 16 6D	400	1	1 ~ 230	177	0.3	3189	2 × 6	4 × 750	2 × 750	4500
HED Plus N 4001 24 6D	400	1	1 ~ 230	177	0.3	2998	2 × 5	4 × 750	4 × 750	6000
HED Plus N 4002 31 6D	400	2	1 ~ 230	354	0.6	6379	2 × 7	4 × 1250	2 × 1250	7500
HED Plus N 4002 47 6D	400	2	1 ~ 230	354	0.6	5988	2 × 6	4 × 1250	4 × 1250	10000
HED Plus N 4003 47 6D	400	3	1 ~ 230	531	0.9	9556	2 × 8	4 × 1700	2 × 1700	10200
HED Plus N 4003 71 6D	400	3	1 ~ 230	531	0.9	8980	2 × 7	4 × 1700	4 × 1700	13600
HED Plus N 4004 63 6D	400	4	1 ~ 230	708	1.2	12734	2 × 9	4 × 2740	2 × 2740	16440
HED Plus N 4004 94 6D	400	4	1 ~ 230	708	1.2	11966	2 × 9	4 × 2740	4 × 2740	21920
HED Plus N 4501 21 6D	450	1	3 ~ 400	350	1.1	4664	2 × 7	4 × 730	2 × 730	4380
HED Plus N 4501 31 6D	450	1	3 ~ 400	350	1.1	4288	2 × 6	4 × 730	4 × 730	5840
HED Plus N 4502 42 6D	450	2	3 ~ 400	700	2.2	9328	2 × 8	4 × 1800	2 × 1800	10800
HED Plus N 4502 63 6D	450	2	3 ~ 400	700	2.2	8576	2 × 8	4 × 1800	4 × 1800	14400
HED Plus N 4503 63 6D	450	3	3 ~ 400	1050	3.3	13976	2 × 10	4 × 2740	2 × 2740	16440
HED Plus N 4503 94 6D	450	3	3 ~ 400	1050	3.3	12864	2 × 9	4 × 2740	4 × 2740	21920
HED Plus N 4504 84 6D	450	4	3 ~ 400	1400	4.4	18641	2 × 12	4 × 3800	2 × 3800	22800
HED Plus N 4504 125 6D	450	4	3 ~ 400	1400	4.4	17152	2 × 11	4 × 3800	4 × 3800	30400
HED Plus N 5001 39 6D	500	1	3 ~ 400	577	1.4	6695	2 × 9	4 × 1280	4 × 1280	10240
HED Plus N 5001 52 6D	500	1	3 ~ 400	577	1.4	6250	2 × 8	6 × 1280	4 × 1280	12800
HED Plus N 5002 78 6D	500	2	3 ~ 400	1154	2.8	13390	2 × 10	4 × 2320	4 × 2320	18560
HED Plus N 5002 105 6D	500	2	3 ~ 400	1154	2.8	12500	2 × 10	6 × 2320	4 × 2320	23200
HED Plus N 5003 118 6D	500	3	3 ~ 400	1731	4.1	20071	2 × 12	4 × 3200	4 × 3200	25600
HED Plus N 5003 157 6D	500	3	3 ~ 400	1731	4.1	18739	2 × 12	6 × 3200	4 × 3200	32000
HED Plus N 5004 157 6D	500	4	3 ~ 400	2308	5.5	26780	2 × 15	4 × 4260	4 × 4260	34080
HED Plus N 5004 209 6D	500	4	3 ~ 400	2308	5.5	25000	2 × 14	6 × 4260	4 × 4260	42600
HED Plus N 6301 71 6D	630	1	3 ~ 400	1118	2.3	12149	2 × 11	6 × 1250	4 × 1250	12500
HED Plus N 6301 94 6D	630	1	3 ~ 400	1118	2.3	11467	2 × 10	8 × 1250	4 × 1250	15000
HED Plus N 6302 141 6D	630	2	3 ~ 400	2236	4.5	24301	2 × 13	6 × 2740	4 × 2740	27400
HED Plus N 6302 188 6D	630	2	3 ~ 400	2236	4.5	22934	2 × 12	8 × 2740	4 × 2740	32880
HED Plus N 6303 212 6D	630	3	3 ~ 400	3354	6.8	36446	2 × 16	6 × 3800	4 × 3800	38000
HED Plus N 6303 282 6D	630	3	3 ~ 400	3354	6.8	34396	2 × 15	8 × 3800	4 × 3800	45600
HED Plus N 6304 282 6D	630	4	3 ~ 400	4472	9.0	48601	2 × 19	6 × 5060	4 × 5060	50600
HED Plus N 6304 376 6D	630	4	3 ~ 400	4472	9.0	45867	2 × 18	8 × 5060	4 × 5060	60720
HED Plus N 8001 110 6D	800	1	3 ~ 400	1369	3.4	15549	2 × 11	8 × 1700	4 × 1700	20400
HED Plus N 8001 146 6D	800	1	3 ~ 400	1369	3.4	14830	2 × 11	10 × 1700	4 × 1700	23800
HED Plus N 8002 220 6D	800	2	3 ~ 400	2738	6.7	31097	2 × 14	8 × 2810	4 × 2810	33720
HED Plus N 8002 293 6D	800	2	3 ~ 400	2738	6.7	29659	2 × 13	10 × 2810	4 × 2810	39340
HED Plus N 8003 329 6D	800	3	3 ~ 400	4107	10.1	46660	2 × 16	8 × 4420	4 × 4420	53040
HED Plus N 8003 439 6D	800	3	3 ~ 400	4107	10.1	44500	2 × 16	10 × 4420	4 × 4420	61880

EVAPORATORS/ 蒸发器 NH₃/CO₂

DUAL DISCHARGE CEILING AIR TYPE EVAPORATORS

双出风蒸发器

NH3

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

片距9mm, 带电化霜库温>=-35°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C				Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K					
HED Plus N 4001 11 9D	3.32	2.57	10.9	3.8	67	16	22
HED Plus N 4001 16 9D	4.51	3.49	16.4	5.8	74	16	22
HED Plus N 4002 22 9D	6.64	5.15	21.9	7.7	112	16	27
HED Plus N 4002 33 9D	10.11	7.47	32.8	11.5	123	16	27
HED Plus N 4003 33 9D	11.21	8.28	32.8	11.5	148	16	34
HED Plus N 4003 49 9D	15.18	11.22	49.2	17.3	166	22	42
HED Plus N 4004 44 9D	15.71	11.38	43.7	15.3	192	22	42
HED Plus N 4004 66 9D	21.26	15.49	65.6	23.0	213	22	42
HED Plus N 4501 15 9D	5.14	3.85	14.6	5.1	76	16	22
HED Plus N 4501 22 9D	7.43	5.41	21.9	7.7	85	16	22
HED Plus N 4502 29 9D	10.30	7.73	29.2	10.2	129	16	22
HED Plus N 4502 44 9D	14.91	10.89	43.7	15.3	144	16	22
HED Plus N 4503 44 9D	16.69	12.08	43.7	15.3	173	22	34
HED Plus N 4503 66 9D	22.38	16.37	65.6	23.0	194	22	42
HED Plus N 4504 58 9D	21.61	15.76	57.8	19.2	225	22	42
HED Plus N 4504 88 9D	29.86	21.86	87.5	30.7	255	27	42
HED Plus N 5001 27 9D	10.43	7.66	27.3	9.6	109	16	27
HED Plus N 5001 37 9D	12.48	9.18	36.5	12.8	120	16	27
HED Plus N 5002 55 9D	20.90	15.37	54.7	19.2	186	22	42
HED Plus N 5002 73 9D	25.01	18.43	72.9	25.6	206	22	42
HED Plus N 5003 82 9D	32.78	23.40	82.0	28.8	250	27	42
HED Plus N 5003 109 9D	39.28	28.33	109.4	38.4	279	27	42
HED Plus N 5004 109 9D	41.84	30.79	109.4	38.4	330	27	42
HED Plus N 5004 146 9D	50.06	36.94	145.8	51.2	369	27	42
HED Plus N 6301 49 9D	19.41	13.86	49.2	17.3	163	22	34
HED Plus N 6301 66 9D	23.25	16.93	65.6	23.0	181	22	42
HED Plus N 6302 98 9D	38.53	27.86	98.4	34.5	282	27	60
HED Plus N 6302 131 9D	46.61	34.03	131.2	46.0	315	27	42
HED Plus N 6303 148 9D	58.49	42.01	147.6	51.8	384	27	60
HED Plus N 6303 197 9D	70.80	51.36	196.8	69.1	439	27	60
HED Plus N 6304 197 9D	77.13	55.89	196.8	69.1	512	27	60
HED Plus N 6304 263 9D	93.32	68.22	262.5	92.1	580	27	60
HED Plus N 8001 77 9D	26.83	19.25	76.6	26.9	234	22	42
HED Plus N 8001 102 9D	32.29	23.35	102.1	35.8	292	27	76
HED Plus N 8002 153 9D	53.81	38.74	153.1	53.7	405	27	42
HED Plus N 8002 204 9D	64.72	46.93	204.1	71.6	456	27	42
HED Plus N 8003 230 9D	77.97	56.96	229.7	80.6	552	2 × 22	76
HED Plus N 8003 306 9D	93.77	68.82	306.2	107.4	625	2 × 22	76

EVAPORATORS/ 蒸发器 NH3/CO2

HED N & HED Plus N SERIES EVAPORATOR

蒸发器系列 HED N & HED Plus N

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

片距9mm, 带电化霜库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HED Plus N 4001 11 9D	400	1	1 ~ 230	177	0.3	3269	2 × 6	4 × 750	2 × 750	4500
HED Plus N 4001 16 9D	400	1	1 ~ 230	177	0.3	3107	2 × 5	4 × 750	4 × 750	6000
HED Plus N 4002 22 9D	400	2	1 ~ 230	354	0.6	6538	2 × 7	4 × 1250	2 × 1250	7500
HED Plus N 4002 33 9D	400	2	1 ~ 230	354	0.6	6207	2 × 6	4 × 1250	4 × 1250	10000
HED Plus N 4003 33 9D	400	3	1 ~ 230	531	0.9	9795	2 × 8	4 × 1700	2 × 1700	10200
HED Plus N 4003 49 9D	400	3	1 ~ 230	531	0.9	9309	2 × 8	4 × 1700	4 × 1700	13600
HED Plus N 4004 44 9D	400	4	1 ~ 230	708	1.2	13055	2 × 10	4 × 2740	2 × 2740	16440
HED Plus N 4004 66 9D	400	4	1 ~ 230	708	1.2	12407	2 × 9	4 × 2740	4 × 2740	21920
HED Plus N 4501 15 9D	450	1	3 ~ 400	350	1.1	4817	2 × 7	4 × 730	2 × 730	4380
HED Plus N 4501 22 9D	450	1	3 ~ 400	350	1.1	4477	2 × 7	4 × 730	4 × 730	5840
HED Plus N 4502 29 9D	450	2	3 ~ 400	700	2.2	9634	2 × 8	4 × 1800	2 × 1800	10800
HED Plus N 4502 44 9D	450	2	3 ~ 400	700	2.2	8954	2 × 8	4 × 1800	4 × 1800	14400
HED Plus N 4503 44 9D	450	3	3 ~ 400	1050	3.3	14439	2 × 10	4 × 2740	2 × 2740	16440
HED Plus N 4503 66 9D	450	3	3 ~ 400	1050	3.3	13431	2 × 9	4 × 2740	4 × 2740	21920
HED Plus N 4504 58 9D	450	4	3 ~ 400	1400	4.4	19257	2 × 12	4 × 3800	2 × 3800	22800
HED Plus N 4504 88 9D	450	4	3 ~ 400	1400	4.4	17907	2 × 11	4 × 3800	4 × 3800	30400
HED Plus N 5001 27 9D	500	1	3 ~ 400	577	1.4	7000	2 × 9	4 × 1280	4 × 1280	10240
HED Plus N 5001 37 9D	500	1	3 ~ 400	577	1.4	6582	2 × 9	6 × 1280	4 × 1280	12800
HED Plus N 5002 55 9D	500	2	3 ~ 400	1154	2.8	14000	2 × 11	4 × 2320	4 × 2320	18560
HED Plus N 5002 73 9D	500	2	3 ~ 400	1154	2.8	13164	2 × 10	6 × 2320	4 × 2320	23200
HED Plus N 5003 82 9D	500	3	3 ~ 400	1731	4.1	20983	2 × 13	4 × 3200	4 × 3200	25600
HED Plus N 5003 109 9D	500	3	3 ~ 400	1731	4.1	19732	2 × 12	6 × 3200	4 × 3200	32000
HED Plus N 5004 109 9D	500	4	3 ~ 400	2308	5.5	27999	2 × 15	4 × 4260	4 × 4260	34080
HED Plus N 5004 146 9D	500	4	3 ~ 400	2308	5.5	26328	2 × 15	6 × 4260	4 × 4260	42600
HED Plus N 6301 49 9D	630	1	3 ~ 400	1118	2.3	12518	2 × 11	6 × 1250	4 × 1250	12500
HED Plus N 6301 66 9D	630	1	3 ~ 400	1118	2.3	11978	2 × 11	8 × 1250	4 × 1250	15000
HED Plus N 6302 98 9D	630	2	3 ~ 400	2236	4.5	25038	2 × 13	6 × 2740	4 × 2740	27400
HED Plus N 6302 131 9D	630	2	3 ~ 400	2236	4.5	23955	2 × 13	8 × 2740	4 × 2740	32880
HED Plus N 6303 148 9D	630	3	3 ~ 400	3354	6.8	37552	2 × 16	6 × 3800	4 × 3800	38000
HED Plus N 6303 197 9D	630	3	3 ~ 400	3354	6.8	35926	2 × 15	8 × 3800	4 × 3800	45600
HED Plus N 6304 197 9D	630	4	3 ~ 400	4472	9.0	50076	2 × 19	6 × 5060	4 × 5060	50600
HED Plus N 6304 263 9D	630	4	3 ~ 400	4472	9.0	47908	2 × 18	8 × 5060	4 × 5060	60720
HED Plus N 8001 77 9D	800	1	3 ~ 400	1369	3.4	16016	2 × 12	8 × 1700	4 × 1700	20400
HED Plus N 8001 102 9D	800	1	3 ~ 400	1369	3.4	15371	2 × 11	10 × 1700	4 × 1700	23800
HED Plus N 8002 153 9D	800	2	3 ~ 400	2738	6.7	32031	2 × 14	8 × 2810	4 × 2810	33720
HED Plus N 8002 204 9D	800	2	3 ~ 400	2738	6.7	30741	2 × 13	10 × 2810	4 × 2810	39340
HED Plus N 8003 230 9D	800	3	3 ~ 400	4107	10.1	48063	2 × 17	8 × 4420	4 × 4420	53040
HED Plus N 8003 306 9D	800	3	3 ~ 400	4107	10.1	46126	2 × 16	10 × 4420	4 × 4420	61880

EVAPORATORS/ 蒸发器 NH3/CO2

AVAILABLE OPTIONS FOR HED N SERIES:

Defrost options:

- Without defrost (air)
- HG: hot gas
- W: water

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
- SS2: stainless steel AISI SUS304

Other options:

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

HED N 系列选配件:

化霜:

- 无化霜 (空气)
- HG: 热氟
- W: 水

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

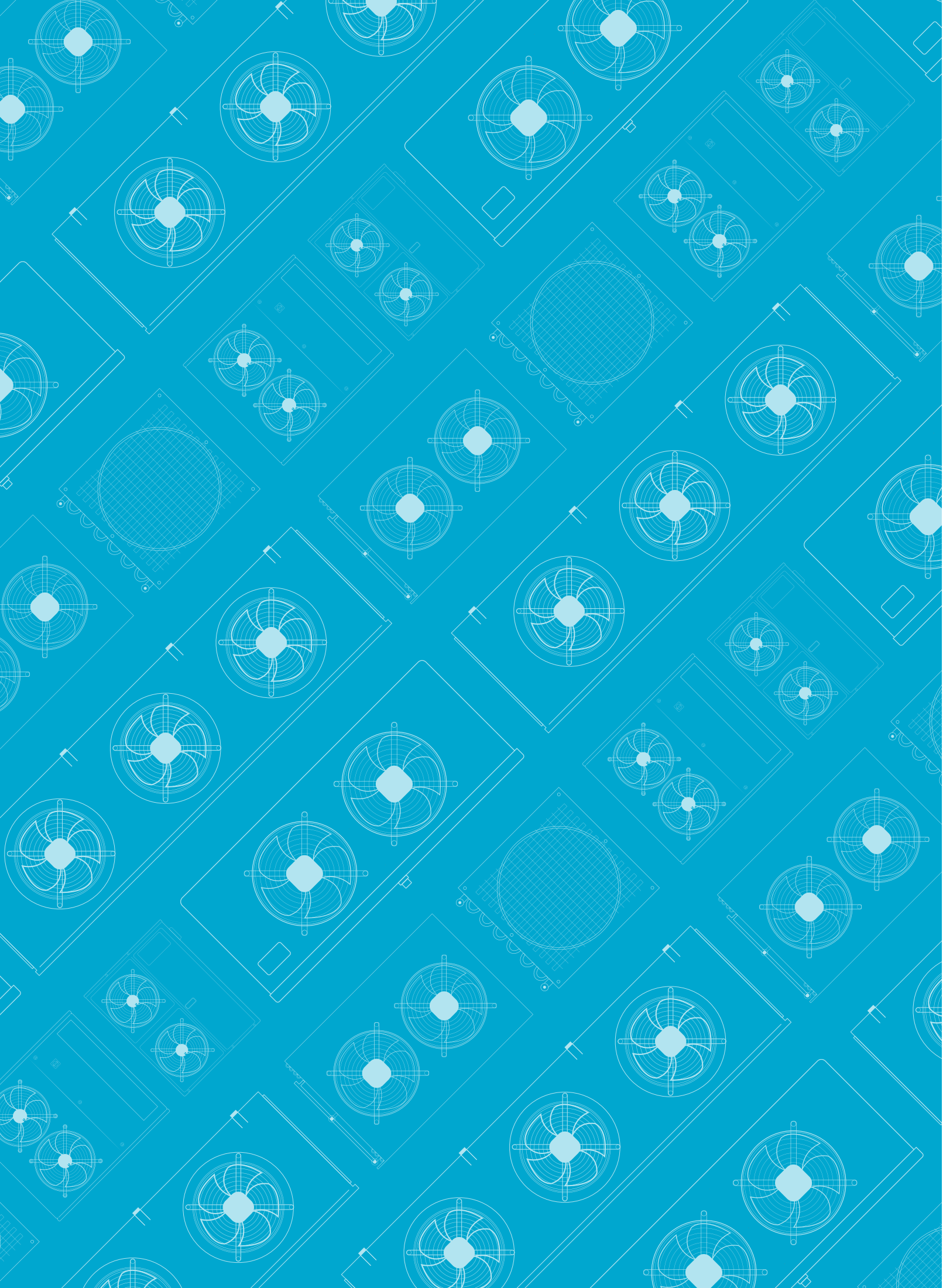
- EC风机

外壳:

- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

其他:

- 双接水盘 (低温工况推荐)
- 电化霜热保护器





WALL TYPE EVAPORATORS EVAPORADORES TIPO MURAL

The HEF N range of wall type evaporators has been designed for use in the food refrigeration sector, both for rapid cooling and for freezing in tunnels.

The exchange coils used in the HEF N range are built with a geometry of recognized high efficiency, with special profile aluminum fins and $\varnothing 15$ mm high quality stainless steel tubes, with high heat transfer coefficient. They are supplied clean and tested under a pressure of 30 bar.

The HEF N range has models with 3 different fin pitch depending on the application:

- HEF N XXXX XX 7X: with 7 mm pitch, recommended for rapid cooling processes.
- HEF N XXXX XX 10X: with 10 mm pitch, recommended for rapid freezing in tunnels.
- HEF N XXXX XX 12X: with 12 mm pitch, recommended for rapid freezing in tunnels.

HEF N evaporators are equipped with fans with high static pressure and special profile to ensure correct air circulation in the refrigeration and freezing rooms.

The fan nozzle is equipped with electrical heaters to avoid frost problems.

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

HEF N SERIES EVAPORATOR 蒸发器系列 HEF N

HEF N系列速冻用蒸发器适用于食品制冷需求，可应用于快速冷却和速冻隧道。

HEF N的高效内芯采用铝箔和 $\varnothing 15$ mm高质量不锈钢管，具有较高的换热性能。所有内芯均经过清洁和30bar保压测试。

HEF N有3种不同片距，满足不同温度应用

- HEF N XXXX XX 7X: 7mm片距，推荐应用于快速冷却
- HEF N XXXX XX 10X: 10mm片距，推荐应用于速冻隧道
- HEF N XXXX XX 12X: 12mm片距，推荐应用于速冻隧道

HEF N蒸发器的风机具有高静压和特殊造型，能为冷冻冷藏提供正确的空气循环。

风筒装有电加热，有效防止结冰。

标准的风机配置如下：

HEF N SERIES EVAPORATOR

蒸发器系列 HEF N

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

-ø630, 800 mm: three-phase 400V/350 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.

All HEF models have double insulated tray.

In models with electric defrost, stainless steel electric heaters covered by aluminum tubes are used, located in the finned package and in the drain pan 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.

-ø630, 800mm: 三相400V/3/50Hz外转子电机, 带L网罩和长风口. 工作温度-40°C至+40°C。

-ø630, 800mm: 三相400V/3/50Hz外转子电机, 带ZN网罩和长风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

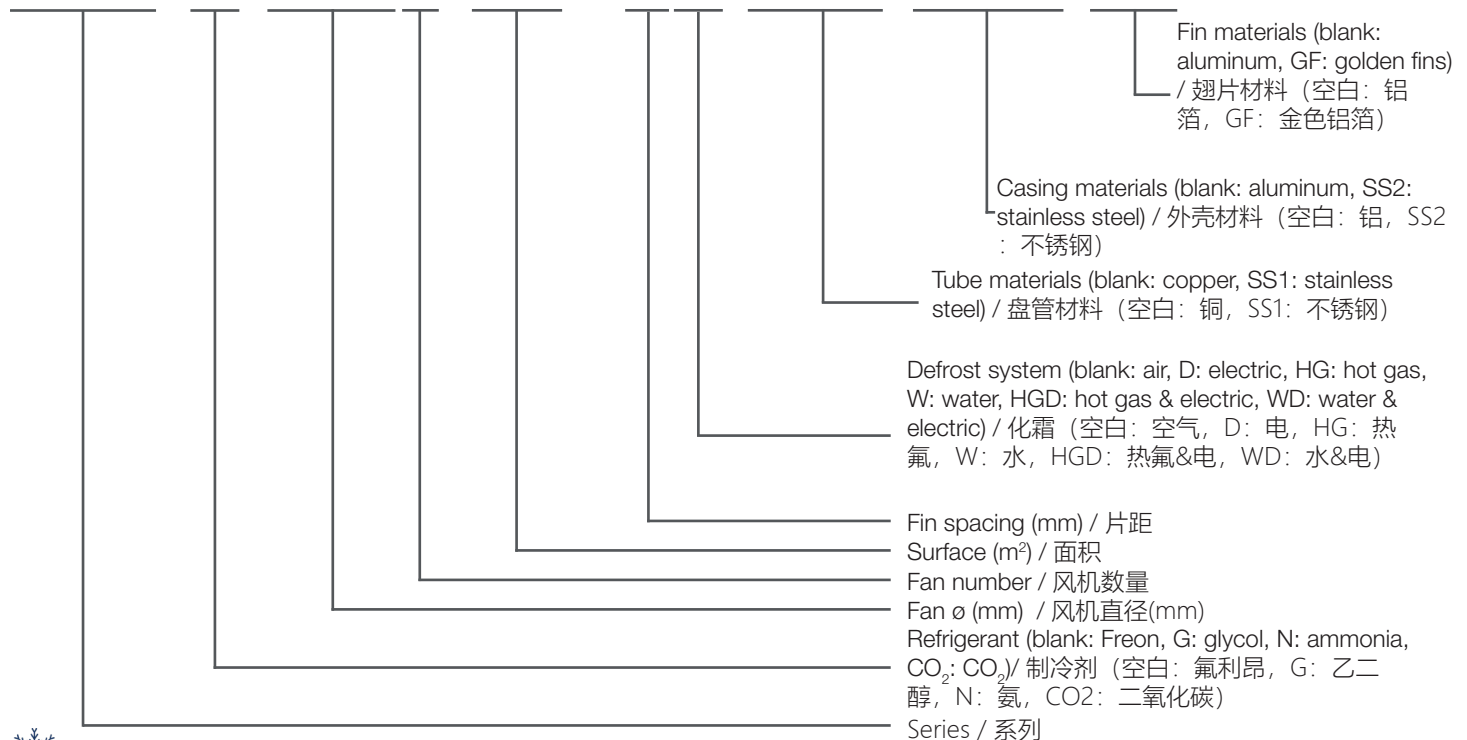
电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

所有电器有效接地。电线均接入防护等级IP65的电器盒内。

可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

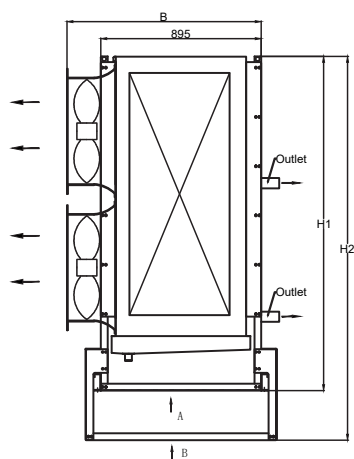
HEF N 8004 538 7D SS1 SS2 GF



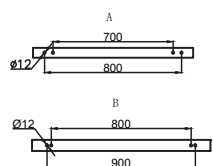
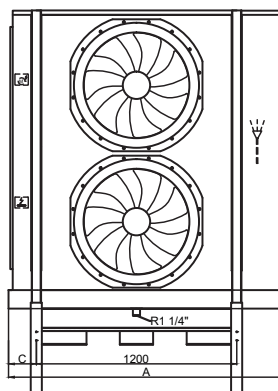
WALL TYPE EVAPORATORS

速冻用蒸发器

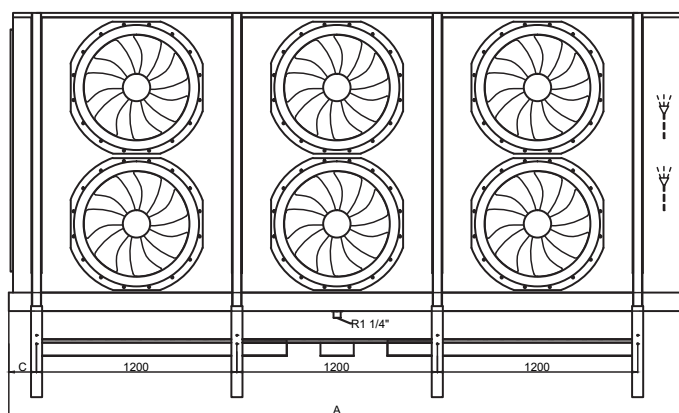
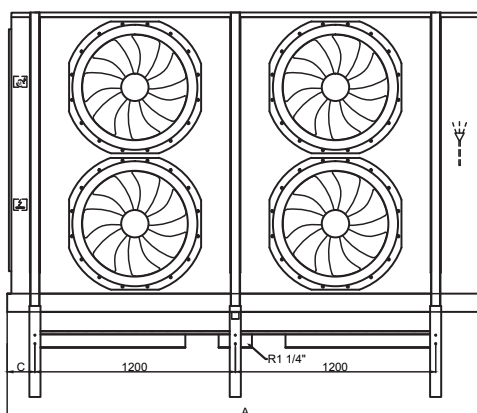
NH3



HEF N 6302



HEF N 6304



HEF N 6306

HEF N SERIES EVAPORATOR

蒸发器系列 HEF N

Model / 型号	Dimensions / 尺寸 (mm)				
	A	B	C	H1	H2
HEF N 6302...(6 rows)	1665	1090	230	1965	2140
HEF N 6302...(8 rows)	1665	1090	230	1965	2140
HEF N 6304...(6 rows)	2865	1090	230	1965	2140
HEF N 6304...(8 rows)	2865	1090	230	1965	2140
HEF N 6306...(6 rows)	4065	1090	230	1965	2140
HEF N 6306...(8 rows)	4065	1090	230	1965	2140

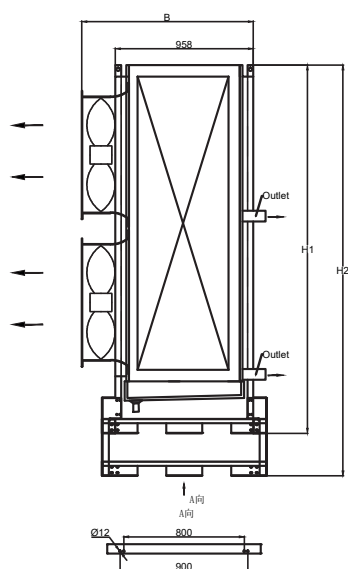
The number of rows refers to the number of tube rows in width in the heat exchanger. The number of rows can be found in the characteristics of each evaporator on the following pages.

换热器宽度受其列数影响。列数可在之后的表格中查找。

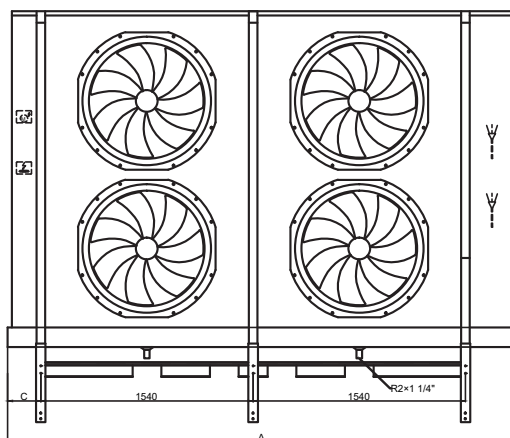
WALL TYPE EVAPORATORS

速冻用蒸发器

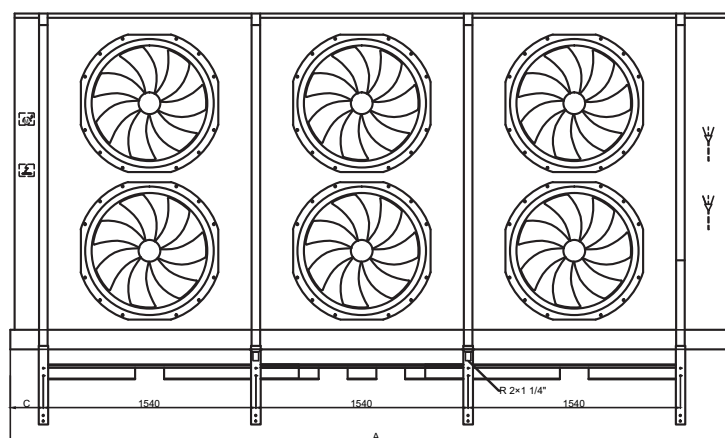
NH3



HEF N 8002



HEF N 8004



HEF N 8006

HEF N SERIES EVAPORATOR

蒸发器系列 HEF N

Model / 型号	Dimensions / 尺寸 (mm)				
	A	B	C	H1	H2
HEF N 8002...(6 rows)	2130	1200	295	2310	2605
HEF N 8002...(8 rows)	2130	1200	295	2310	2605
HEF N 8004...(6 rows)	3670	1200	295	2310	2605
HEF N 8004...(8 rows)	3770	1200	295	2310	2605
HEF N 8006...(6 rows)	5310	1200	295	2310	2605
HEF N 8006...(8 rows)	5310	1200	295	2310	2605

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.

换热器宽度受其列数影响。列数可在之后的表格中查找。

WALL TYPE EVAPORATORS

速冻用蒸发器

NH3

FIN SPACING 7 mm, with electrical defrost. Rt>=-20°C

片距7mm, 带电加热。库温>=-20°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K						
HEF N 6302 170 7D	37.96	29.42	317	27	60	317	28	54
HEF N 6302 211 7D	48.07	34.49	347	27	60	347	28	67
HEF N 6304 340 7D	78.09	60.40	569	2 × 27	2 × 60	569	2×28	2×54
HEF N 6304 424 7D	98.80	70.92	629	2 × 27	2 × 60	629	2×28	2×54
HEF N 6306 511 7D	118.22	91.39	820	2 × 27	2 × 60	820	2×28	2×76
HEF N 6306 637 7D	144.49	111.55	911	2 × 34	2 × 76	911	2×35	2×76
HEF N 8002 264 7D	51.54	39.26	468	27	60	468	35	76
HEF N 8002 351 7D	61.75	47.16	519	34	76	519	35	76
HEF N 8004 538 7D	105.13	79.99	844	2 × 34	2 × 60	844	2×35	2×76
HEF N 8004 717 7D	126.06	96.02	947	2 × 34	2 × 76	947	2×35	2×76
HEF N 8006 812 7D	162.69	118.69	1220	2 × 34	2 × 76	1220	2×35	2×76
HEF N 8006 1083 7D	195.40	143.19	1376	2 × 34	2 × 76	1376	2×35	2×76

EVAPORATORS/ 蒸发器 NH3/CO2

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜			
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Fan circle Circulo del ven- tilador (W)	Total/总 功率 (W)
HEF N 6302 170 7D	630	2	3 ~ 400	5400	10.0	33055	39	16 × 1510	2 × 1510	2 × 280	27740
HEF N 6302 211 7D	630	2	3 ~ 400	5400	10.0	30967	38	20 × 1510	2 × 1510	2 × 280	33780
HEF N 6304 340 7D	630	4	3 ~ 400	10800	20.0	66625	47	16 × 2740	2 × 2740	4 × 280	50440
HEF N 6304 424 7D	630	4	3 ~ 400	10800	20.0	62525	45	20 × 2740	2 × 2740	4 × 280	61400
HEF N 6306 511 7D	630	6	3 ~ 400	16200	30.0	100187	56	16 × 3800	2 × 3800	6 × 280	70080
HEF N 6306 637 7D	630	6	3 ~ 400	16200	30.0	94216	54	20 × 3800	2 × 3800	6 × 280	85280
HEF N 8002 264 7D	800	2	3 ~ 400	3200	7.0	35956	35	22 × 1600	2 × 1800	2 × 470	39340
HEF N 8002 351 7D	800	2	3 ~ 400	3200	7.0	33755	34	28 × 1600	2 × 1800	2 × 470	48940
HEF N 8004 538 7D	800	4	3 ~ 400	6400	14.0	72292	42	22 × 3200	2 × 3200	4 × 470	78680
HEF N 8004 717 7D	800	4	3 ~ 400	6400	14.0	68103	41	28 × 3200	2 × 3200	4 × 470	97880
HEF N 8006 812 7D	800	6	3 ~ 400	9600	21.0	108561	51	22 × 4800	2 × 4800	6 × 470	118020
HEF N 8006 1083 7D	800	6	3 ~ 400	9600	21.0	102368	49	28 × 4800	2 × 4800	6 × 470	146820

HEF N SERIES EVAPORATOR

蒸发器系列 HEF N

FIN SPACING 10 mm, with electrical defrost. Rt>=-40°C
片距10mm, 带电加热。库温>=-35°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -25°C	t _e = -31°C					Inlet/ 进口	Outlet/ 出口
	DT1=7K	DT1=6K						
HEF N 6302 119 10D	25.01	20.63	309	27	60	309	28	54
HEF N 6302 148 10D	30.52	24.75	336	27	60	336	28	67
HEF N 6304 238 10D	51.30	42.40	551	2 × 27	2 × 60	551	2×28	2×54
HEF N 6304 297 10D	62.67	50.92	605	2 × 27	2 × 60	605	2×28	2×54
HEF N 6306 358 10D	77.59	64.17	793	2 × 27	2 × 60	793	2×28	2×76
HEF N 6306 446 10D	96.51	80.19	875	2 × 34	2 × 76	875	2×35	2×76
HEF N 8002 187 10D	33.44	27.82	453	27	60	453	35	76
HEF N 8002 249 10D	41.03	34.31	499	34	76	499	35	76
HEF N 8004 381 10D	68.10	56.74	813	2 × 34	2 × 60	813	2×35	2×76
HEF N 8004 509 10D	83.49	69.89	907	2 × 34	2 × 76	907	2×35	2×76
HEF N 8006 576 10D	102.29	84.30	1174	2 × 34	2 × 76	1174	2×35	2×76
HEF N 8006 767 10D	125.77	104.27	1315	2 × 34	2 × 76	1315	2×35	2×76

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜			
	Dia- meter 直径 (Φ mm)	Nº	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Cu- rrent/ 功率 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Fan circle Circulo del ven- tilador (W)	To- tal/总 功率 (W)
HEF N 6302 119 10D	630	2	3 ~ 400	5400	10.0	34173	40	16 × 1510	2 × 1510	2 × 280	27740
HEF N 6302 148 10D	630	2	3 ~ 400	5400	10.0	32317	39	20 × 1510	2 × 1510	2 × 280	33780
HEF N 6304 238 10D	630	4	3 ~ 400	10800	20.0	68821	48	16 × 2740	2 × 2740	4 × 280	50440
HEF N 6304 297 10D	630	4	3 ~ 400	10800	20.0	65205	47	20 × 2740	2 × 2740	4 × 280	61400
HEF N 6306 358 10D	630	6	3 ~ 400	16200	30.0	103463	57	16 × 3800	2 × 3800	6 × 280	70080
HEF N 6306 446 10D	630	6	3 ~ 400	16200	30.0	98209	56	20 × 3800	2 × 3800	6 × 280	85280
HEF N 8002 187 10D	800	2	3 ~ 400	3200	7.0	37077	36	22 × 1600	2 × 1800	2 × 470	39340
HEF N 8002 249 10D	800	2	3 ~ 400	3200	7.0	35318	35	28 × 1600	2 × 1800	2 × 470	48940
HEF N 8004 381 10D	800	4	3 ~ 400	6400	14.0	74543	43	22 × 3200	2 × 3200	4 × 470	78680
HEF N 8004 509 10D	800	4	3 ~ 400	6400	14.0	71062	42	28 × 3200	2 × 3200	4 × 470	97880
HEF N 8006 576 10D	800	6	3 ~ 400	9600	21.0	111927	52	22 × 4800	2 × 4800	6 × 470	118020
HEF N 8006 767 10D	800	6	3 ~ 400	9600	21.0	106725	51	28 × 4800	2 × 4800	6 × 470	146820

WALL TYPE EVAPORATORS

速冻用蒸发器

NH3

FIN SPACING 12 mm, with electrical defrost. Rt>=-40°C

片距12mm, 带电加热。库温>=-40°C

Model / 型号	Capacity / Capacidad NH3 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -25°C	t _e = -31°C					Inlet/ 进口	Outlet/ 出口
	DT1=7K	DT1=6K						
HEF N 6302 95 12D	22.60	18.77	309	27	60	309	28	54
HEF N 6302 127 12D	28.43	23.30	336	27	60	336	28	67
HEF N 6304 195 12D	46.33	38.53	551	2 × 27	2 × 60	551	2×28	2×54
HEF N 6304 260 12D	58.29	47.89	605	2 × 27	2 × 60	605	2×28	2×54
HEF N 6306 295 12D	70.06	58.29	793	2 × 27	2 × 60	793	2×28	2×76
HEF N 6306 394 12D	87.84	73.35	875	2 × 34	2 × 76	875	2×35	2×76
HEF N 8002 154 12D	30.24	25.29	453	27	60	453	35	76
HEF N 8002 206 12D	37.45	31.43	499	34	76	499	35	76
HEF N 8004 315 12D	61.56	51.55	814	2 × 34	2 × 60	814	2×35	2×76
HEF N 8004 420 12D	76.19	64.05	907	2 × 34	2 × 76	907	2×35	2×76
HEF N 8006 475 12D	93.59	77.77	1174	2 × 34	2 × 76	1174	2×35	2×76
HEF N 8006 634 12D	116.02	96.88	1315	2 × 34	2 × 76	1315	2×35	2×76

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜			
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 功率 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Fan circle Circulo del ven- tilador (W)	Total/总 功率 (W)
HEF N 6302 95 12D	630	2	3 ~ 400	5400	10.0	34755	40	16 × 1510	2 × 1510	2 × 280	27740
HEF N 6302 127 12D	630	2	3 ~ 400	5400	10.0	32978	39	20 × 1510	2 × 1510	2 × 280	33780
HEF N 6304 195 12D	630	4	3 ~ 400	10800	20.0	69962	48	16 × 2740	2 × 2740	4 × 280	50440
HEF N 6304 260 12D	630	4	3 ~ 400	10800	20.0	66481	47	20 × 2740	2 × 2740	4 × 280	61400
HEF N 6306 295 12D	630	6	3 ~ 400	16200	30.0	105162	57	16 × 3800	2 × 3800	6 × 280	70080
HEF N 6306 394 12D	630	6	3 ~ 400	16200	30.0	100132	56	20 × 3800	2 × 3800	6 × 280	85280
HEF N 8002 154 12D	800	2	3 ~ 400	3200	7.0	37688	36	22 × 1600	2 × 1800	2 × 470	39340
HEF N 8002 206 12D	800	2	3 ~ 400	3200	7.0	35944	35	28 × 1600	2 × 1800	2 × 470	48940
HEF N 8004 315 12D	800	4	3 ~ 400	6400	14.0	75756	43	22 × 3200	2 × 3200	4 × 470	78680
HEF N 8004 420 12D	800	4	3 ~ 400	6400	14.0	72268	42	28 × 3200	2 × 3200	4 × 470	97880
HEF N 8006 475 12D	800	6	3 ~ 400	9600	21.0	113732	52	22 × 4800	2 × 4800	6 × 470	118020
HEF N 8006 634 12D	800	6	3 ~ 400	9600	21.0	108516	51	28 × 4800	2 × 4800	6 × 470	146820

AVAILABLE OPTIONS FOR HEF N SERIES:

Defrost options:

- Without defrost (air)
- HG: hot gas
- W: water

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: standard models
- Streamers: Ruedas directrices para alargar tiro de aire del evaporador
- Blowing or sucking direction

Casing options:

- White powder-coated painted aluminium: standard models
- SS2: stainless steel AISI SUS304

Other options:

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

HEF N 系列选配件:

化霜:

- 无化霜 (空气)
- D: 电化霜: 标准型号
- HG: 热氟
- W: 水
- HGD: 内芯热氟化霜, 接水盘电化霜
- WD: 水和电化霜

盘管材质:

- 铜管: 标准型号
- SS1: 304不锈钢

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

- EC风机
- 风筒电加热: 标准型号
- 导风筒: 增加射程
- 吸风或吹风风机

外壳:

- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

制冷剂:

- HFC/HFO (A1): 标准型号
- HFO/HFC (A2L): 即将上市
- 乙二醇: 可选, 请联系Hispania
- NH3: ver modelos HED N

其他:

- 双接水盘 (低温工况推荐)
- 电化霜热保护器



COMMERCIAL CUBIC EVAPORATORS EVAPORADORES CUBICOS COMERCIALES

The HEA CO2 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 HEA CO2 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 HEA CO2 range has models with 3 different fin pitch depending on the temperature of the cold room:

- HEA CO2 XXXX XX 4X: with 4 mm pitch, suitable for high temperatures in the cold room ($R_t \geq 0^\circ\text{C}$)
- HEA CO2 XXXX XX 6X: with 6 mm pitch, suitable for medium temperatures in the cold room ($R_t \geq -18^\circ\text{C}$)
- HEA CO2 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 $+40^\circ\text{C}$.

HEA CO2 SERIES EVAPORATOR 蒸发器系列 HEA CO2

HEA CO2系列商用蒸发器适用于冷库的冷冻冷藏需求。

HEA CO2的高效内芯采用铝箔和 $\varnothing 9.52$ mm内螺纹铜管。所有内芯均经过清洁和30bar保压测试。

HEA CO2有三种片距，满足不同温度的应用：

- HEA CO2 XXXX XX 4X: 4mm片距，适用于高温库 ($R_t \geq 0^\circ\text{C}$)
- HEA CO2 XXXX XX 6X: 6mm片距，适用于中温库 ($R_t \geq -18^\circ\text{C}$)
- HEA CO2 XXXX XX 9X: 9mm片距，适用于低温库 ($R_t \geq -35^\circ\text{C}$)

标准的风机配置如下：

- $\varnothing 250, 300, 350, 400$ mm: 单相230V/1/50Hz外转子电机，带K网罩和短出风口。工作温度 -40°C 至 $+40^\circ\text{C}$ 。

HEA CO2 SERIES EVAPORATOR

蒸发器系列 HEA CO2

-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: 三相400V/3/50Hz外转子电机, 带K网罩和短出风口. 工作温度-40°C至+40°C。

-ø500, 550 y 630 mm: 三相400V/3/50Hz外转子电机, 带L网罩和长风口. 工作温度-40°C至+40°C。

-ø630 y 800 mm: 三相400V/3/50Hz外转子电机, 带ZN网罩和长风口. 工作温度-40°C至+40°C。

白色喷涂的铝制外壳, 有较高的防腐蚀和抗震性能。

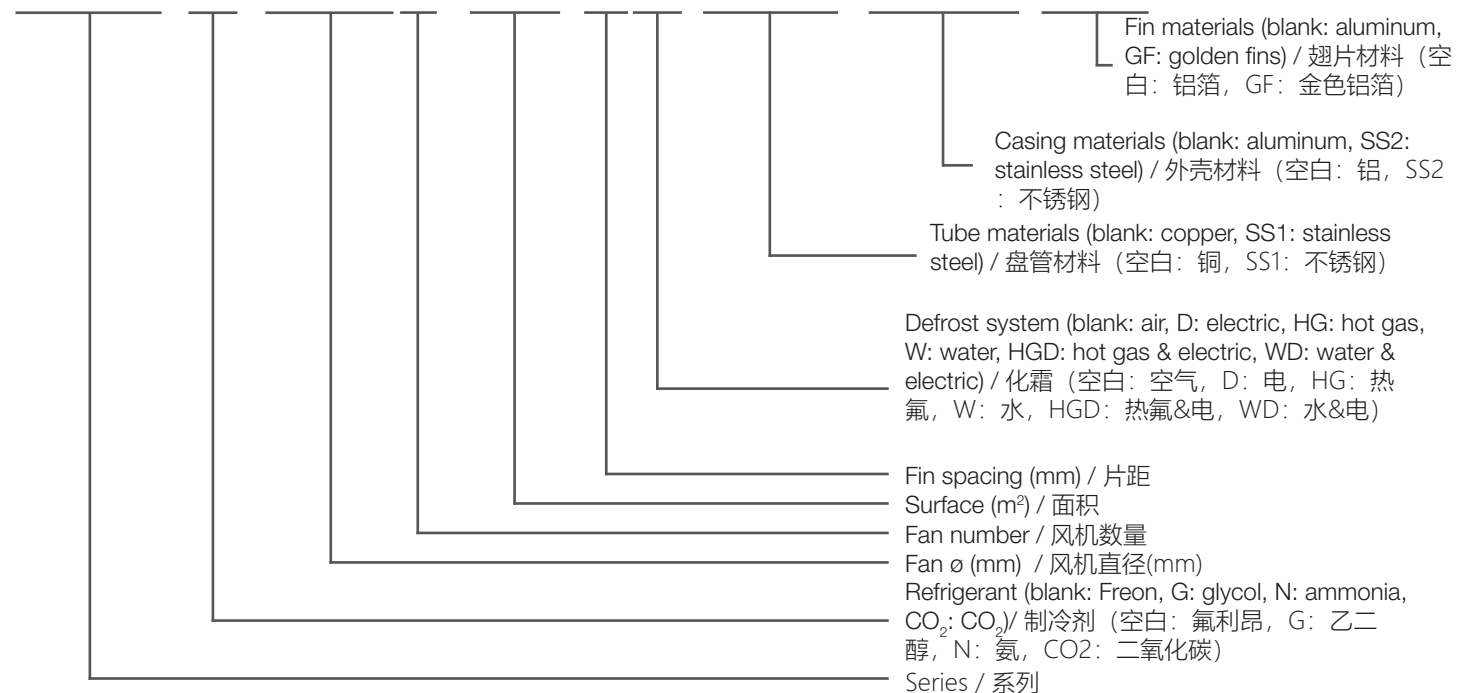
电化霜的电加热管套有不锈钢管, 固定于翅片和接水盘内, 可隔绝水蒸气, 且方便维护。

所有电器有效接地。电线均接入防护等级IP65的电器盒内。

可使用"Unit Selector Hybrid HISPANIA"选型软件查询样册以外的工况性能。

更多需求和信息请联系Hispania。

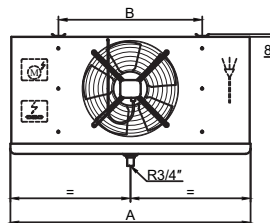
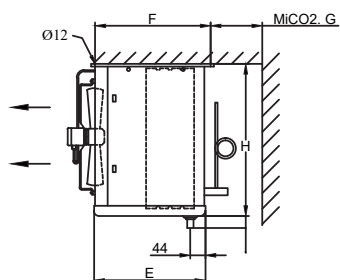
HEA G 2501 09 4D SS1 SS2 GF



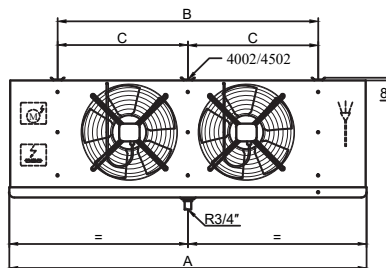
COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

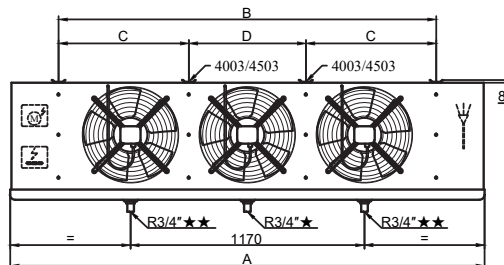
CO2



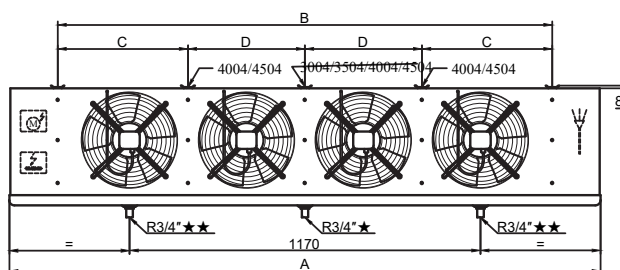
HEA CO2
2501/3001/3501/4001/4501



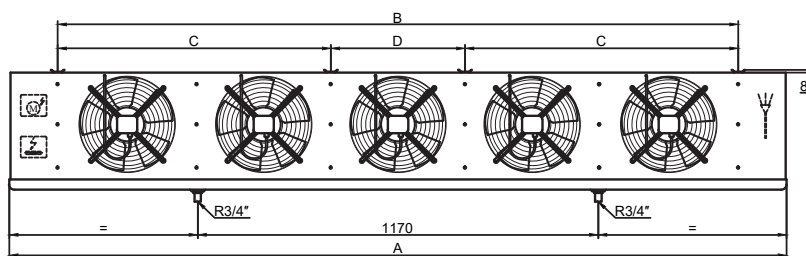
HEA CO2
2502/3002/3502/4002/4502



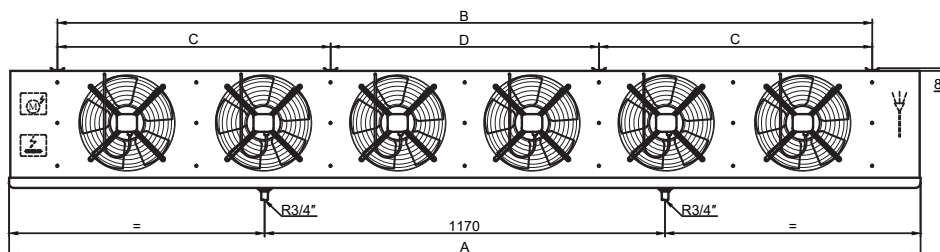
HEA CO2
★2503/3003/3503/4003
★★4503



HEA CO2
★2504/3004/3504
★★4004/4504



HEA CO2
2505/3005/3505



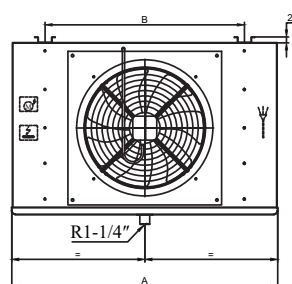
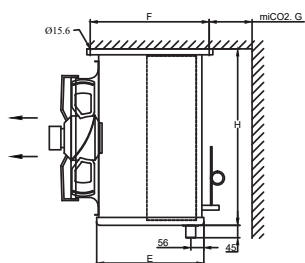
HEA CO2
2506/3006/3506

HEA CO2 SERIES EVAPORATOR

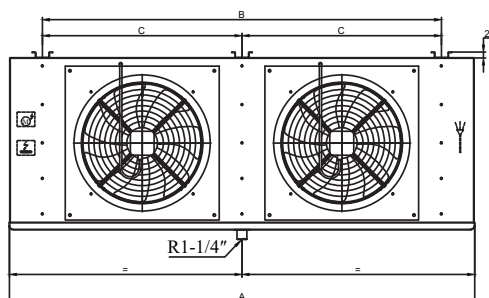
蒸发器系列 HEA CO2

Model / 型号	Dimensions / 尺寸 (mm)							
	A	B	C	D	E	F	G	H
HEA CO2 2501...	702	420			325	375	200	350
HEA CO2 2502...	1094	812			325	375	200	350
HEA CO2 2503...	1486	1204			325	375	200	350
HEA CO2 2504...	1878	1596	798		325	375	200	350
HEA CO2 2505...	2270	1988	798	392	325	375	200	360
HEA CO2 2506...	2662	2380	798	784	325	375	250	360
HEA CO2 3001...	702	420			325	375	200	460
HEA CO2 3002...	1094	812			325	375	200	460
HEA CO2 3003...	1486	1204			325	375	250	460
HEA CO2 3004...	1878	1596	798		325	375	250	460
HEA CO2 3005...	2270	1988	798	392	325	375	300	470
HEA CO2 3006...	2662	2380	798	784	325	375	300	470
HEA CO2 3501...	702	420			455	507	200	460
HEA CO2 3502...	1094	812			455	507	200	460
HEA CO2 3503...	1486	1204			455	507	250	460
HEA CO2 3504...	1878	1596	798		455	507	250	460
HEA CO2 3505...	2270	1988	798	392	455	507	300	470
HEA CO2 3506...	2662	2380	798	784	455	507	300	470
HEA CO2 4001...	912	630			325	375	250	530
HEA CO2 4002...	1486	1204	602		325	375	300	530
HEA CO2 4003...	1878	1596	546	504	325	375	300	530
HEA CO2 4004...	2662	2380	595	595	325	375	350	540
HEA CO2 4501...	1094	812			325	375	300	600
HEA CO2 4502...	1878	1596	798		325	375	300	600
HEA CO2 4503...	2662	2380	798	784	325	375	350	610
HEA CO2 4504...	3446	3164	798	784	325	375	350	610

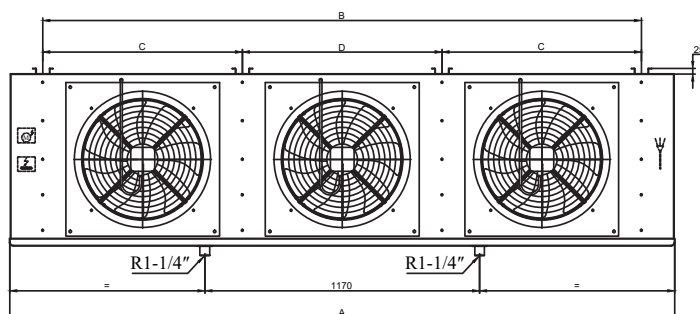
EVAPORATORS / 蒸发器 NH3/CO2



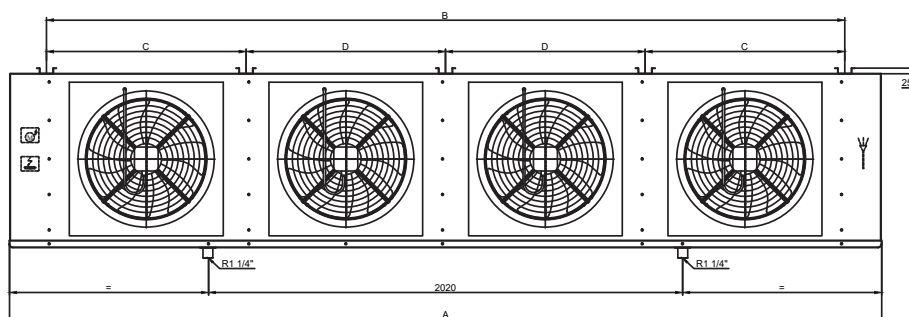
HEA CO2 5001



HEA CO2 5002



HEA CO2 5003



HEA CO2 5004

HEA CO2 SERIES EVAPORATOR

蒸发器系列 HEA CO2

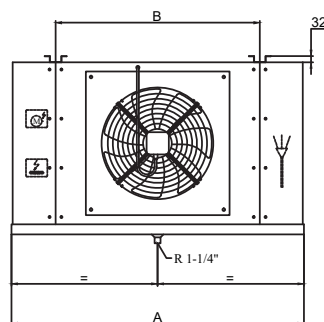
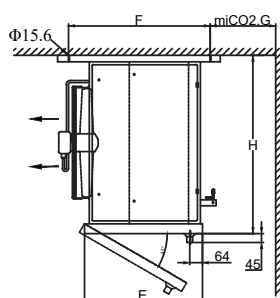
Model / 型号	Dimensions / 尺寸 (mm)					
	A	B	C	D	E	F
HEA CO2 5001...(4 rows)	1185	850		455	507	400
HEA CO2 5001...(6 rows)	1185	850		455	507	400
HEA CO2 5001...(8 rows)	1185	850		525	577	400
HEA CO2 5002...(4 rows)	2035	1700	850	455	507	400
HEA CO2 5002...(6 rows)	2035	1700	850	455	507	400
HEA CO2 5002...(8 rows)	2035	1700	850	525	577	400
HEA CO2 5003...(4 rows)	2885	2550	850	455	507	450
HEA CO2 5003...(6 rows)	2885	2550	850	455	507	450
HEA CO2 5003...(8 rows)	2885	2550	850	525	577	450
HEA CO2 5004...(4 rows)	3735	3400	850	455	507	450
HEA CO2 5004...(6 rows)	3735	3400	850	455	507	450
HEA CO2 5004...(8 rows)	3735	3400	850	525	577	450

EVAPORATORS / 蒸发器 NH3/CO2

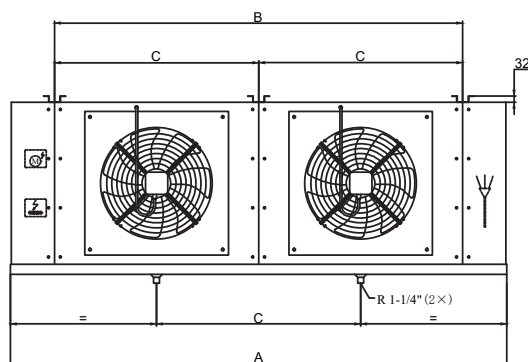
COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

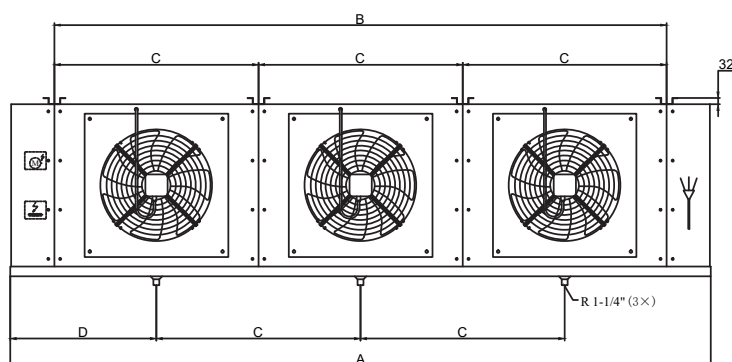
CO2



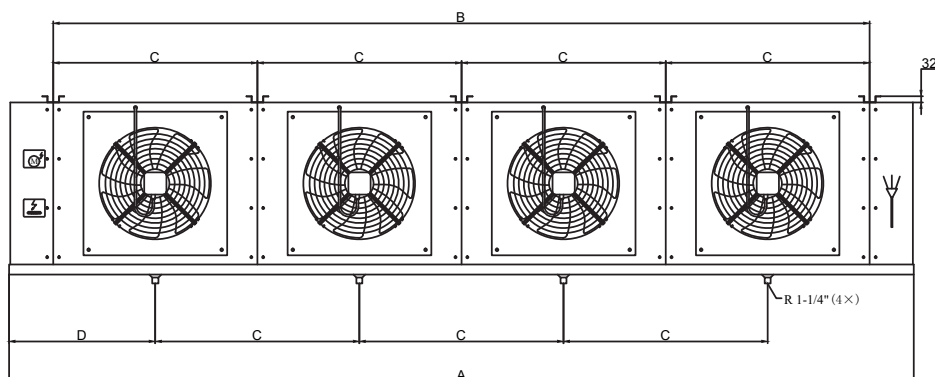
HEA CO2
5501/6301/8001



HEA CO2
5502/6302/8002



HEA CO2
5503/6303/8003



HEA CO2
5504/6304

HEA CO2 SERIES EVAPORATOR

蒸发器系列 HEA CO2

Model / 型号	Dimensions / 尺寸 (mm)							
	A	B	C	D	E	F	G	H
HEA CO2 5501...(4 rows)	1500	1030			525	635	260	870
HEA CO2 5501...(6 rows)	1500	1030			525	635	260	870
HEA CO2 5501...(8 rows)	1500	1030			595	705	260	870
HEA CO2 5502...(4 rows)	2530	2060	1030		525	635	380	870
HEA CO2 5502...(6 rows)	2530	2060	1030		525	635	380	870
HEA CO2 5502...(8 rows)	2530	2060	1030		595	705	380	870
HEA CO2 5503...(4 rows)	3560	3090	1030	750	525	635	460	870
HEA CO2 5503...(6 rows)	3560	3090	1030	750	525	635	460	870
HEA CO2 5503...(8 rows)	3560	3090	1030	750	595	705	460	870
HEA CO2 5504...(4 rows)	4590	4120	1030	750	525	635	500	870
HEA CO2 5504...(6 rows)	4590	4120	1030	750	525	635	500	870
HEA CO2 5504...(8 rows)	4590	4120	1030	750	595	705	500	870
HEA CO2 6301...(4 rows)	1700	1230			555	665	310	1010
HEA CO2 6301...(6 rows)	1700	1230			555	665	310	1010
HEA CO2 6301...(8 rows)	1700	1230			625	735	310	1010
HEA CO2 6302...(4 rows)	2930	2460	1230		555	665	440	1010
HEA CO2 6302...(6 rows)	2930	2460	1230		555	665	440	1010
HEA CO2 6302...(8 rows)	2930	2460	1230		625	735	440	1010
HEA CO2 6303...(4 rows)	4160	3690	1230	850	555	665	530	1010
HEA CO2 6303...(6 rows)	4160	3690	1230	850	555	665	530	1010
HEA CO2 6303...(8 rows)	4160	3690	1230	850	625	735	530	1010
HEA CO2 6304...(4 rows)	5390	4920	1230	850	555	665	580	1010
HEA CO2 6304...(6 rows)	5390	4920	1230	850	555	665	580	1010
HEA CO2 6304...(8 rows)	5390	4920	1230	850	625	735	580	1010
HEA CO2 8001...(4 rows)	1900	1430			620	730	390	1360
HEA CO2 8001...(6 rows)	1900	1430			620	730	390	1360
HEA CO2 8001...(8 rows)	1900	1430			690	800	390	1360
HEA CO2 8002...(4 rows)	3330	2860	1430		620	730	580	1360
HEA CO2 8002...(6 rows)	3330	2860	1430		620	730	580	1360
HEA CO2 8002...(8 rows)	3330	2860	1430		690	800	580	1360
HEA CO2 8003...(4 rows)	4760	4290	1430	950	620	730	700	1360
HEA CO2 8003...(6 rows)	4760	4290	1430	950	620	730	700	1360
HEA CO2 8003...(8 rows)	4760	4290	1430	950	690	800	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.

换热器宽度受其列数影响。列数可在之后的表格中查找。

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

CO2

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

片距4mm, 带电加热。库温>=0°C

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

*The coil has 8 rows.

*内芯列数为8。

HEA CO2 SERIES EVAPORATOR

蒸发器系列 HEA CO2

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C
片距4mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEA CO2 2501 09 4D	250	1	1 ~ 230	44	0.2	730	4	2 × 440	1 × 440	1320
HEA CO2 2502 17 4D	250	2	1 ~ 230	88	0.4	1461	5	2 × 730	1 × 730	2190
HEA CO2 2503 26 4D	250	3	1 ~ 230	132	0.6	2192	6	2 × 1030	1 × 1030	3090
HEA CO2 2504 35 4D	250	4	1 ~ 230	176	0.8	2923	7	2 × 1310	1 × 1310	3930
HEA CO2 2505 41 4D	250	5	1 ~ 230	220	1.0	3654	8	2 × 1600	1 × 1600	4800
HEA CO2 2506 52 4D	250	6	1 ~ 230	264	1.2	4386	10	2 × 1890	1 × 1890	5670
HEA CO2 3001 12 4D	300	1	1 ~ 230	72	0.3	1277	6	3 × 440	1 × 440	1760
HEA CO2 3002 23 4D	300	2	1 ~ 230	144	0.6	2556	7	3 × 730	1 × 730	2920
HEA CO2 3003 35 4D	300	3	1 ~ 230	216	1.0	3834	9	3 × 1030	1 × 1030	4120
HEA CO2 3004 46 4D	300	4	1 ~ 230	288	1.3	5113	10	3 × 1310	1 × 1310	5240
HEA CO2 3005 56 4D	300	5	1 ~ 230	360	1.6	6392	13	3 × 1600	1 × 1600	6400
HEA CO2 3006 69 4D	300	6	1 ~ 230	432	1.9	7670	15	3 × 1890	1 × 1890	7560
HEA CO2 3501 14 4D	350	1	1 ~ 230	130	0.6	1734	10	4 × 440	2 × 440	2640
HEA CO2 3502 27 4D	350	2	1 ~ 230	260	1.2	3473	13	4 × 730	2 × 730	4380
HEA CO2 3503 41 4D	350	3	1 ~ 230	390	1.7	5212	16	4 × 1030	2 × 1030	6180
HEA CO2 3504 55 4D	350	4	1 ~ 230	520	2.3	6953	19	4 × 1310	2 × 1310	7860
HEA CO2 3505 70 4D	350	5	1 ~ 230	650	2.9	8691	21	4 × 1600	2 × 1600	9600
HEA CO2 3506 83 4D	350	6	1 ~ 230	780	3.5	10430	23	4 × 1890	2 × 1890	11340
HEA CO2 4001 20 4D	400	1	1 ~ 230	160	0.7	3111	11	4 × 550	1 × 550	2750
HEA CO2 4002 40 4D	400	2	1 ~ 230	320	1.5	6161	13	4 × 1030	1 × 1030	5150
HEA CO2 4003 54 4D	400	3	1 ~ 230	480	2.2	8741	16	4 × 1310	1 × 1310	6550
HEA CO2 4004 81 4D	400	4	1 ~ 230	640	2.9	12325	19	4 × 1890	1 × 1890	9450
HEA CO2 4501 31 4D	450	1	3 ~ 400	460	1.0	5422	15	4 × 730	1 × 730	3650
HEA CO2 4502 61 4D	450	2	3 ~ 400	920	1.9	10849	18	4 × 1310	1 × 1310	6550
HEA CO2 4503 92 4D	450	3	3 ~ 400	1380	2.9	16269	21	4 × 1890	1 × 1890	9450
HEA CO2 4504 119 4D	450	4	3 ~ 400	1840	3.8	21703	23	4 × 2470	1 × 2470	12350
HEA CO2 5001 39 4D	500	1	3 ~ 400	820	1.6	7400	20	6 × 730	1 × 730	5110
HEA CO2 5001 58 4D	500	1	3 ~ 400	820	1.6	6610	17	7 × 730	2 × 730	6570
HEA CO2 5001 76 4D	500	1	3 ~ 400	820	1.6	6027	14	8 × 730	2 × 730	7300
HEA CO2 5002 81 4D	500	2	3 ~ 400	1640	3.2	15002	24	6 × 1400	1 × 1400	9800
HEA CO2 5002 121 4D	500	2	3 ~ 400	1640	3.2	13443	20	7 × 1400	2 × 1400	12600
HEA CO2 5002 156 4D	500	2	3 ~ 400	1640	3.2	12284	16	8 × 1400	2 × 1400	14000
HEA CO2 5003 122 4D	500	3	3 ~ 400	2460	4.8	22673	29	6 × 2050	1 × 2050	14350
HEA CO2 5003 183 4D	500	3	3 ~ 400	2460	4.8	20375	24	7 × 2050	2 × 2050	18450
HEA CO2 5003 237 4D	500	3	3 ~ 400	2460	4.8	18543	19	8 × 2050	2 × 2050	20500
HEA CO2 5004 159 4D	500	4	3 ~ 400	3280	6.4	30197	34	6 × 3390	1 × 3390	23730
HEA CO2 5004 238 4D	500	4	3 ~ 400	3280	6.4	27102	29	7 × 3390	2 × 3390	30510
HEA CO2 5004 318 4D	500	4	3 ~ 400	3280	6.4	24797	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ 蒸发器 NH3/CO2

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

CO2

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

片距4mm, 带电加热。库温>=0°C

Model / 型号	Capacity / Capacidad CO2 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K						
HEA CO2 5501 51 4D	13.55	9.80	52.1	4.6	4	67	12	19
HEA CO2 5501 76 4D	17.30	12.65	78.1	6.9	6	83	12	22
HEA CO2 5501 102 4D	19.44	14.40	104.1	9.2	8	134	12	28
HEA CO2 5502 105 4D	29.11	21.38	107.1	9.5	4	162	12	35
HEA CO2 5502 157 4D	34.78	25.30	160.6	14.3	6	201	12	35
HEA CO2 5502 210 4D	40.70	30.46	214.1	19.0	8	244	16	35
HEA CO2 5503 159 4D	41.04	29.57	162.1	14.4	4	265	16	35
HEA CO2 5503 238 4D	54.97	40.53	243.1	21.6	6	323	16	35
HEA CO2 5503 317 4D	59.27	43.79	324.1	28.8	8	97	16	28
HEA CO2 5504 212 4D	58.84	43.24	217.1	19.3	4	117	16	28
HEA CO2 5504 319 4D	70.44	51.26	325.6	28.9	6	189	16	42
HEA CO2 5504 425 4D	73.30	53.11	434.1	38.5	8	231	16	42
HEA CO2 6301 73 4D	20.54	15.27	74.2	6.6	4	283	12	42
HEA CO2 6301 109 4D	26.28	19.47	111.2	9.9	6	342	12	42
HEA CO2 6301 145 4D	29.17	21.64	148.3	13.2	8	374	12	42
HEA CO2 6302 149 4D	41.48	30.27	151.8	13.5	4	454	16	54
HEA CO2 6302 223 4D	53.45	39.61	227.7	20.2	6	151	16	28
HEA CO2 6302 297 4D	59.32	44.05	303.6	26.9	8	186	16	35
HEA CO2 6303 224 4D	64.09	47.21	229.4	20.4	4	290	16	42
HEA CO2 6303 337 4D	78.10	57.20	344.1	30.5	6	364	16	54
HEA CO2 6303 449 4D	83.05	60.41	458.8	40.7	8	430	22	54
HEA CO2 6304 300 4D	83.78	61.18	307.0	27.2	4	539	16	67
HEA CO2 6304 451 4D	96.55	69.36	460.5	40.9	6	52	22	16
HEA CO2 6304 601 4D	119.66	88.87	614.1	54.5	8	104	22	28
HEA CO2 8001 118 4D	33.50	24.62	120.1	10.7	4	153	12	28
HEA CO2 8001 176 4D	39.54	28.65	180.2	16.0	6	205	16	35
HEA CO2 8001 235 4D	45.75	33.94	240.3	21.3	8	73	16	28
HEA CO2 8002 240 4D	64.94	47.09	245.1	21.7	4	147	16	28
HEA CO2 8002 360 4D	82.85	60.56	367.7	32.6	6	220	22	42
HEA CO2 8002 480 4D	93.07	69.11	490.2	43.5	8	290	22	42
HEA CO2 8003 362 4D	102.72	75.56	370.1	32.8	4	115	22	28
HEA CO2 8003 543 4D	121.61	88.24	555.1	49.3	6	225	22	35
HEA CO2 8003 724 4D	143.77	107.77	740.1	65.7	8	333	22	54

EVAPORATORS/ 蒸发器 NH3/CO2

HEA CO2 SERIES EVAPORATOR

蒸发器系列 HEA CO2

FIN SPACING 4 mm, with electrical defrost. Rt>=0°C
片距4mm, 带电加热。库温>=0°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HEA CO2 5501 51 4D	550	1	3 ~ 400	770	1.7	7834	16	4 × 1280	1 × 1280	6400
HEA CO2 5501 76 4D	550	1	3 ~ 400	770	1.7	7347	15	6 × 1280	2 × 1280	10240
HEA CO2 5501 102 4D	550	1	3 ~ 400	770	1.7	6848	14	8 × 1280	2 × 1280	12800
HEA CO2 5502 105 4D	550	2	3 ~ 400	1540	3.3	15762	19	4 × 2320	1 × 2320	11600
HEA CO2 5502 157 4D	550	2	3 ~ 400	1540	3.3	14844	18	6 × 2320	2 × 2320	18560
HEA CO2 5502 210 4D	550	2	3 ~ 400	1540	3.3	13862	17	8 × 2320	2 × 2320	23200
HEA CO2 5503 159 4D	550	3	3 ~ 400	2310	5.0	23682	22	4 × 3200	1 × 3200	16000
HEA CO2 5503 238 4D	550	3	3 ~ 400	2310	5.0	22336	21	6 × 3200	2 × 3200	25600
HEA CO2 5503 317 4D	550	3	3 ~ 400	2310	5.0	20871	20	8 × 3200	2 × 3200	32000
HEA CO2 5504 212 4D	550	4	3 ~ 400	3080	6.6	31611	28	4 × 4260	1 × 4260	21300
HEA CO2 5504 319 4D	550	4	3 ~ 400	3080	6.6	29823	26	6 × 4260	2 × 4260	34080
HEA CO2 5504 425 4D	550	4	3 ~ 400	3080	6.6	27879	24	8 × 4260	2 × 4260	42600
HEA CO2 6301 73 4D	630	1	3 ~ 400	1100	2.2	11636	19	5 × 1510	1 × 1510	9060
HEA CO2 6301 109 4D	630	1	3 ~ 400	1100	2.2	10896	18	7 × 1510	2 × 1510	13590
HEA CO2 6301 145 4D	630	1	3 ~ 400	1100	2.2	10266	17	9 × 1510	2 × 1510	16610
HEA CO2 6302 149 4D	630	2	3 ~ 400	2200	4.4	23376	22	5 × 2740	1 × 2740	16440
HEA CO2 6302 223 4D	630	2	3 ~ 400	2200	4.4	21949	21	7 × 2740	2 × 2740	24660
HEA CO2 6302 297 4D	630	2	3 ~ 400	2200	4.4	20702	20	9 × 2740	2 × 2740	30140
HEA CO2 6303 224 4D	630	3	3 ~ 400	3300	6.6	35125	28	5 × 3800	1 × 3800	22800
HEA CO2 6303 337 4D	630	3	3 ~ 400	3300	6.6	32995	26	7 × 3800	2 × 3800	34200
HEA CO2 6303 449 4D	630	3	3 ~ 400	3300	6.6	31137	24	9 × 3800	2 × 3800	41800
HEA CO2 6304 300 4D	630	4	3 ~ 400	4400	8.8	46862	33	5 × 5060	1 × 5060	30360
HEA CO2 6304 451 4D	630	4	3 ~ 400	4400	8.8	44040	31	7 × 5060	2 × 5060	45540
HEA CO2 6304 601 4D	630	4	3 ~ 400	4400	8.8	41576	29	9 × 5060	2 × 5060	55660
HEA CO2 8001 118 4D	800	1	3 ~ 400	1600	3.5	18761	25	7 × 1700	1 × 1700	13600
HEA CO2 8001 176 4D	800	1	3 ~ 400	1600	3.5	17520	23	10 × 1700	2 × 1700	20400
HEA CO2 8001 235 4D	800	1	3 ~ 400	1600	3.5	16251	21	16 × 1700	2 × 1700	30600
HEA CO2 8002 240 4D	800	2	3 ~ 400	3200	7.0	37710	29	7 × 2810	1 × 2810	22480
HEA CO2 8002 360 4D	800	2	3 ~ 400	3200	7.0	35267	27	10 × 2810	2 × 2810	33720
HEA CO2 8002 480 4D	800	2	3 ~ 400	3200	7.0	32807	25	16 × 2810	2 × 2810	50580
HEA CO2 8003 362 4D	800	3	3 ~ 400	4800	10.5	56670	34	7 × 4420	1 × 4420	35360
HEA CO2 8003 543 4D	800	3	3 ~ 400	4800	10.5	53012	32	10 × 4420	2 × 4420	53040
HEA CO2 8003 724 4D	800	3	3 ~ 400	4800	10.5	49366	30	16 × 4420	2 × 4420	79560

EVAPORATORS/ 蒸发器 NH3/CO2

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

CO2

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

片距6mm, 带电化霜库温>=-18°C

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

*The coil has 8 rows.

*内芯列数为8。

HEA CO2 SERIES EVAPORATOR

蒸发器系列 HEA CO2

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

片距6mm, 带电化霜库温>=-18°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HEA CO2 2501 06 6D	250	1	1 ~ 230	44	0.2	793	4	2 × 440	1 × 440	1320
HEA CO2 2502 11 6D	250	2	1 ~ 230	88	0.4	1587	5	2 × 730	1 × 730	2190
HEA CO2 2503 17 6D	250	3	1 ~ 230	132	0.6	2382	6	2 × 1030	1 × 1030	3090
HEA CO2 2504 23 6D	250	4	1 ~ 230	176	0.8	3175	7	2 × 1310	1 × 1310	3930
HEA CO2 2505 29 6D	250	5	1 ~ 230	220	1.0	3969	8	2 × 1600	1 × 1600	4800
HEA CO2 2506 35 6D	250	6	1 ~ 230	264	1.2	4764	10	2 × 1890	1 × 1890	5670
HEA CO2 3001 08 6D	300	1	1 ~ 230	72	0.3	1341	6	3 × 440	1 × 440	1760
HEA CO2 3002 15 6D	300	2	1 ~ 230	144	0.6	2683	7	3 × 730	1 × 730	2920
HEA CO2 3003 23 6D	300	3	1 ~ 230	216	1.0	4025	9	3 × 1030	1 × 1030	4120
HEA CO2 3004 31 6D	300	4	1 ~ 230	288	1.3	5367	11	3 × 1310	1 × 1310	5240
HEA CO2 3005 38 6D	300	5	1 ~ 230	360	1.6	6710	13	3 × 1600	1 × 1600	6400
HEA CO2 3006 46 6D	300	6	1 ~ 230	432	1.9	8051	15	3 × 1890	1 × 1890	7560
HEA CO2 3501 10 6D	350	1	1 ~ 230	130	0.6	1894	10	4 × 440	2 × 440	2640
HEA CO2 3502 19 6D	350	2	1 ~ 230	260	1.2	3793	14	4 × 730	2 × 730	4380
HEA CO2 3503 28 6D	350	3	1 ~ 230	390	1.7	5693	16	4 × 1030	2 × 1030	6180
HEA CO2 3504 38 6D	350	4	1 ~ 230	520	2.3	7595	20	4 × 1310	2 × 1310	7860
HEA CO2 3505 48 6D	350	5	1 ~ 230	650	2.9	9492	22	4 × 1600	2 × 1600	9600
HEA CO2 3506 57 6D	350	6	1 ~ 230	780	3.5	11392	24	4 × 1890	2 × 1890	11340
HEA CO2 4001 13 6D	400	1	1 ~ 230	160	0.7	3271	11	4 × 550	1 × 550	2750
HEA CO2 4002 27 6D	400	2	1 ~ 230	320	1.5	6491	14	4 × 1030	1 × 1030	5150
HEA CO2 4003 36 6D	400	3	1 ~ 230	480	2.2	9294	16	4 × 1310	1 × 1310	6550
HEA CO2 4004 54 6D	400	4	1 ~ 230	640	2.9	12983	19	4 × 1890	1 × 1890	9450
HEA CO2 4501 20 6D	450	1	3 ~ 400	460	1.0	5656	15	4 × 730	1 × 730	3650
HEA CO2 4502 41 6D	450	2	3 ~ 400	920	1.9	11317	18	4 × 1310	1 × 1310	6550
HEA CO2 4503 61 6D	450	3	3 ~ 400	1380	2.9	16969	22	4 × 1890	1 × 1890	9450
HEA CO2 4504 82 6D	450	4	3 ~ 400	1840	3.8	22638	24	4 × 2470	1 × 2470	12350
HEA CO2 5001 26 6D	500	1	3 ~ 400	820	1.6	7764	24	6 × 730	1 × 730	5110
HEA CO2 5001 39 6D	500	1	3 ~ 400	820	1.6	7031	21	7 × 730	2 × 730	6570
HEA CO2 5001 52 6D	500	1	3 ~ 400	770	1.7	6304	18	8 × 730	2 × 730	7300
HEA CO2 5002 54 6D	500	2	3 ~ 400	1640	3.2	15703	24	6 × 1400	1 × 1400	9800
HEA CO2 5002 81 6D	500	2	3 ~ 400	1640	3.2	14278	20	7 × 1400	2 × 1400	12600
HEA CO2 5002 108 6D	500	2	3 ~ 400	1540	3.3	12832	16	8 × 1400	2 × 1400	14000
HEA CO2 5003 82 6D	500	3	3 ~ 400	2460	4.8	23711	29	6 × 2050	1 × 2050	14350
HEA CO2 5003 122 6D	500	3	3 ~ 400	2460	4.8	21621	24	7 × 2050	2 × 2050	18450
HEA CO2 5003 163 6D	500	3	3 ~ 400	2310	5.0	19362	19	8 × 2050	2 × 2050	20500
HEA CO2 5004 109 6D	500	4	3 ~ 400	3080	6.6	30519	34	6 × 3390	1 × 3390	23730
HEA CO2 5004 164 6D	500	4	3 ~ 400	3080	6.6	28029	29	7 × 3390	2 × 3390	30510
HEA CO2 5004 219 6D	500	4	3 ~ 400	3080	6.6	25885	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ 蒸发器 NH3/CO2

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

CO2

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

片距6mm, 带电化霜库温>=-18°C

Model / 型号	Capacity / Capacidad CO2 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K						
HEA CO2 5501 35 6D	11.65	8.43	35.6	4.6	4	64	12	19
HEA CO2 5501 53 6D	15.33	11.16	53.3	6.9	6	79	12	22
HEA CO2 5501 70 6D	17.84	13.14	71.1	9.2	8	128	12	28
HEA CO2 5502 72 6D	24.51	17.93	73.1	9.5	4	154	12	35
HEA CO2 5502 108 6D	30.90	22.44	109.7	14.3	6	192	12	35
HEA CO2 5502 144 6D	36.96	27.37	146.3	19.0	8	232	16	35
HEA CO2 5503 109 6D	35.45	25.59	110.7	14.4	4	253	16	35
HEA CO2 5503 164 6D	48.09	35.25	166.1	21.6	6	307	16	35
HEA CO2 5503 218 6D	54.53	40.01	221.4	28.8	8	93	16	28
HEA CO2 5504 146 6D	49.52	36.22	148.3	19.3	4	111	16	28
HEA CO2 5504 219 6D	62.50	45.41	222.4	28.9	6	180	16	42
HEA CO2 5504 292 6D	68.46	49.45	296.6	38.5	8	220	16	42
HEA CO2 6301 50 6D	17.07	12.53	50.7	6.6	4	270	12	42
HEA CO2 6301 75 6D	22.86	16.79	76.0	9.9	6	325	12	42
HEA CO2 6301 100 6D	26.43	19.49	101.3	13.2	8	357	12	42
HEA CO2 6302 102 6D	35.24	25.64	103.7	13.5	4	431	16	54
HEA CO2 6302 153 6D	46.45	34.14	155.5	20.2	6	145	16	28
HEA CO2 6302 204 6D	53.76	39.66	207.4	26.9	8	177	16	35
HEA CO2 6303 154 6D	53.70	39.26	156.7	20.4	4	276	16	42
HEA CO2 6303 232 6D	68.94	50.32	235.1	30.5	6	346	16	54
HEA CO2 6303 309 6D	76.66	55.67	313.4	40.7	8	409	22	54
HEA CO2 6304 207 6D	71.12	51.76	209.7	27.2	4	511	16	67
HEA CO2 6304 310 6D	86.89	62.50	314.6	40.9	6	50	22	16
HEA CO2 6304 413 6D	108.41	80.00	419.5	54.5	8	100	22	28
HEA CO2 8001 81 6D	28.36	20.75	82.1	10.7	4	147	12	28
HEA CO2 8001 121 6D	35.29	25.58	123.1	16.0	6	197	16	35
HEA CO2 8001 162 6D	42.08	30.96	164.1	21.3	8	70	16	28
HEA CO2 8002 165 6D	55.93	40.55	167.4	21.7	4	141	16	28
HEA CO2 8002 247 6D	73.30	53.50	251.1	32.6	6	211	22	42
HEA CO2 8002 330 6D	85.55	62.90	334.9	43.5	8	278	22	42
HEA CO2 8003 249 6D	86.85	63.56	252.8	32.8	4	110	22	28
HEA CO2 8003 374 6D	108.31	78.67	379.2	49.3	6	215	22	35
HEA CO2 8003 498 6D	130.94	96.81	505.6	65.7	8	320	22	54

EVAPORATORS/ 蒸发器 NH3/CO2

HEA CO2 SERIES EVAPORATOR

蒸发器系列 HEA CO2

FIN SPACING 6 mm, with electrical defrost. Rt>=-18°C
片距6mm, 带电化霜库温>=-18°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HEA CO2 5501 35 6D	550	1	3 ~ 400	770	1.7	8042	17	4 × 1280	1 × 1280	6400
HEA CO2 5501 53 6D	550	1	3 ~ 400	770	1.7	7630	16	6 × 1280	2 × 1280	10240
HEA CO2 5501 70 6D	550	1	3 ~ 400	770	1.7	7223	15	8 × 1280	2 × 1280	12800
HEA CO2 5502 72 6D	550	2	3 ~ 400	1540	3.3	16170	20	4 × 2320	1 × 2320	11600
HEA CO2 5502 108 6D	550	2	3 ~ 400	1540	3.3	15360	19	6 × 2320	2 × 2320	18560
HEA CO2 5502 144 6D	550	2	3 ~ 400	1540	3.3	14605	18	8 × 2320	2 × 2320	23200
HEA CO2 5503 109 6D	550	3	3 ~ 400	2310	5.0	24291	23	4 × 3200	1 × 3200	16000
HEA CO2 5503 164 6D	550	3	3 ~ 400	2310	5.0	23091	22	6 × 3200	2 × 3200	25600
HEA CO2 5503 218 6D	550	3	3 ~ 400	2310	5.0	21980	21	8 × 3200	2 × 3200	32000
HEA CO2 5504 146 6D	550	4	3 ~ 400	3080	6.6	32420	27	4 × 4260	1 × 4260	21300
HEA CO2 5504 219 6D	550	4	3 ~ 400	3080	6.6	30816	26	6 × 4260	2 × 4260	34080
HEA CO2 5504 292 6D	550	4	3 ~ 400	3080	6.6	29354	25	8 × 4260	2 × 4260	42600
HEA CO2 6301 50 6D	630	1	3 ~ 400	1100	2.2	11942	20	5 × 1510	1 × 1510	9060
HEA CO2 6301 75 6D	630	1	3 ~ 400	1100	2.2	11313	19	7 × 1510	2 × 1510	13590
HEA CO2 6301 100 6D	630	1	3 ~ 400	1100	2.2	10740	18	9 × 1510	2 × 1510	16610
HEA CO2 6302 102 6D	630	2	3 ~ 400	2200	4.4	23970	23	5 × 2740	1 × 2740	16440
HEA CO2 6302 153 6D	630	2	3 ~ 400	2200	4.4	22757	22	7 × 2740	2 × 2740	24660
HEA CO2 6302 204 6D	630	2	3 ~ 400	2200	4.4	21643	21	9 × 2740	2 × 2740	30140
HEA CO2 6303 154 6D	630	3	3 ~ 400	3300	6.6	36008	27	5 × 3800	1 × 3800	22800
HEA CO2 6303 232 6D	630	3	3 ~ 400	3300	6.6	34192	26	7 × 3800	2 × 3800	34200
HEA CO2 6303 309 6D	630	3	3 ~ 400	3300	6.6	32539	25	9 × 3800	2 × 3800	41800
HEA CO2 6304 207 6D	630	4	3 ~ 400	4400	8.8	48033	34	5 × 5060	1 × 5060	30360
HEA CO2 6304 310 6D	630	4	3 ~ 400	4400	8.8	45627	32	7 × 5060	2 × 5060	45540
HEA CO2 6304 413 6D	630	4	3 ~ 400	4400	8.8	43443	30	9 × 5060	2 × 5060	55660
HEA CO2 8001 81 6D	800	1	3 ~ 400	1600	3.5	19375	25	7 × 1700	1 × 1700	13600
HEA CO2 8001 121 6D	800	1	3 ~ 400	1600	3.5	18185	24	10 × 1700	2 × 1700	20400
HEA CO2 8001 162 6D	800	1	3 ~ 400	1600	3.5	17229	23	16 × 1700	2 × 1700	30600
HEA CO2 8002 165 6D	800	2	3 ~ 400	3200	7.0	38913	29	7 × 2810	1 × 2810	22480
HEA CO2 8002 247 6D	800	2	3 ~ 400	3200	7.0	36557	28	10 × 2810	2 × 2810	33720
HEA CO2 8002 330 6D	800	2	3 ~ 400	3200	7.0	34750	27	16 × 2810	2 × 2810	50580
HEA CO2 8003 249 6D	800	3	3 ~ 400	4800	10.5	58461	34	7 × 4420	1 × 4420	35360
HEA CO2 8003 374 6D	800	3	3 ~ 400	4800	10.5	54923	33	10 × 4420	2 × 4420	53040
HEA CO2 8003 498 6D	800	3	3 ~ 400	4800	10.5	52276	32	16 × 4420	2 × 4420	79560

EVAPORATORS/ 蒸发器 NH3/CO2

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

CO2

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

片距9mm, 带电加热。库温>=-35°C

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

*The coil has 8 rows.

*内芯列数为8。

HEA CO2 SERIES EVAPORATOR

蒸发器系列 HEA CO2

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C
片距9mm, 带电加热。库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总 功率 (W)
HEA CO2 2501 04 9D	250	1	1 ~ 230	44	0.2	834	4	2 × 440	1 × 440	1320
HEA CO2 2502 08 9D	250	2	1 ~ 230	88	0.4	1668	5	2 × 730	1 × 730	2190
HEA CO2 2503 12 9D	250	3	1 ~ 230	132	0.6	2503	6	2 × 1030	1 × 1030	3090
HEA CO2 2504 16 9D	250	4	1 ~ 230	176	0.8	3337	7	2 × 1310	1 × 1310	3930
HEA CO2 2505 20 9D	250	5	1 ~ 230	220	1.0	4171	9	2 × 1600	1 × 1600	4800
HEA CO2 2506 24 9D	250	6	1 ~ 230	264	1.2	5006	10	2 × 1890	1 × 1890	5670
HEA CO2 3001 06 9D	300	1	1 ~ 230	72	0.3	1404	6	3 × 440	1 × 440	1760
HEA CO2 3002 10 9D	300	2	1 ~ 230	144	0.6	2810	7	3 × 730	1 × 730	2920
HEA CO2 3003 16 9D	300	3	1 ~ 230	216	1.0	4214	9	3 × 1030	1 × 1030	4120
HEA CO2 3004 21 9D	300	4	1 ~ 230	288	1.3	5620	11	3 × 1310	1 × 1310	5240
HEA CO2 3005 27 9D	300	5	1 ~ 230	360	1.6	7026	13	3 × 1600	1 × 1600	6400
HEA CO2 3006 31 9D	300	6	1 ~ 230	432	1.9	8430	15	3 × 1890	1 × 1890	7560
HEA CO2 3501 07 9D	350	1	1 ~ 230	130	0.6	2059	11	4 × 440	2 × 440	2640
HEA CO2 3502 13 9D	350	2	1 ~ 230	260	1.2	4124	14	4 × 730	2 × 730	4380
HEA CO2 3503 20 9D	350	3	1 ~ 230	390	1.7	6189	17	4 × 1030	2 × 1030	6180
HEA CO2 3504 27 9D	350	4	1 ~ 230	520	2.3	8257	20	4 × 1310	2 × 1310	7860
HEA CO2 3505 34 9D	350	5	1 ~ 230	650	2.9	10319	22	4 × 1600	2 × 1600	9600
HEA CO2 3506 40 9D	350	6	1 ~ 230	780	3.5	12384	24	4 × 1890	2 × 1890	11340
HEA CO2 4001 09 9D	400	1	1 ~ 230	160	0.7	3418	11	4 × 550	1 × 550	2750
HEA CO2 4002 18 9D	400	2	1 ~ 230	320	1.5	6788	14	4 × 1030	1 × 1030	5150
HEA CO2 4003 24 9D	400	3	1 ~ 230	480	2.2	9780	16	4 × 1310	1 × 1310	6550
HEA CO2 4004 36 9D	400	4	1 ~ 230	640	2.9	13578	20	4 × 1890	1 × 1890	9450
HEA CO2 4501 14 9D	450	1	3 ~ 400	460	1.0	5878	15	4 × 730	1 × 730	3650
HEA CO2 4502 28 9D	450	2	3 ~ 400	920	1.9	11759	18	4 × 1310	1 × 1310	6550
HEA CO2 4503 41 9D	450	3	3 ~ 400	1380	2.9	17632	22	4 × 1890	1 × 1890	9450
HEA CO2 4504 57 9D	450	4	3 ~ 400	1840	3.8	23521	24	4 × 2470	1 × 2470	12350
HEA CO2 5001 17 9D	500	1	3 ~ 400	820	1.6	8094	26	6 × 730	1 × 730	5110
HEA CO2 5001 26 9D	500	1	3 ~ 400	820	1.6	7437	23	7 × 730	2 × 730	6570
HEA CO2 5001 36 9D	500	1	3 ~ 400	820	1.6	6892	20	8 × 730	2 × 730	7300
HEA CO2 5002 36 9D	500	2	3 ~ 400	1640	3.2	16344	24	6 × 1400	1 × 1400	9800
HEA CO2 5002 54 9D	500	2	3 ~ 400	1640	3.2	15075	20	7 × 1400	2 × 1400	12600
HEA CO2 5002 75 9D	500	2	3 ~ 400	1640	3.2	13995	16	8 × 1400	2 × 1400	14000
HEA CO2 5003 54 9D	500	3	3 ~ 400	2460	4.8	24638	29	6 × 2050	1 × 2050	14350
HEA CO2 5003 82 9D	500	3	3 ~ 400	2460	4.8	22793	24	7 × 2050	2 × 2050	18450
HEA CO2 5003 114 9D	500	3	3 ~ 400	2460	4.8	21102	19	8 × 2050	2 × 2050	20500
HEA CO2 5004 76 9D	500	4	3 ~ 400	3280	6.4	32828	34	6 × 3390	1 × 3390	23730
HEA CO2 5004 114 9D	500	4	3 ~ 400	3280	6.4	30332	29	7 × 3390	2 × 3390	30510
HEA CO2 5004 152 9D	500	4	3 ~ 400	3280	6.4	28200	24	8 × 3390	2 × 3390	33900

EVAPORATORS/ 蒸发器 NH3/CO2

COMMERCIAL CUBIC EVAPORATORS

商用蒸发器

CO2

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

片距9mm, 带电加热。库温>=-35°C

Model / 型号	Capacity / Capacidad CO2 (kW)		Surface/ 面积 (m2)	Tube Volume/ 管容积 (dm3)	Coil Rows 列数	N.W/ 净重 (kg)	Connection/ 接口尺寸 (ø mm)	
	t _e = -8°C	t _e = -25°C					Inlet/ 进口	Outlet/ 出口
	DT1=8K	DT1=7K						
HEA CO2 5501 24 9D	9.60	6.95	24.6	4.6	4	60	12	19
HEA CO2 5501 37 9D	12.96	9.42	36.8	6.9	6	74	12	22
HEA CO2 5501 49 9D	15.56	11.36	49.1	9.2	8	120	12	28
HEA CO2 5502 50 9D	19.83	14.44	50.5	9.5	4	144	12	35
HEA CO2 5502 75 9D	26.22	19.03	75.8	14.3	6	180	12	35
HEA CO2 5502 101 9D	31.84	23.32	101.0	19.0	8	217	16	35
HEA CO2 5503 76 9D	29.33	21.20	76.5	14.4	4	238	16	35
HEA CO2 5503 114 9D	40.23	29.36	114.7	21.6	6	286	16	35
HEA CO2 5503 152 9D	47.59	34.72	152.9	28.8	8	88	16	28
HEA CO2 5504 102 9D	40.05	29.16	102.4	19.3	4	105	16	28
HEA CO2 5504 153 9D	52.99	38.48	153.6	28.9	6	170	16	42
HEA CO2 5504 204 9D	60.81	43.86	204.8	38.5	8	206	16	42
HEA CO2 6301 35 9D	13.64	9.89	35.0	6.6	4	254	12	42
HEA CO2 6301 52 9D	19.02	13.87	52.5	9.9	6	304	12	42
HEA CO2 6301 70 9D	22.86	16.74	70.0	13.2	8	336	12	42
HEA CO2 6302 71 9D	28.64	20.78	71.6	13.5	4	402	16	54
HEA CO2 6302 107 9D	38.62	28.18	107.4	20.2	6	136	16	28
HEA CO2 6302 143 9D	46.45	34.04	143.2	26.9	8	166	16	35
HEA CO2 6303 108 9D	43.14	31.35	108.2	20.4	4	259	16	42
HEA CO2 6303 162 9D	58.11	42.31	162.4	30.5	6	323	16	54
HEA CO2 6303 215 9D	67.52	48.96	216.5	40.7	8	383	22	54
HEA CO2 6304 144 9D	57.75	41.91	144.9	27.2	4	477	16	67
HEA CO2 6304 216 9D	74.71	53.85	217.3	40.9	6	47	22	16
HEA CO2 6304 288 9D	93.62	68.62	289.7	54.5	8	95	22	28
HEA CO2 8001 56 9D	23.03	16.77	56.7	10.7	4	140	12	28
HEA CO2 8001 85 9D	30.14	21.87	85.0	16.0	6	187	16	35
HEA CO2 8001 113 9D	36.64	26.79	113.4	21.3	8	67	16	28
HEA CO2 8002 115 9D	46.09	33.41	115.6	21.7	4	134	16	28
HEA CO2 8002 173 9D	62.08	45.25	173.5	32.6	6	200	22	42
HEA CO2 8002 230 9D	74.34	54.40	231.3	43.5	8	264	22	42
HEA CO2 8003 174 9D	70.41	51.31	174.6	32.8	4	105	22	28
HEA CO2 8003 261 9D	92.40	67.12	261.9	49.3	6	204	22	35
HEA CO2 8003 347 9D	112.66	82.64	349.2	65.7	8	303	22	54

EVAPORATORS/ 蒸发器 NH3/CO2

HEA CO2 SERIES EVAPORATOR

蒸发器系列 HEA CO2

FIN SPACING 9 mm, with electrical defrost. Rt>=-35°C
片距9mm, 带电加热。库温>=-35°C

Model/ 型号	Axial Fans/ 轴流风机							Electric Defrost/ 电化霜		
	Diameter 直径 (Φ mm)	N°	Voltage/ 电压 (V, 50Hz)	Power/ 功率 (W)	Current/ 电流 (A)	Air Flow/ 风量 (m3/h)	Air Throw/ 射程 (m)	Coil/ 内芯 (W)	Drain Pan/ 接水盘 (W)	Total/ 总功率 (W)
HEA CO2 5501 24 9D	550	1	3 ~ 400	770	1.7	8231	17	4 × 1280	1 × 1280	6400
HEA CO2 5501 37 9D	550	1	3 ~ 400	770	1.7	7858	16	6 × 1280	2 × 1280	10240
HEA CO2 5501 49 9D	550	1	3 ~ 400	770	1.7	7545	16	8 × 1280	2 × 1280	12800
HEA CO2 5502 50 9D	550	2	3 ~ 400	1540	3.3	16538	21	4 × 2320	1 × 2320	11600
HEA CO2 5502 75 9D	550	2	3 ~ 400	1540	3.3	15805	20	6 × 2320	2 × 2320	18560
HEA CO2 5502 101 9D	550	2	3 ~ 400	1540	3.3	15201	19	8 × 2320	2 × 2320	23200
HEA CO2 5503 76 9D	550	3	3 ~ 400	2310	5.0	24838	24	4 × 3200	1 × 3200	16000
HEA CO2 5503 114 9D	550	3	3 ~ 400	2310	5.0	23753	23	6 × 3200	2 × 3200	25600
HEA CO2 5503 152 9D	550	3	3 ~ 400	2310	5.0	22849	22	8 × 3200	2 × 3200	32000
HEA CO2 5504 102 9D	550	4	3 ~ 400	3080	6.6	33147	28	4 × 4260	1 × 4260	21300
HEA CO2 5504 153 9D	550	4	3 ~ 400	3080	6.6	31696	27	6 × 4260	2 × 4260	34080
HEA CO2 5504 204 9D	550	4	3 ~ 400	3080	6.6	30496	26	8 × 4260	2 × 4260	42600
HEA CO2 6301 35 9D	630	1	3 ~ 400	1100	2.2	12160	20	5 × 1510	1 × 1510	9060
HEA CO2 6301 52 9D	630	1	3 ~ 400	1100	2.2	11668	19	7 × 1510	2 × 1510	13590
HEA CO2 6301 70 9D	630	1	3 ~ 400	1100	2.2	11181	19	9 × 1510	2 × 1510	16610
HEA CO2 6302 71 9D	630	2	3 ~ 400	2200	4.4	24365	24	5 × 2740	1 × 2740	16440
HEA CO2 6302 107 9D	630	2	3 ~ 400	2200	4.4	23449	23	7 × 2740	2 × 2740	24660
HEA CO2 6302 143 9D	630	2	3 ~ 400	2200	4.4	22502	22	9 × 2740	2 × 2740	30140
HEA CO2 6303 108 9D	630	3	3 ~ 400	3300	6.6	36577	28	5 × 3800	1 × 3800	22800
HEA CO2 6303 162 9D	630	3	3 ~ 400	3300	6.6	35220	27	7 × 3800	2 × 3800	34200
HEA CO2 6303 215 9D	630	3	3 ~ 400	3300	6.6	33814	26	9 × 3800	2 × 3800	41800
HEA CO2 6304 144 9D	630	4	3 ~ 400	4400	8.8	48782	35	5 × 5060	1 × 5060	30360
HEA CO2 6304 216 9D	630	4	3 ~ 400	4400	8.8	46991	33	7 × 5060	2 × 5060	45540
HEA CO2 6304 288 9D	630	4	3 ~ 400	4400	8.8	45135	31	9 × 5060	2 × 5060	55660
HEA CO2 8001 56 9D	800	1	3 ~ 400	1600	3.5	19873	25	7 × 1700	1 × 1700	13600
HEA CO2 8001 85 9D	800	1	3 ~ 400	1600	3.5	18826	24	10 × 1700	2 × 1700	20400
HEA CO2 8001 113 9D	800	1	3 ~ 400	1600	3.5	17974	23	16 × 1700	2 × 1700	30600
HEA CO2 8002 115 9D	800	2	3 ~ 400	3200	7.0	39873	30	7 × 2810	1 × 2810	22480
HEA CO2 8002 173 9D	800	2	3 ~ 400	3200	7.0	37848	29	10 × 2810	2 × 2810	33720
HEA CO2 8002 230 9D	800	2	3 ~ 400	3200	7.0	36140	28	16 × 2810	2 × 2810	50580
HEA CO2 8003 174 9D	800	3	3 ~ 400	4800	10.5	59883	37	7 × 4420	1 × 4420	35360
HEA CO2 8003 261 9D	800	3	3 ~ 400	4800	10.5	56864	35	10 × 4420	2 × 4420	53040
HEA CO2 8003 347 9D	800	3	3 ~ 400	4800	10.5	54311	33	16 × 4420	2 × 4420	79560

EVAPORATORS/ 蒸发器 NH3/CO2

AVAILABLE OPTIONS FOR HEA CO2 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
- SS1: 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 bigger models
- Streamers: Air-guiding device for increased airthrow

Casing options:

- White powder-coated painted aluminium: standard models
- SS2: stainless steel AISI SUS304

Other options:

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

HEA CO2系列选配件:

化霜:

- 无化霜 (空气)
- D: 电化霜: 标准型号
- HG: 热氟
- W: 水
- HGD: 内芯热氟化霜, 接水盘电化霜
- WD: 水和电化霜

盘管材质:

- 铜管: 标准型号
- SS1: 304不锈钢

内芯材质:

- 铝箔: 标准型号
- 高防腐性的金色铝箔

风机:

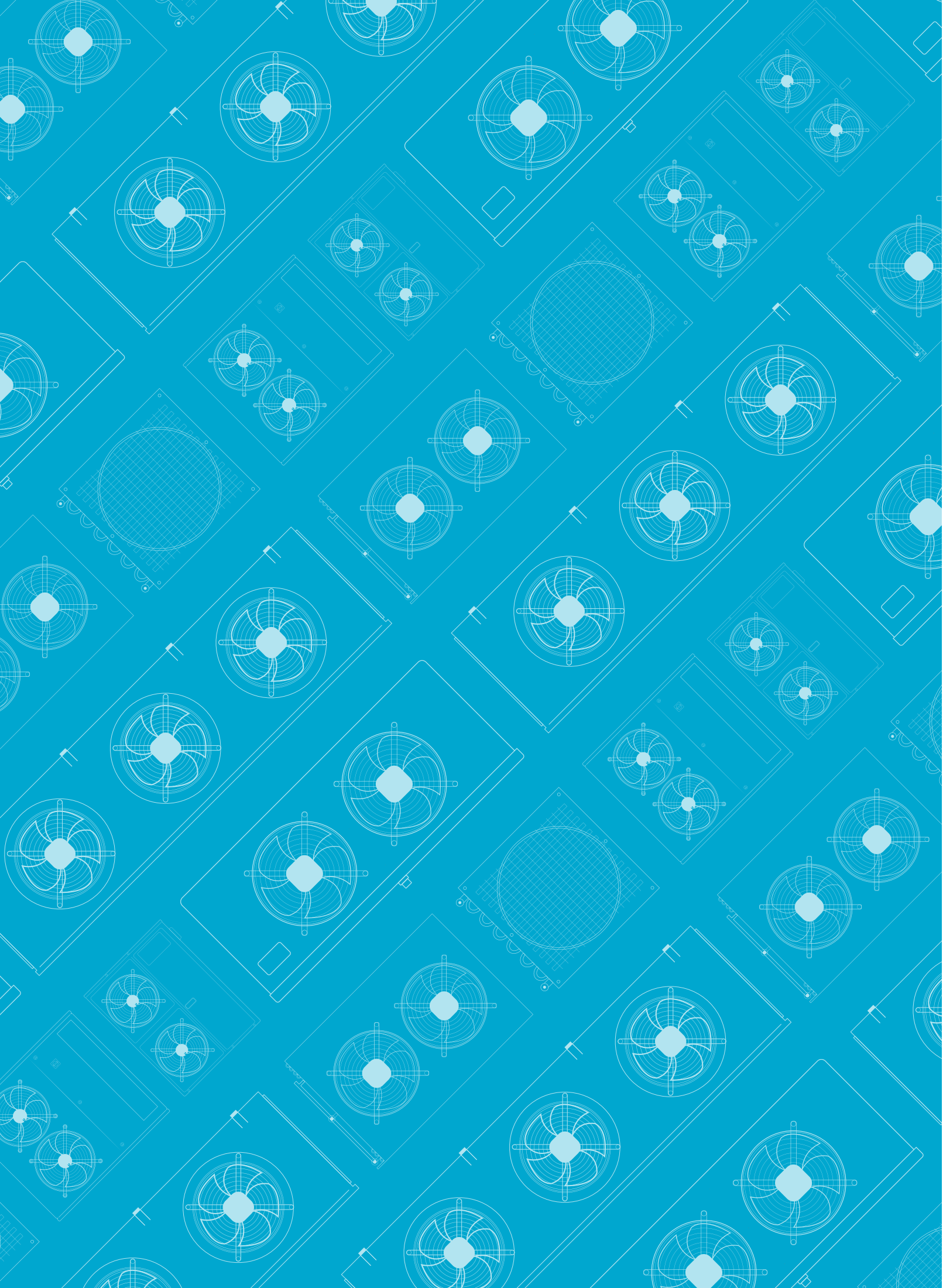
- EC风机
- 风筒电加热: 仅供500mm及以上的风机
- 导风筒: 增加射程

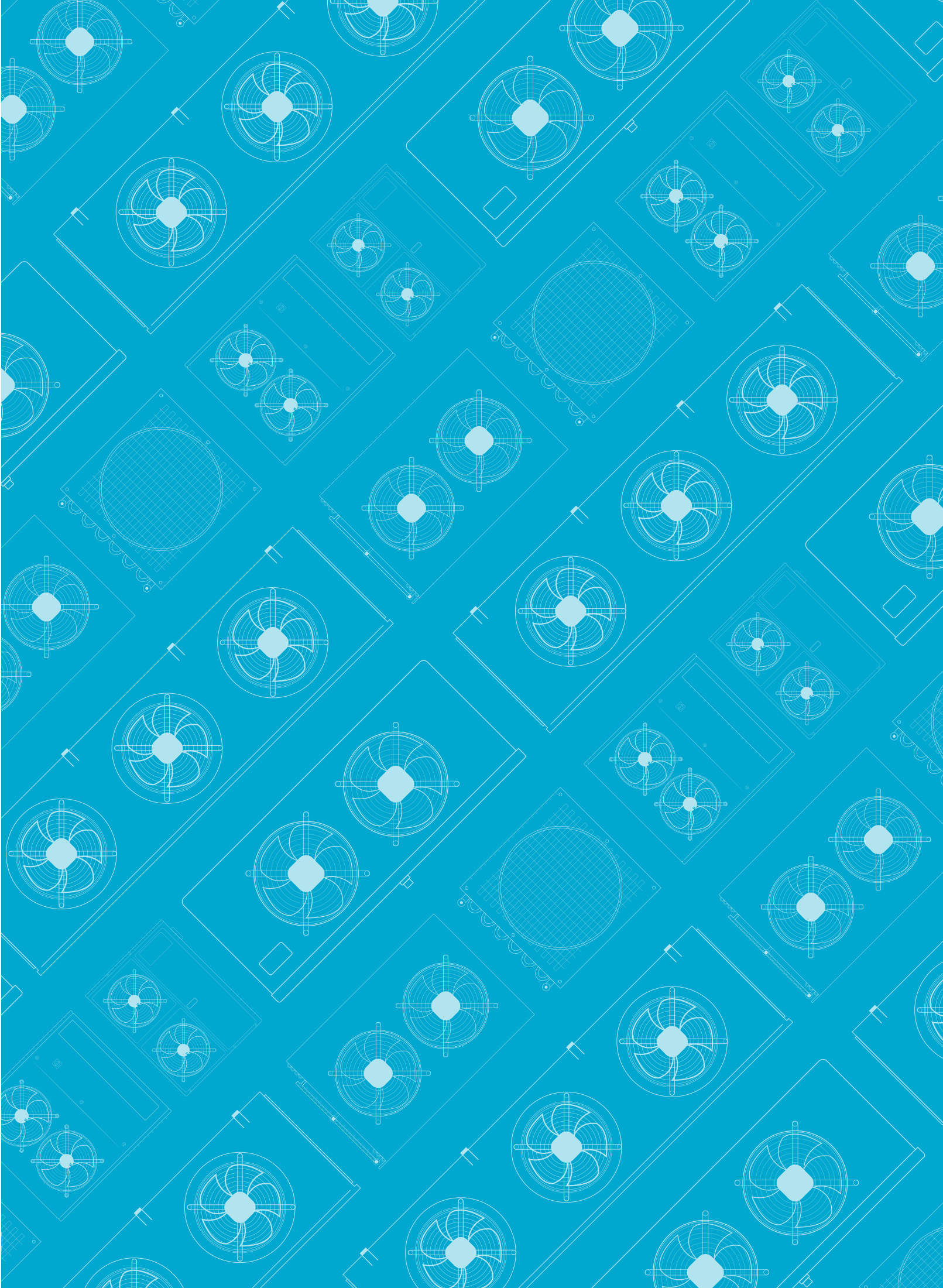
外壳:

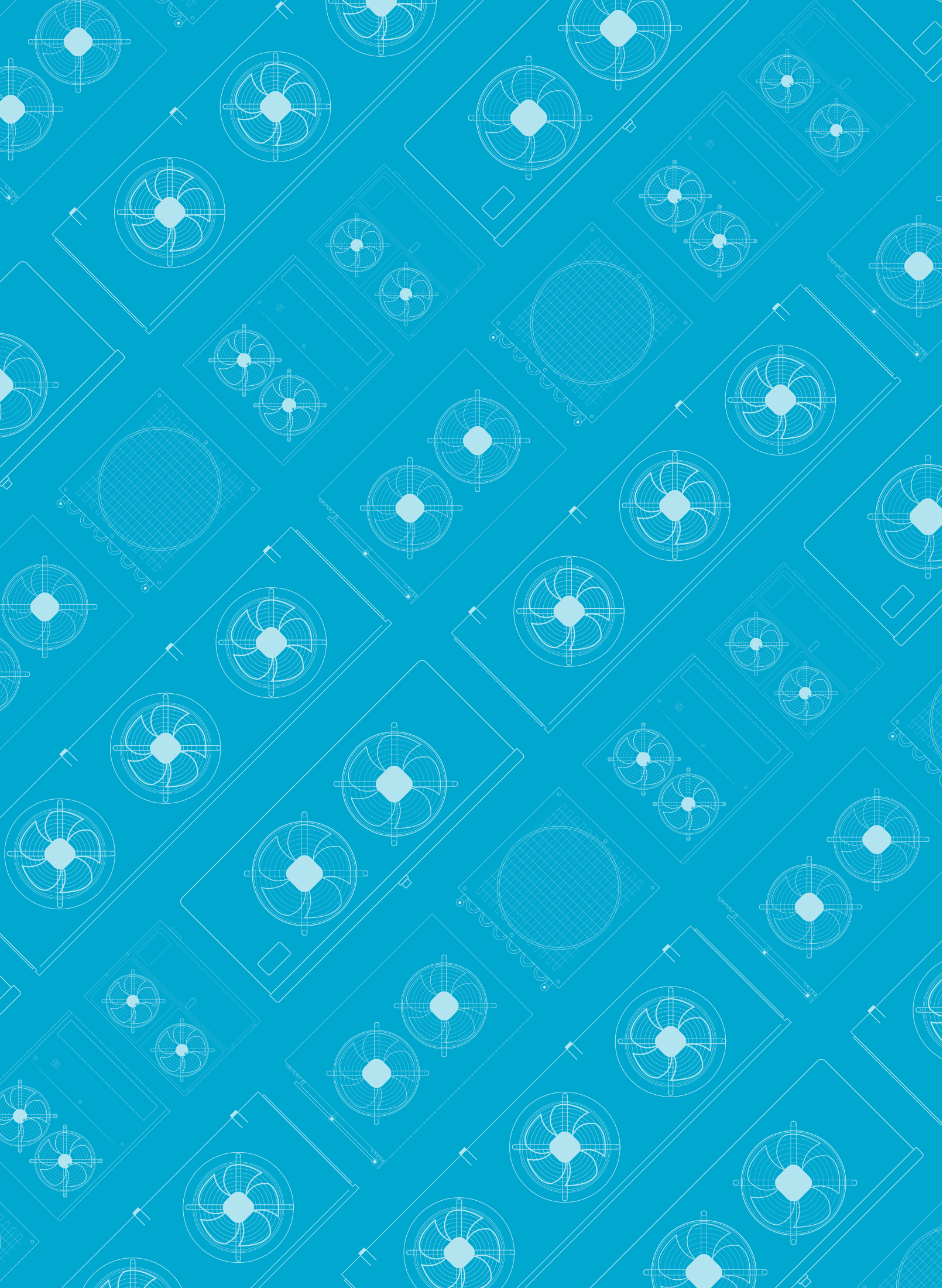
- 铝制白色喷涂: 标准型号
- SS2: 304不锈钢

其他:

- 双接水盘 (低温工况推荐)
- 电化霜热保护器









工厂（中国）：

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