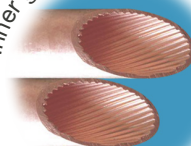


HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA



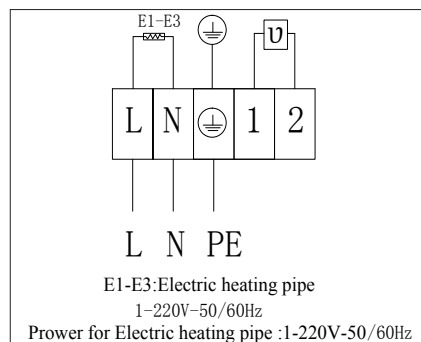
Inner grooved copper tube



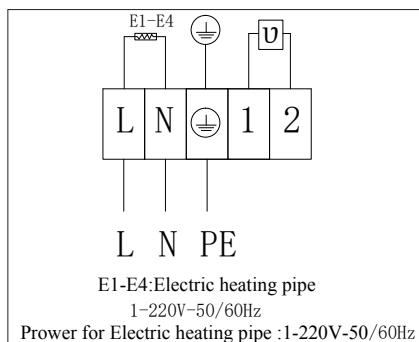
HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

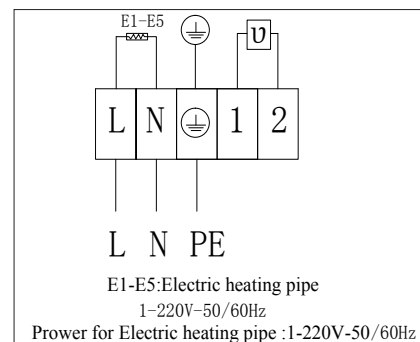
Defrost heating circuit diagram:/ Diagrama del circuito de calentamiento de descongelamiento:



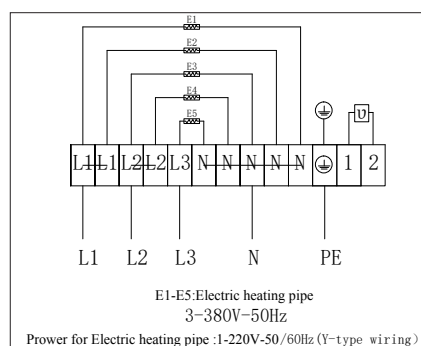
HEA 250 D



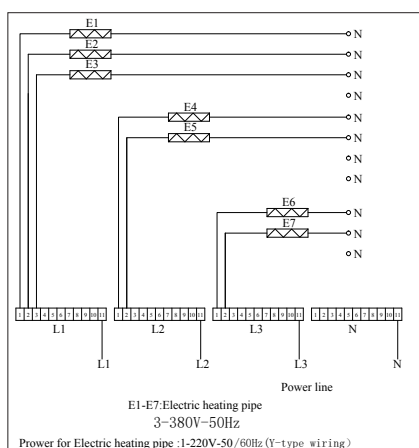
HEA 300 D



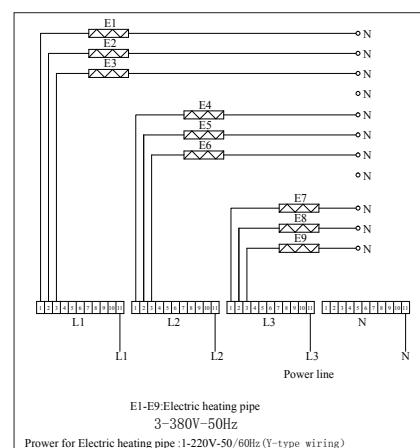
HEA 400 D



HEA 400/450 D

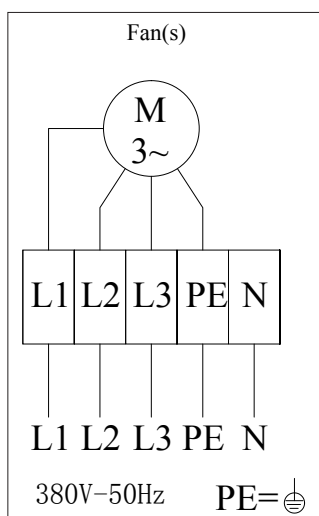
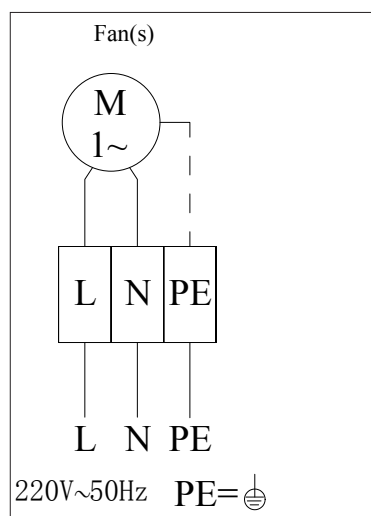


HEA 500 D (4R)



HEA 500 D (6R)

Fan motor circuit diagram:/ Diagrama del circuito del motor del ventilador:



EVAPORATOR QUICK SELECTION TABLES

EVAPORADORES TABLA DE SELECCIÓN RÁPIDA

Cooling capacities as given in the tables are nominal capacities for wet conditions (Qn) in compliance with Eurovent regulations and **EN328**. These nominal values have been calculated from the standard (dry) condition Qst with the following formula: $Q_n = Q_{st} \times \text{correction factor}$.

Las capacidades de refrigeración indicadas en las tablas son capacidades nominales para condiciones húmedas (Qn) en conformidad con las normas Eurovent y **EN328**. Estos valores nominales se han calculado a partir de la condición estándar (seca) Qst con la siguiente fórmula: $Q_n = Q_{st} \times \text{factor de corrección}$.

Standard condition/ Condición estándar	Air inlet temp. / Temperatura de entrada de aire (°C)	Evaporating temp./ Temp. Evaporación (°C)	Relative humidity/ Humedad relativa	Correction factor/ Factor de corrección
SC1	10	0	85%	1.35
SC2	0	-8	85%	1.15
SC3	-18	-25	95%	1.05
SC4	-25	-31	95%	1.01

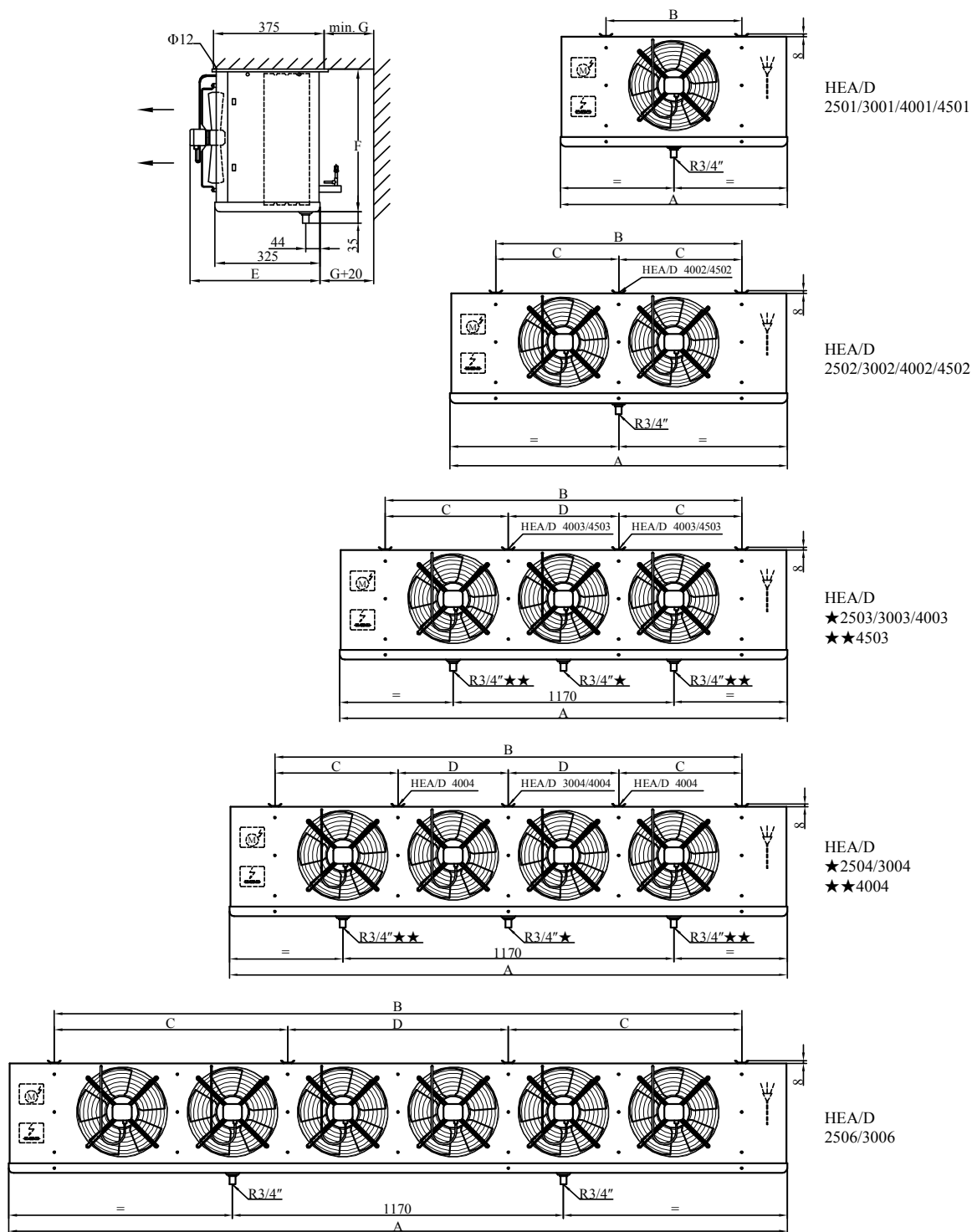
All nominal capacities are calculated with R404A. To get capacity with other refrigerants, multiply by the following correction factors R404A capacity in the same condition:

Todas las capacidades nominales se calculan con R404A. Para obtener capacidad con otros refrigerantes, multiplique por los siguientes factores de corrección la capacidad de R404A en la misma condición:

Refrigerant Refrigerante	Correction factors (dew-point) Factor de corrección (punto de rocío)			
	SC1	SC2	SC3	SC4
R407A	1.19	1.24	1.28	1.32
R407F	1.19	1.24	1.28	1.35
R507A	0.97	0.97	0.97	0.97
R22	0.97	0.97	0.97	0.97
R134a	0.93	0.91	0.85	-
R450A	0.93	0.92	0.88	0.84
R513A	0.92	0.91	0.89	0.87

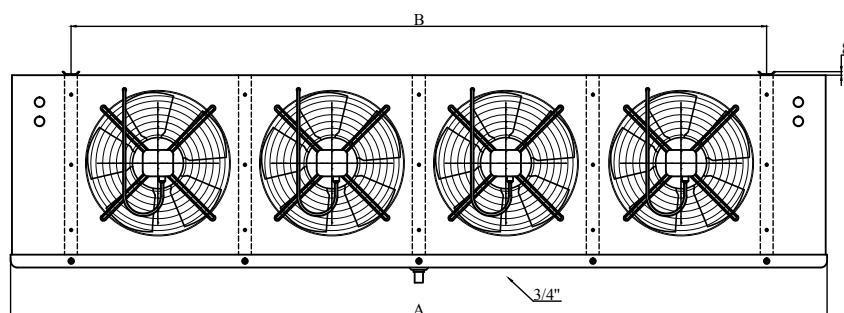
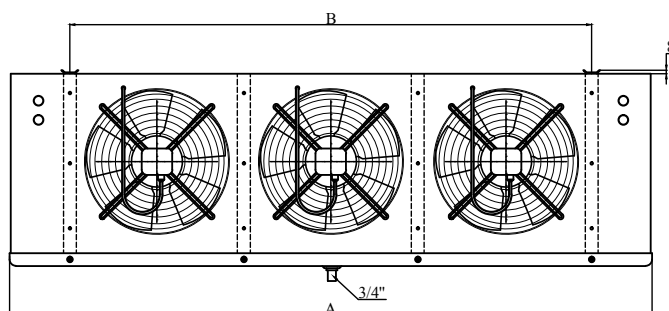
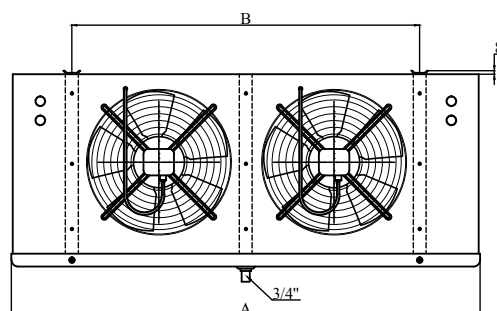
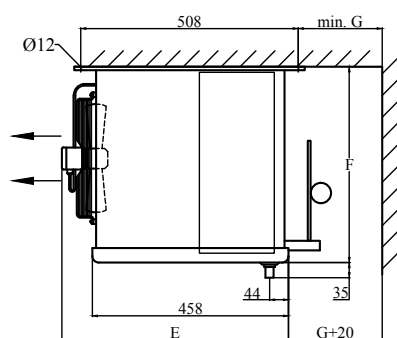
HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA



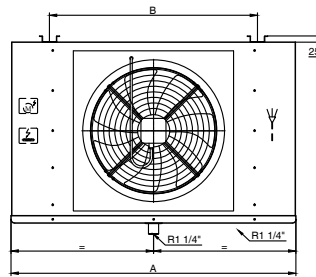
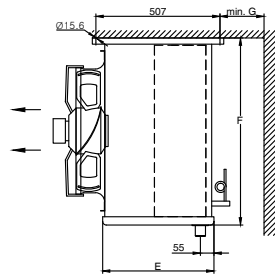
HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

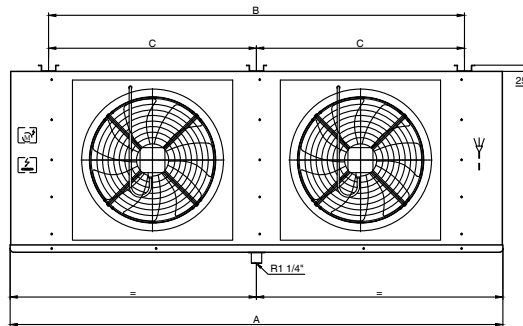


HEA SERIES EVAPORATOR

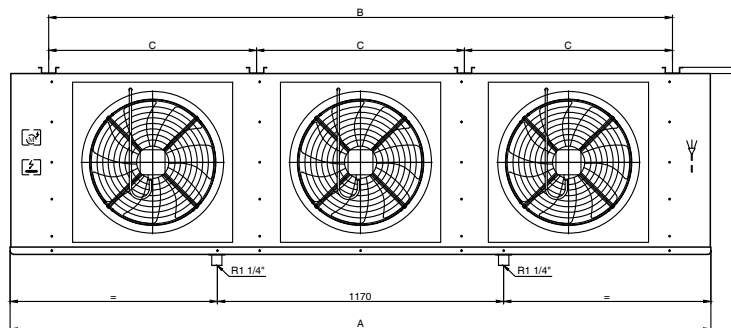
EVAPORADORES SERIE HEA



HEA/D 5001



HEA/D 5002



HEA/D 5003

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

Model / Modelo	Dimensions/Dimensiones(mm)						
	A	B	C	D	E	F	G
HEA 2501...	702	420			430	350	200
HEA 2502...	1094	812			430	350	200
HEA 2503...	1486	1204			430	350	200
HEA 2504...	1878	1596			430	350	200
HEA 2506...	2662	2380	798	784	430	350	250
HEA 3001...	702	420			415	460	200
HEA 3002...	1094	812			415	460	200
HEA 3003...	1486	1204			415	460	250
HEA 3004...	1878	1596			415	460	250
HEA 3006...	2662	2380	798	784	415	460	300
HEA 3501...	702	420			530	460	300
HEA 3502...	1094	812			530	460	300
HEA 3503...	1486	1204			530	460	300
HEA 3504...	1878	1596			530	460	350
HEA 4001...	912	630			455	530	250
HEA 4002...	1486	1204	602		455	530	300
HEA 4003...	1878	1596	546	504	455	530	300
HEA 4004...	2662	2380	595	595	455	530	350
HEA 4501...	1094	812			460	600	300
HEA 4502...	1878	1596	798		460	600	300
HEA 4503...	2662	2380	798	784	460	600	350
HEA 5001...	1165	850			455	740	400
HEA 5002...	2015	1700	850		455	740	400
HEA 5003...	2865	2550	850	850	455	740	450

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

Fin spacing, Espacio entre aletas 4 mm, with heater/ Con resistencia, $Rt \geq -18^{\circ}\text{C}$

Model / Modelo	Nominal Capacity / Capacidad Nominal (kw)		Capacity / Capacidad (kw)		Superficie/ Surface (m ²)	Tube Volume/ Volumen Interno (dm ³)	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	$t_e = -8^{\circ}\text{C}$	$t_e = -25^{\circ}\text{C}$	$t_e = -8^{\circ}\text{C}$	$t_e = -25^{\circ}\text{C}$				Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HEA 2501 09 4D	1.50	0.99	1.30	0.94	9	1.8	14	12	16
HEA 2502 17 4D	3.08	2.14	2.68	2.04	17	3.2	25	12	19
HEA 2503 26 4D	4.66	3.29	4.05	3.13	26	4.7	36	12	22
HEA 2504 35 4D	6.29	4.60	5.47	4.38	35	6.1	47	12	22
HEA 2506 52 4D	9.38	6.86	8.16	6.53	52	8.7	70	15	28
HEA 3001 12 4D	2.46	1.87	2.14	1.78	12	2.4	19	12	19
HEA 3002 23 4D	4.96	3.72	4.31	3.54	23	4.3	32	12	22
HEA 3003 35 4D	7.44	5.48	6.47	5.22	35	6.2	46	12	22
HEA 3004 46 4D	9.78	7.09	8.50	6.75	46	8.2	60	15	28
HEA 3006 69 4D	14.25	10.02	12.39	9.54	69	11.6	85	15	28
HEA 3501 14 4D	3.36	2.44	2.92	2.32	15	4	36	12	19
HEA 3502 28 4D	7.52	5.20	6.54	4.95	28	6	40	12	22
HEA 3503 42 4D	11.21	7.16	9.75	6.82	42	9	54	12	22
HEA 3504 55 4D	14.41	8.89	12.53	8.47	55	11	68	12	22
HEA 4001 20 4D	5.41	4.03	4.70	3.84	20	3.5	30	12	19
HEA 4002 40 4D	10.65	7.61	9.26	7.25	40	7.2	57	12	22
HEA 4003 54 4D	14.93	10.48	12.98	9.98	54	9.6	73	15	28
HEA 4004 81 4D	19.86	13.49	17.27	12.85	81	14.4	109	15	35
HEA 4501 31 4D	7.60	5.63	6.61	5.36	31	5.5	41	12	22
HEA 4502 61 4D	17.07	12.04	14.84	11.47	61	10.5	82	15	28
HEA 4503 92 4D	24.36	16.84	21.18	16.04	92	15.5	122	15	35
HEA 5001 39 4D	11.04	8.02	9.6	7.64	39	7.1	68	15	28
HEA 5001 58 4D	13.66	10.10	11.88	9.62	58	10.6	82	15	28
HEA 5002 81 4D	21.56	15.18	18.75	14.46	81	14	123	22	35
HEA 5002 121 4D	27.09	19.04	23.56	18.13	121	21	151	22	35
HEA 5003 122 4D	33.09	23.91	28.77	22.77	122	21.1	178	28	42
HEA 5003 183 4D	40.51	28.63	35.23	27.27	183	31.5	220	28	42

*Marks: Optional model without heater available / Nota: Modelo opcional sin el calentador disponible.

*Evaporator for Glycol available / Evaporador con glicol disponible.

*Golden fins with highly anti-corrosion strength available / Aleta goldfin con alta resistencia a la corrosión disponible.

*Double trays available / Bandeja doble disponible.

*Fan shroud heater for versions with long nozzle are available / Resistencia de gel de sílice para motor de ventilador con boquilla larga disponible.

HEA SERIES EVAPORATOR

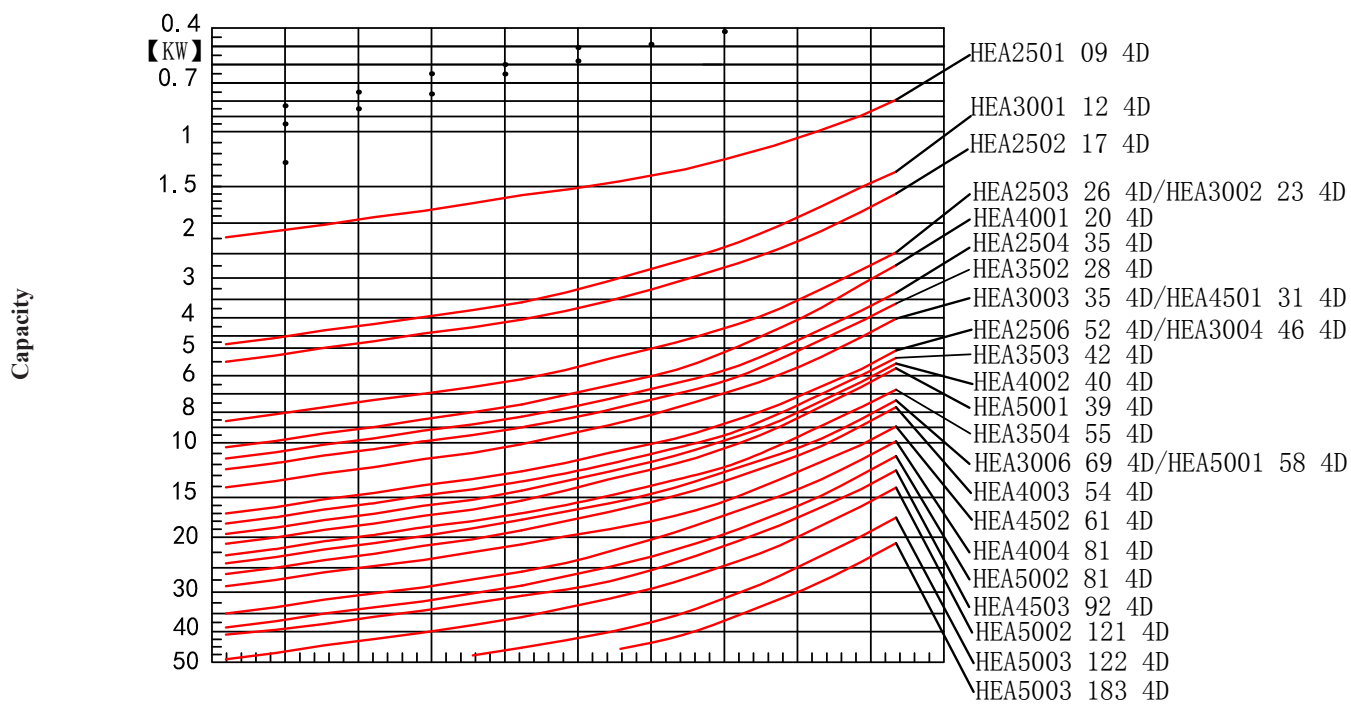
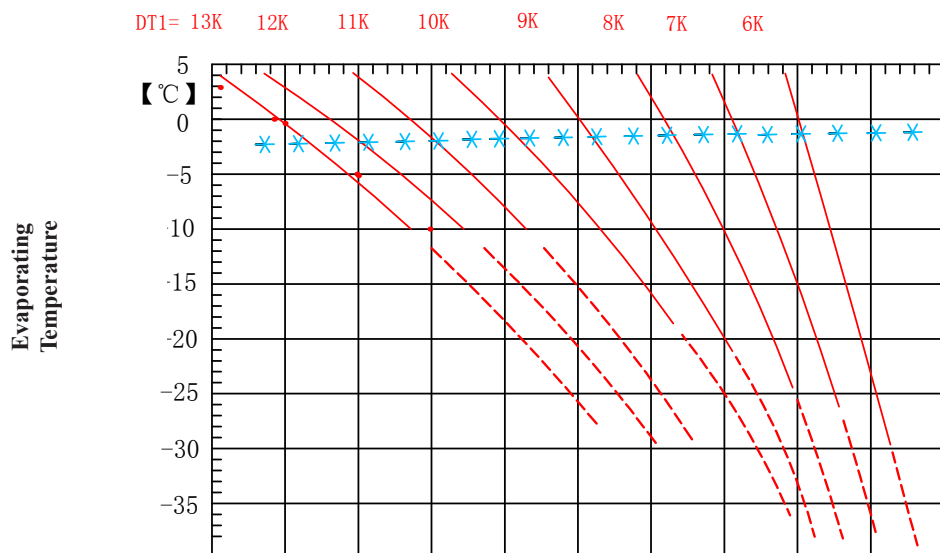
EVAPORADORES SERIE HEA

Electric data/ Datos eléctricos

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diameter Diámetro (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensidad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Aletas (W)	Drain Pan/ Desagüe (W)	Total (W)
HEA 2501 09 4D	250	1	1~ 220	44	0.20	800	3.5	2 × 440	1 × 440	1320
HEA 2502 17 4D	250	2	1~ 220	88	0.40	1600	4.5	2 × 730	1 × 730	2190
HEA 2503 26 4D	250	3	1~ 220	132	0.60	2400	5.5	2 × 1030	1 × 1030	3090
HEA 2504 35 4D	250	4	1~ 220	176	0.80	3200	6.5	2 × 1310	1 × 1310	3930
HEA 2506 52 4D	250	6	1~ 220	264	1.20	4800	8.5	2 × 1890	1 × 1890	5670
HEA 3001 12 4D	300	1	1~ 220	62	0.28	1350	4	3 × 440	1 × 440	1760
HEA 3002 23 4D	300	2	1~ 220	124	0.56	2700	5	3 × 730	1 × 730	2920
HEA 3003 35 4D	300	3	1~ 220	186	0.84	4050	6	3 × 1030	1 × 1030	4120
HEA 3004 46 4D	300	4	1~ 220	248	1.12	5400	7	3 × 1310	1 × 1310	5240
HEA 3006 69 4D	300	6	1~ 220	372	1.68	8100	9	3 × 1890	1 × 1890	7560
HEA 3501 14 4D	350	1	1~ 220	130	0.58	2025	10	4 × 440	2 × 440	2640
HEA 3502 28 4D	350	2	1~ 220	260	1.16	4050	13	4 × 730	2 × 730	4380
HEA 3503 42 4D	350	3	1~ 220	390	1.74	6075	16	4 × 1030	2 × 1030	6180
HEA 3504 55 4D	350	4	1~ 220	520	2.32	8100	19	4 × 1310	2 × 1310	7860
HEA 4001 20 4D	400	1	1~ 220	160	0.73	3250	5.5	4 × 550	1 × 550	2750
HEA 4002 40 4D	400	2	1~ 220	320	1.46	6500	6.5	4 × 1030	1 × 1030	5150
HEA 4003 54 4D	400	3	1~ 220	480	2.19	9750	7.5	4 × 1310	1 × 1310	6550
HEA 4004 81 4D	400	4	1~ 220	640	2.92	13000	9.5	4 × 1890	1 × 1890	9450
HEA 4501 31 4D	450	1	1~ 220	400	2.00	4500	8	4 × 730	1 × 730	3650
HEA 4502 61 4D	450	2	3~ 380	920	1.90	11200	9	4 × 1310	1 × 1310	6550
HEA 4503 92 4D	450	3	3~ 380	1380	2.85	16800	10	4 × 1890	1 × 1890	9450
HEA 5001 39 4D	500	1	3~ 380	650	1.15	6950	52	6×730	1×730	5110
HEA 5001 58 4D	500	1	3~ 380	650	1.15	6700	50	7×730	2×730	6570
HEA 5002 81 4D	500	2	3~ 380	1300	2.3	13900	53	6×1400	1×1400	9800
HEA 5002 121 4D	500	2	3~ 380	1300	2.3	13400	51	7×1400	2×1400	12600
HEA 5003 122 4D	500	3	3~ 380	1950	3.45	20850	54	6×2050	1×2050	14350
HEA 5003 183 4D	500	3	3~ 380	1950	3.45	20100	52	7×2050	2×2050	18450

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA



HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

Fin spacing, Espacio entre aletas 6 mm, with heater/ Con resistencia, $Rt \geq -18^{\circ}\text{C}$

Model / Modelo	Nominal Capacity / Capacidad Nominal (kw)		Capacity / Capacidad (kw)		Superficie/ Surface (m ²)	Tube Volume/ Volumen Interno (dm ³)	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	$t_e = -8^{\circ}\text{C}$	$t_e = -25^{\circ}\text{C}$	$t_e = -8^{\circ}\text{C}$	$t_e = -25^{\circ}\text{C}$				Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HEA 2501 06 6D	1.31	0.85	1.14	0.81	6	1.8	13	12	16
HEA 2502 11 6D	2.70	1.87	2.35	1.78	11	3.2	23	12	19
HEA 2503 17 6D	4.14	3.03	3.60	2.89	17	4.7	33	12	22
HEA 2504 23 6D	5.38	3.85	4.68	3.67	23	6.1	43	12	22
HEA 2506 35 6D	8.25	6.08	7.17	5.79	35	8.7	66	15	28
HEA 3001 08 6D	2.17	1.66	1.89	1.58	8	2.4	18	12	19
HEA 3002 15 6D	4.32	3.26	3.76	3.10	15	4.3	30	12	22
HEA 3003 23 6D	6.43	4.78	5.59	4.55	23	6.2	43	12	22
HEA 3004 31 6D	8.51	6.23	7.40	5.93	31	8.2	56	15	28
HEA 3006 46 6D	12.51	8.73	10.88	8.31	46	11.6	83	15	28
HEA 3501 10 6D	2.88	2.10	2.50	2.00	10	4	25	12	19
HEA 3502 19 6D	6.47	4.56	5.63	4.34	19	6	38	12	22
HEA 3503 29 6D	9.65	6.46	8.39	6.15	29	9	51	12	22
HEA 3504 38 6D	12.66	8.09	11.01	7.70	38	11	64	12	22
HEA 4001 13 6D	4.61	3.45	4.01	3.29	13	3.5	28	12	19
HEA 4002 27 6D	9.11	6.67	7.92	6.35	27	7.2	53	12	22
HEA 4003 36 6D	12.95	9.28	11.26	8.84	36	9.6	68	15	28
HEA 4004 54 6D	17.42	12.18	15.15	11.60	54	14.4	103	15	35
HEA 4501 20 6D	6.22	4.64	5.41	4.42	20	5.5	38	12	22
HEA 4502 41 6D	14.10	10.15	12.26	9.67	41	10.5	75	15	28
HEA 4503 61 6D	20.39	14.15	17.73	13.48	61	15.5	115	15	35
HEA 5001 26 6D	9.38	6.92	8.16	6.59	26	7.1	65	15	28
HEA 5001 39 6D	11.67	8.63	10.15	8.22	39	10.6	77	15	28
HEA 5002 54 6D	18.42	13.51	16.02	12.87	54	14	117	22	35
HEA 5002 81 6D	23.89	17.07	20.77	16.26	81	21	141	22	35
HEA 5003 82 6D	28.36	20.76	24.66	19.77	82	21.1	169	28	42
HEA 5003 122 6D	35.44	25.60	30.82	24.38	122	31.5	206	28	42

*Marks: Optional model without heater available / Nota: Modelo opcional sin el calentador disponible.

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HEA SERIES EVAPORATOR

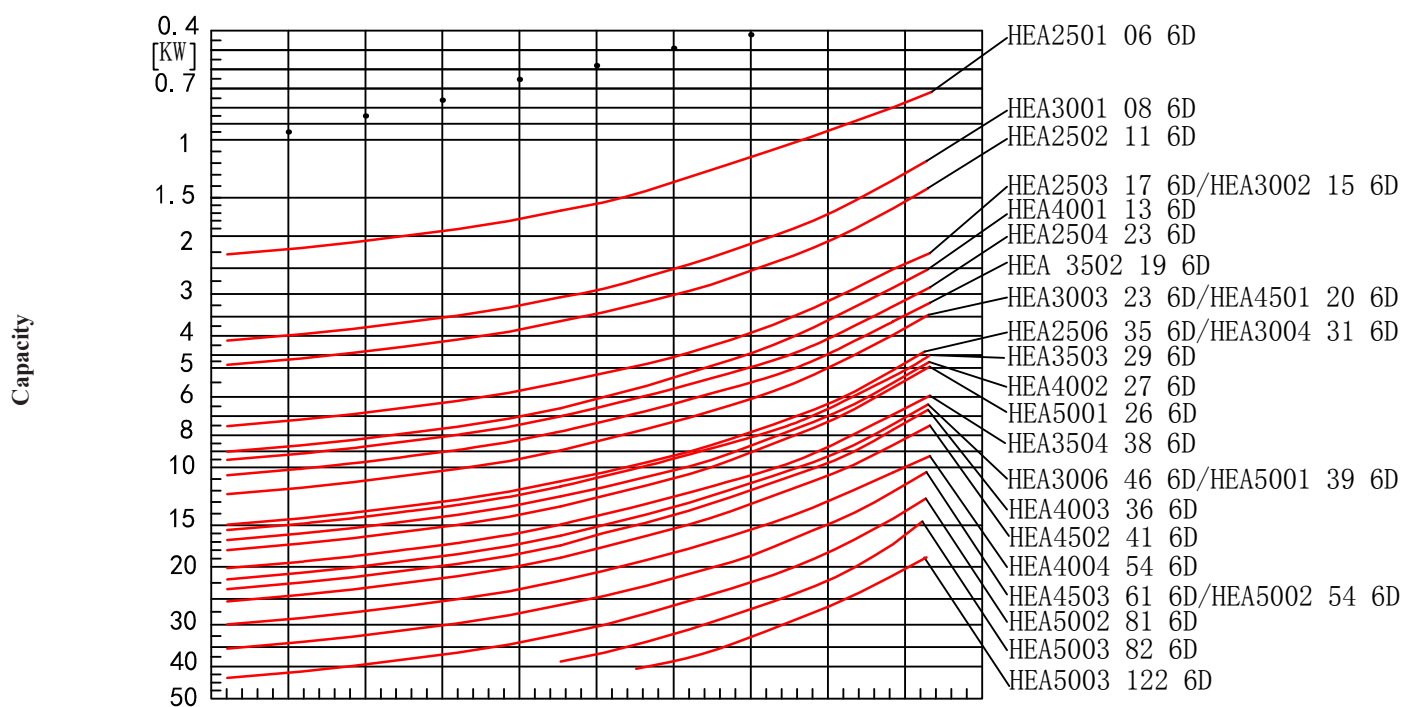
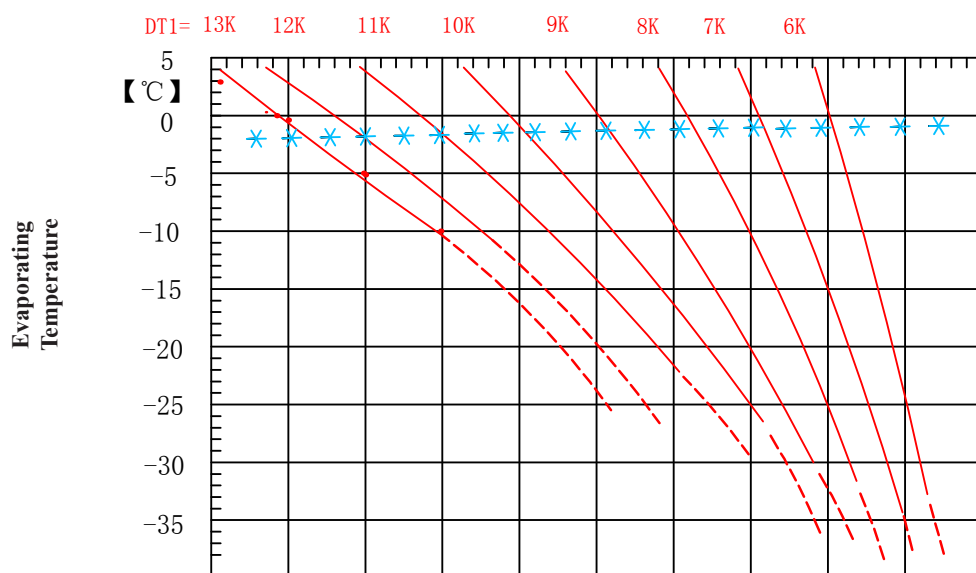
EVAPORADORES SERIE HEA

Electric data/ Datos eléctricos

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diameter Diámetro (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensidad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Aletas (W)	Drain Pan/ Desagüe (W)	Total (W)
HEA 2501 06 6D	250	1	1~ 220	44	0.20	830	3.5	2 × 440	1 × 440	1320
HEA 2502 11 6D	250	2	1~ 220	88	0.40	1660	4.5	2 × 730	1 × 730	2190
HEA 2503 17 6D	250	3	1~ 220	132	0.60	2490	5.5	2 × 1030	1 × 1030	3090
HEA 2504 23 6D	250	4	1~ 220	176	0.80	3320	6.5	2 × 1310	1 × 1310	3930
HEA 2506 35 6D	250	6	1~ 220	264	1.20	4980	8.5	2 × 1890	1 × 1890	5670
HEA 3001 08 6D	300	1	1~ 220	62	0.28	1390	4	3 × 440	1 × 440	1760
HEA 3002 15 6D	300	2	1~ 220	124	0.56	2780	5	3 × 730	1 × 730	2920
HEA 3003 23 6D	300	3	1~ 220	186	0.84	4170	6	3 × 1030	1 × 1030	4120
HEA 3004 31 6D	300	4	1~ 220	248	1.12	5560	7	3 × 1310	1 × 1310	5240
HEA 3006 46 6D	300	6	1~ 220	372	1.68	8340	9	3 × 1890	1 × 1890	7560
HEA 3501 10 6D	350	1	1~ 220	130	0.58	2050	10	4 × 440	2 × 440	2640
HEA 3502 19 6D	350	2	1~ 220	260	1.16	4100	14	4 × 730	2 × 730	4380
HEA 3503 29 6D	350	3	1~ 220	390	1.74	6150	16	4 × 1030	2 × 1030	6180
HEA 3504 38 6D	350	4	1~ 220	520	2.32	8200	20	4 × 1310	2 × 1310	7860
HEA 4001 13 6D	400	1	1~ 220	160	0.73	3350	5.5	4 × 550	1 × 550	2750
HEA 4002 27 6D	400	2	1~ 220	320	1.46	6700	6.5	4 × 1030	1 × 1030	5150
HEA 4003 36 6D	400	3	1~ 220	480	2.19	10050	7.5	4 × 1310	1 × 1310	6550
HEA 4004 54 6D	400	4	1~ 220	640	2.92	13400	9.5	4 × 1890	1 × 1890	9450
HEA 4501 20 6D	450	1	1~ 220	400	2.00	4600	8	4 × 730	1 × 730	3650
HEA 4502 41 6D	450	2	3~ 380	920	1.90	11500	9	4 × 1310	1 × 1310	6550
HEA 4503 61 6D	450	3	3~ 380	1380	2.85	17250	10	4 × 1890	1 × 1890	9450
HEA 5001 26 6D	500	1	3~ 380	650	1.15	7100	52	6×730	1×730	5110
HEA 5001 39 6D	500	1	3~ 380	650	1.15	6750	50	7×730	2×730	6570
HEA 5002 54 6D	500	2	3~ 380	1300	2.3	14200	53	6×1400	1×1400	9800
HEA 5002 81 6D	500	2	3~ 380	1300	2.3	13500	51	7×1400	2×1400	12600
HEA 5003 82 6D	500	3	3~ 380	1950	3.45	21300	54	6×2050	1×2050	14350
HEA 5003 122 6D	500	3	3~ 380	1950	3.45	20250	52	7×2050	2×2050	18450

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA



HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

Fin spacing, Espacio entre aletas 9 mm, with heater/ Con resistencia, Rt_z≥-25°C

Model / Modelo	Nominal Capacity / Capacidad Nominal (kw)		Capacity / Capacidad (kw)		Superficie/ Surface (m ²)	Tube Volume/ Volumen Interno (dm ³)	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HEA 2501 04 9D	1.13	0.72	0.98	0.69	4	1.8	12	12	16
HEA 2502 08 9D	2.38	1.74	2.07	1.66	8	3.2	21	12	19
HEA 2503 12 9D	3.59	2.64	3.12	2.51	12	4.7	30	12	22
HEA 2504 16 9D	4.69	3.37	4.08	3.21	16	6.1	39	12	22
HEA 2506 24 9D	7.12	5.29	6.19	5.04	24	8.7	62	15	28
HEA 3001 06 9D	1.83	1.45	1.59	1.38	6	2.4	17	12	19
HEA 3002 10 9D	3.65	2.81	3.17	2.68	10	4.3	28	12	22
HEA 3003 16 9D	5.51	4.12	4.79	3.92	16	6.2	40	12	22
HEA 3004 21 9D	7.27	5.39	6.32	5.13	21	8.2	52	15	28
HEA 3006 31 9D	8.51	6.23	7.40	5.93	31	11.6	81	15	28
HEA 3501 7 9D	2.45	1.80	2.13	1.71	7	4	24	12	19
HEA 3502 13 9D	5.55	3.97	4.83	3.78	13	6	36	12	22
HEA 3503 20 9D	8.34	5.72	7.25	5.45	20	9	48	12	22
HEA 3504 26 9D	10.88	7.25	9.46	6.90	26	11	60	12	22
HEA 4001 09 9D	3.94	2.97	3.43	2.83	9	3.5	26	12	19
HEA 4002 18 9D	7.77	5.74	6.76	5.47	18	7.2	49	12	22
HEA 4003 24 9D	11.06	7.92	9.62	7.54	24	9.6	63	15	28
HEA 4004 36 9D	15.08	10.68	13.11	10.17	36	14.4	97	15	35
HEA 4501 14 9D	5.51	4.19	4.79	3.99	14	5.5	35	12	22
HEA 4502 28 9D	12.56	9.14	10.92	8.70	28	10.5	68	15	28
HEA 4503 41 9D	18.23	12.80	15.85	12.19	41	15.5	108	15	35
HEA 5001 17 9D	7.96	5.92	6.92	5.64	17	7.1	61	15	28
HEA 5001 26 9D	10.27	7.60	8.93	7.24	26	10.6	71	15	28
HEA 5002 36 9D	15.93	11.54	13.85	10.99	36	14	109	22	35
HEA 5002 54 9D	20.39	14.95	17.73	14.24	54	21	129	22	35
HEA 5003 54 9D	24.01	17.35	20.88	16.52	54	21.1	157	28	42
HEA 5003 82 9D	30.69	22.44	26.69	21.37	82	31.5	187	28	42

*Marks: Optional model without heater available / Nota: Modelo opcional sin el calentador disponible.

*Evaporator for Glycol available / Evaporador con glicol disponible.

*Golden fins with highly anti-corrosion strength available / Aleta goldfin con alta resistencia a la corrosión disponible.

*Double trays available / Bandeja doble disponible.

*Fan shroud heater for versions with long nozzle are available / Resistencia de gel de sílice para motor de ventilador con boquilla larga disponible.

HEA SERIES EVAPORATOR

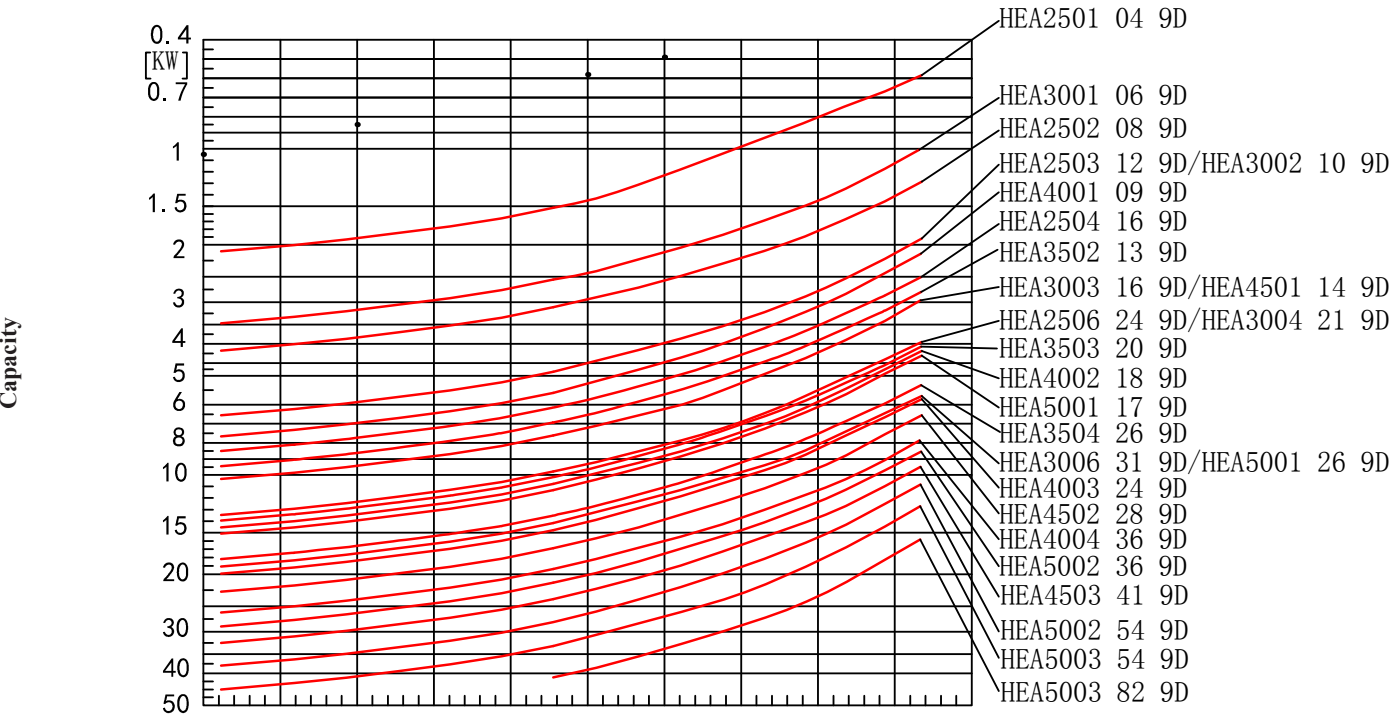
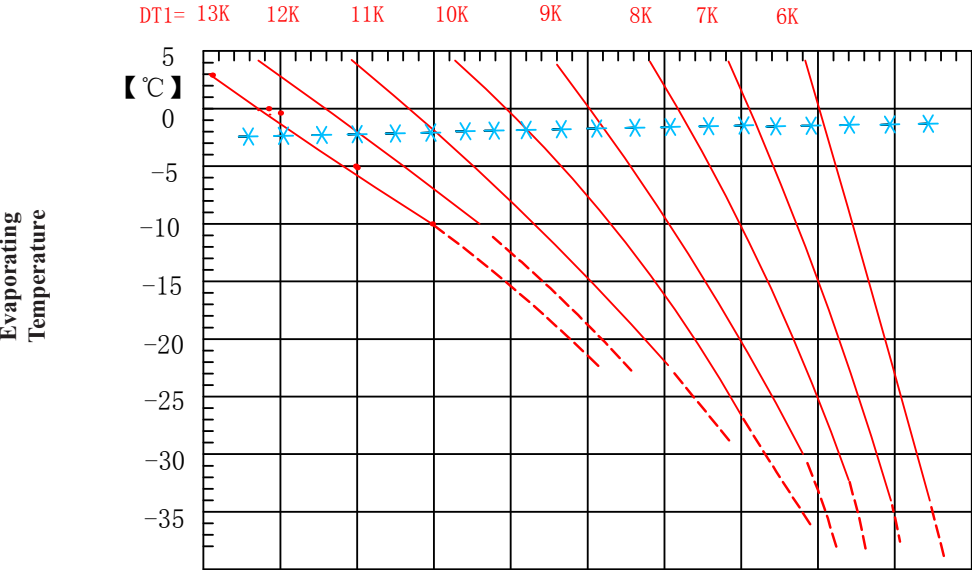
EVAPORADORES SERIE HEA

Electric data/ Datos eléctricos

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diameter Diámetro (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensidad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Aletas (W)	Drain Pan/ Desagüe (W)	Total (W)
HEA 2501 04 9D	250	1	1~ 220	44	0.20	850	3.5	2 × 440	1 × 440	1320
HEA 2502 08 9D	250	2	1~ 220	88	0.40	1700	4.5	2 × 730	1 × 730	2190
HEA 2503 12 9D	250	3	1~ 220	132	0.60	2550	5.5	2 × 1030	1 × 1030	3090
HEA 2504 16 9D	250	4	1~ 220	176	0.80	3400	6.5	2 × 1310	1 × 1310	3930
HEA 2506 24 9D	250	6	1~ 220	264	1.20	5100	8.5	2 × 1890	1 × 1890	5670
HEA 3001 06 9D	300	1	1~ 220	62	0.28	1410	4	3 × 440	1 × 440	1760
HEA 3002 10 9D	300	2	1~ 220	124	0.56	2820	5	3 × 730	1 × 730	2920
HEA 3003 16 9D	300	3	1~ 220	186	0.84	4230	6	3 × 1030	1 × 1030	4120
HEA 3004 21 9D	300	4	1~ 220	248	1.12	5640	7	3 × 1310	1 × 1310	5240
HEA 3006 31 9D	300	6	1~ 220	372	1.68	8460	9	3 × 1890	1 × 1890	7560
HEA 3501 7 9D	350	1	1~ 220	130	0.58	2075	11	4 × 440	2 × 440	2640
HEA 3502 13 9D	350	2	1~ 220	260	1.16	4150	14	4 × 730	2 × 730	4380
HEA 3503 20 9D	350	3	1~ 220	390	1.74	6225	17	4 × 1030	2 × 1030	6180
HEA 3504 26 9D	350	4	1~ 220	520	2.32	8300	20	4 × 1310	2 × 1310	7860
HEA 4001 09 9D	400	1	1~ 220	160	0.73	3400	5.5	4 × 550	1 × 550	2750
HEA 4002 18 9D	400	2	1~ 220	320	1.46	6800	6.5	4 × 1030	1 × 1030	5150
HEA 4003 24 9D	400	3	1~ 220	480	2.19	10200	7.5	4 × 1310	1 × 1310	6550
HEA 4004 36 9D	400	4	1~ 220	640	2.92	13600	9.5	4 × 1890	1 × 1890	9450
HEA 4501 14 9D	450	1	1~ 220	400	2.00	4650	8	4 × 730	1 × 730	3650
HEA 4502 28 9D	450	2	3~ 380	920	1.90	11560	9	4 × 1310	1 × 1310	6550
HEA 4503 41 9D	450	3	3~ 380	1380	2.85	17340	10	4 × 1890	1 × 1890	9450
HEA 5001 17 9D	500	1	3~ 380	650	1.15	7150	52	6×730	1×730	5110
HEA 5001 26 9D	500	1	3~ 380	650	1.15	6700	50	7×730	2×730	6570
HEA 5002 36 9D	500	2	3~ 380	1300	2.30	14300	53	6×1400	1×1400	9800
HEA 5002 54 9D	500	2	3~ 380	1300	2.30	13400	51	7×1400	2×1400	12600
HEA 5003 54 9D	500	3	3~ 380	1950	3.45	21450	54	6×2050	1×2050	14350
HEA 5003 82 9D	500	3	3~ 380	1950	3.45	20100	52	7×2050	2×2050	18450

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

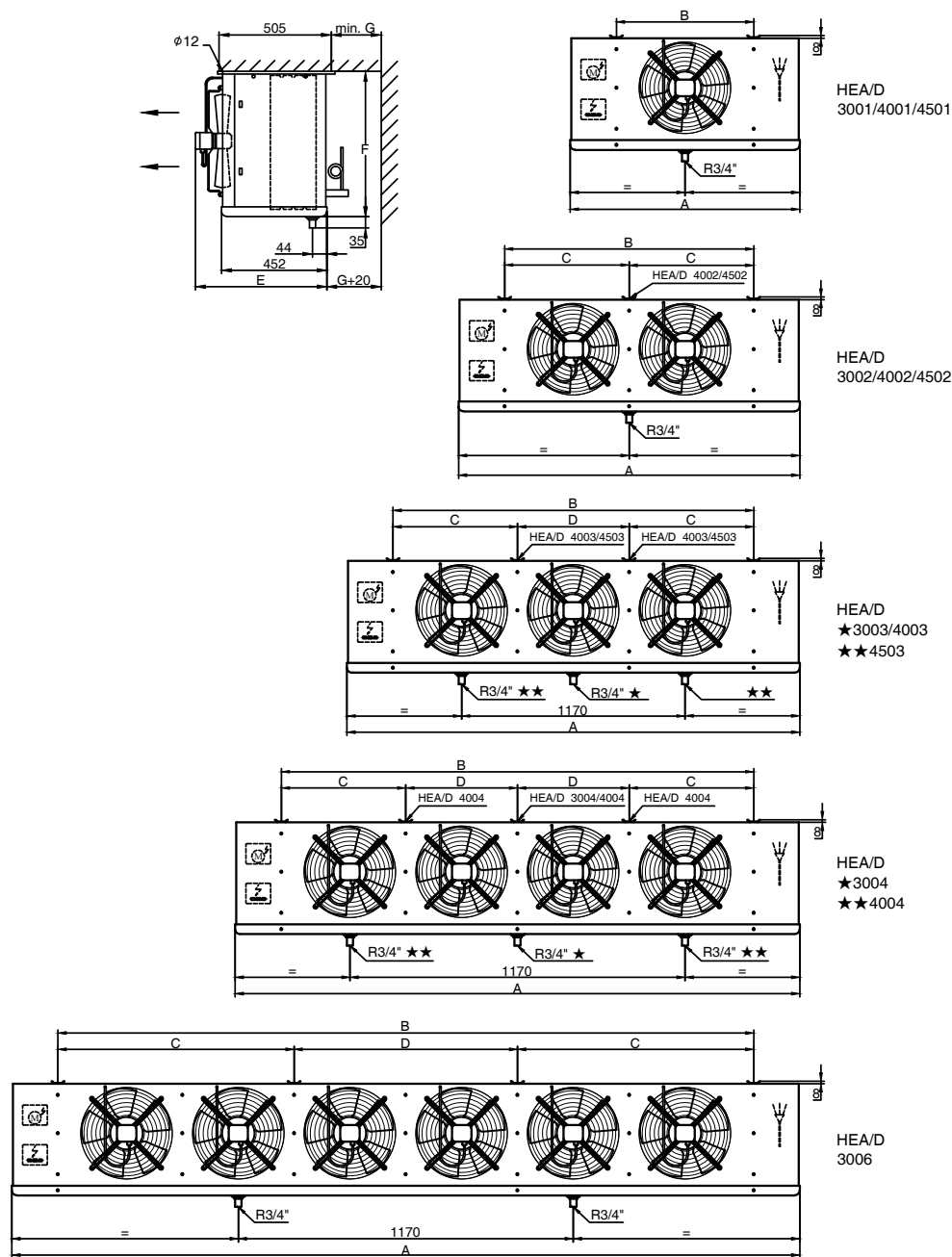


HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

COIL WITH 6 ROWS

BOBINA CON 6 FILAS



Model / Modelo	Dimensions/Dimensiones(mm)						
	A	B	C	D	E	F	G
HEA 3001...	702	420			545	460	200
HEA 3002...	1094	812			545	460	200
HEA 3003...	1486	1204			545	460	250
HEA 3004...	1878	1596			545	460	250
HEA 3006...	2662	2380	798	784	545	460	300
HEA 4001...	912	630			585	530	250
HEA 4002...	1486	1204	602		585	530	300
HEA 4003...	1878	1596	546	504	585	530	300
HEA 4004...	2662	2380	595	595	585	530	350
HEA 4501...	1094	812			590	600	300
HEA 4502...	1878	1596	798		590	600	300
HEA 4503...	2662	2380	798	784	590	600	350

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

COIL WITH 6 ROWS

BOBINA CON 6 FILAS

Fin spacing, Espacio entre aletas 4 mm, with heater/ Con resistencia, Rt≥0°C

Model / Modelo	Nominal Capacity / Capacidad Nominal (kw)		Capacity / Capacidad (kw)		Superficie/ Surface (m ²)	Tube Volume/ Volumen Interno (dm ³)	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	t _e = -8°C	t _e = -25°C	t _e = -8°C	t _e = -25°C				Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HEA 3001 17 4D	2.81	2.13	2.44	2.03	17	3.2	19	12	19
HEA 3002 33 4D	5.61	4.03	4.88	3.84	33	6.1	32	12	22
HEA 3003 50 4D	8.26	5.61	7.18	5.34	50	9.0	46	12	22
HEA 3004 67 4D	11.24	7.57	9.77	7.21	67	12.0	60	15	28
HEA 3006 100 4D	16.65	11.53	14.48	10.98	100	17.8	85	15	28
HEA 4001 30 4D	6.27	4.48	5.45	4.27	30	5.5	30	12	19
HEA 4002 59 4D	12.01	7.64	10.44	7.28	59	10.5	57	12	22
HEA 4003 78 4D	17.87	12.35	15.54	11.76	78	14.0	73	15	28
HEA 4004 117 4D	24.41	15.71	21.23	14.96	117	20.8	109	15	35
HEA 4501 45 4D	8.76	6.07	7.62	5.78	45	8.1	41	12	22
HEA 4502 89 4D	20.29	13.39	17.64	12.75	89	16.0	82	15	28
HEA 4503 134 4D	30.42	18.78	26.45	17.89	134	23.8	122	15	35

*Marks: Optional model without heater available / Nota: Modelo opcional sin el calentador disponible.

*Evaporator for Glycol available / Evaporador con glicol disponible.

*Golden fins with highly anti-corrosion strength available / Aleta goldfin con alta resistencia a la corrosión disponible.

*Double trays available / Bandeja doble disponible.

*Fan shroud heater for versions with long nozzle are available / Resistencia de gel de sílice para motor de ventilador con boquilla larga disponible.

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

COIL WITH 6 ROWS

BOBINA CON 6 FILAS

Electric data/ Datos eléctricos

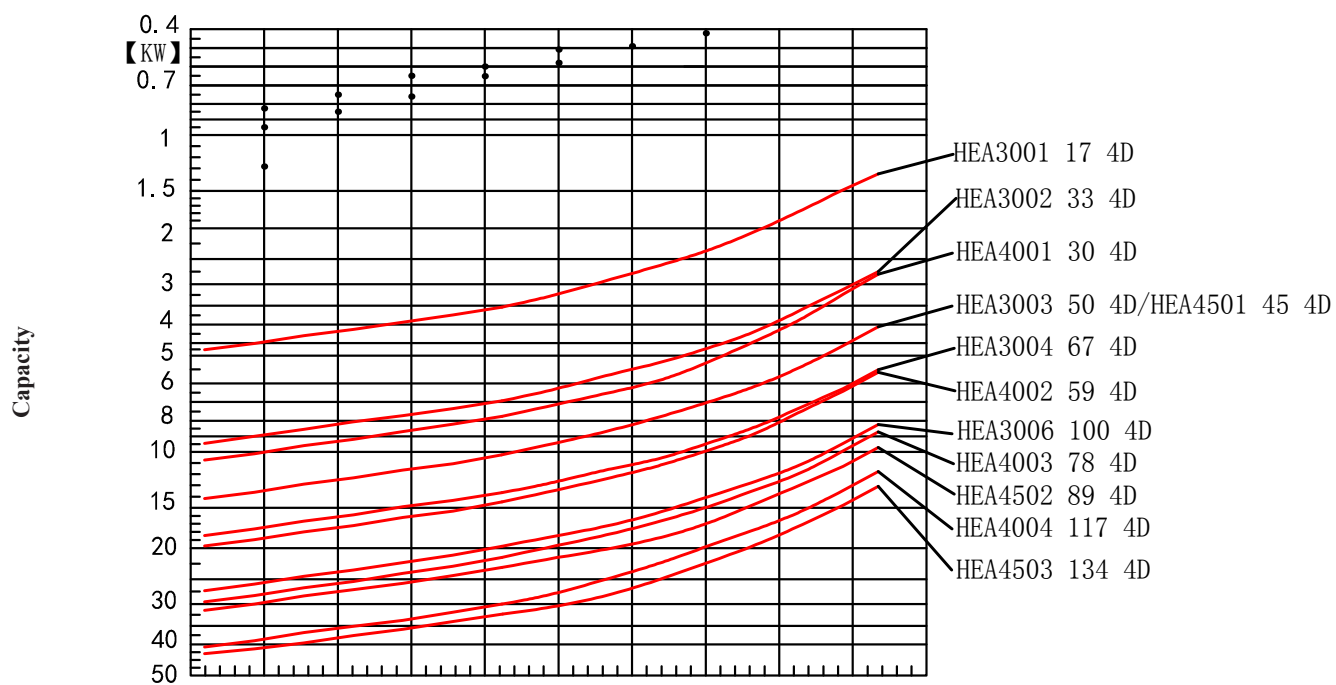
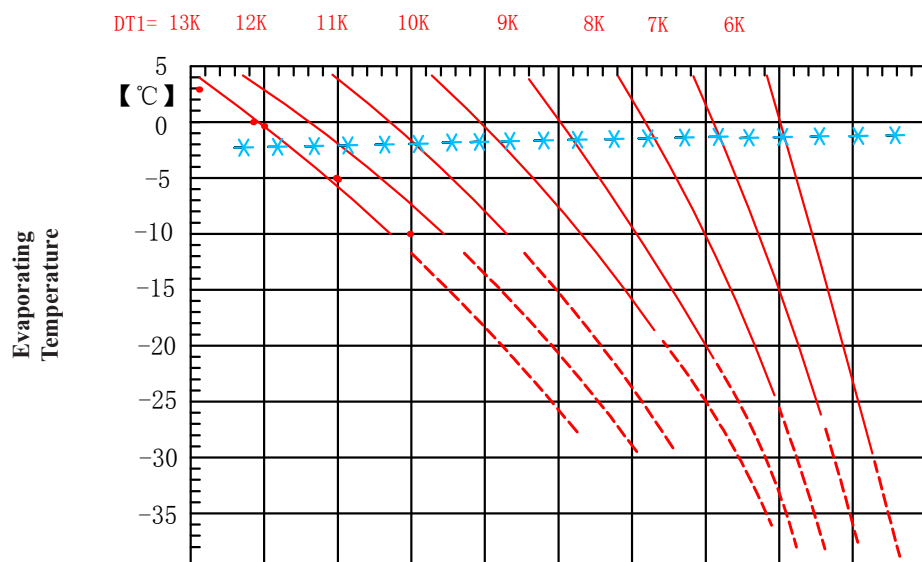
Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diameter Diámetro (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensidad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Aletas (W)	Drain Pan/ Desagüe (W)	Total (W)
HEA 3001 17 4D	300	1	1~ 220	62	0.28	1230	4	3 × 440	1 × 440	1760
HEA 3002 33 4D	300	2	1~ 220	124	0.56	2460	5	3 × 730	1 × 730	2920
HEA 3003 50 4D	300	3	1~ 220	186	0.84	3690	6	3 × 1030	1 × 1030	4120
HEA 3004 67 4D	300	4	1~ 220	248	1.12	4920	7	3 × 1310	1 × 1310	5240
HEA 3006 100 4D	300	6	1~ 220	372	1.68	7380	9	3 × 1890	1 × 1890	7560
HEA 4001 30 4D	400	1	1~ 220	160	0.73	3000	5.5	4 × 550	1 × 550	2750
HEA 4002 59 4D	400	2	1~ 220	320	1.46	6000	6.5	4 × 1030	1 × 1030	5150
HEA 4003 78 4D	400	3	1~ 220	480	2.19	9000	7.5	4 × 1310	1 × 1310	6550
HEA 4004 117 4D	400	4	1~ 220	640	2.92	12000	9.5	4 × 1890	1 × 1890	9450
HEA 4501 45 4D	450	1	1~ 220	400	2.00	4150	8	4 × 730	1 × 730	3650
HEA 4502 89 4D	450	2	3~ 380	920	1.90	10600	9	4 × 1310	1 × 1310	6550
HEA 4503 134 4D	450	3	3~ 380	1380	2.85	15900	10	4 × 1890	1 × 1890	9450

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

COIL WITH 6 ROWS

BOBINA CON 6 FILAS



HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

COIL WITH 6 ROWS

BOBINA CON 6 FILAS

Fin spacing, Espacio entre aletas 6 mm, with heater/ Con resistencia, $Rt \geq 0^\circ\text{C}$

Model / Modelo	Nominal Capacity / Capacidad Nominal (kw)		Capacity / Capacidad (kw)		Superficie/ Surface (m ²)	Tube Volume/ Volumen Interno (dm ³)	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	$t_e = -8^\circ\text{C}$	$t_e = -25^\circ\text{C}$	$t_e = -8^\circ\text{C}$	$t_e = -25^\circ\text{C}$				Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HEA 3001 11 6D	2.45	1.87	2.13	1.78	11	3.2	18	12	19
HEA 3002 23 6D	4.95	3.58	4.30	3.41	23	6.1	30	12	22
HEA 3003 35 6D	7.29	5.04	6.34	4.80	35	9.0	43	12	22
HEA 3004 46 6D	9.72	6.86	8.45	6.53	46	12.0	56	15	28
HEA 3006 69 6D	14.64	10.32	12.73	9.83	69	17.8	83	15	28
HEA 4001 21 6D	5.39	3.93	4.69	3.74	21	5.5	28	12	19
HEA 4002 40 6D	10.43	6.81	9.07	6.49	40	10.5	53	12	22
HEA 4003 54 6D	15.32	10.86	13.32	10.34	54	14.0	68	15	28
HEA 4004 81 6D	20.76	14.02	18.05	13.35	81	20.8	103	15	35
HEA 4501 31 6D	7.54	5.38	6.56	5.12	31	8.1	38	12	22
HEA 4502 61 6D	17.43	11.83	15.16	11.27	61	16.0	75	15	28
HEA 4503 92 6D	26.19	16.77	22.77	15.97	92	23.8	115	15	35

*Marks: Optional model without heater available / Nota: Modelo opcional sin el calentador disponible.

*Evaporator for Glycol available / Evaporador con glicol disponible.

*Golden fins with highly anti-corrosion strength available / Aleta goldfin con alta resistencia a la corrosión disponible.

*Double trays available / Bandeja doble disponible.

*Fan shroud heater for versions with long nozzle are available / Resistencia de gel de sílice para motor de ventilador con boquilla larga disponible.

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

COIL WITH 6 ROWS

BOBINA CON 6 FILAS

Electric data/ Datos eléctricos

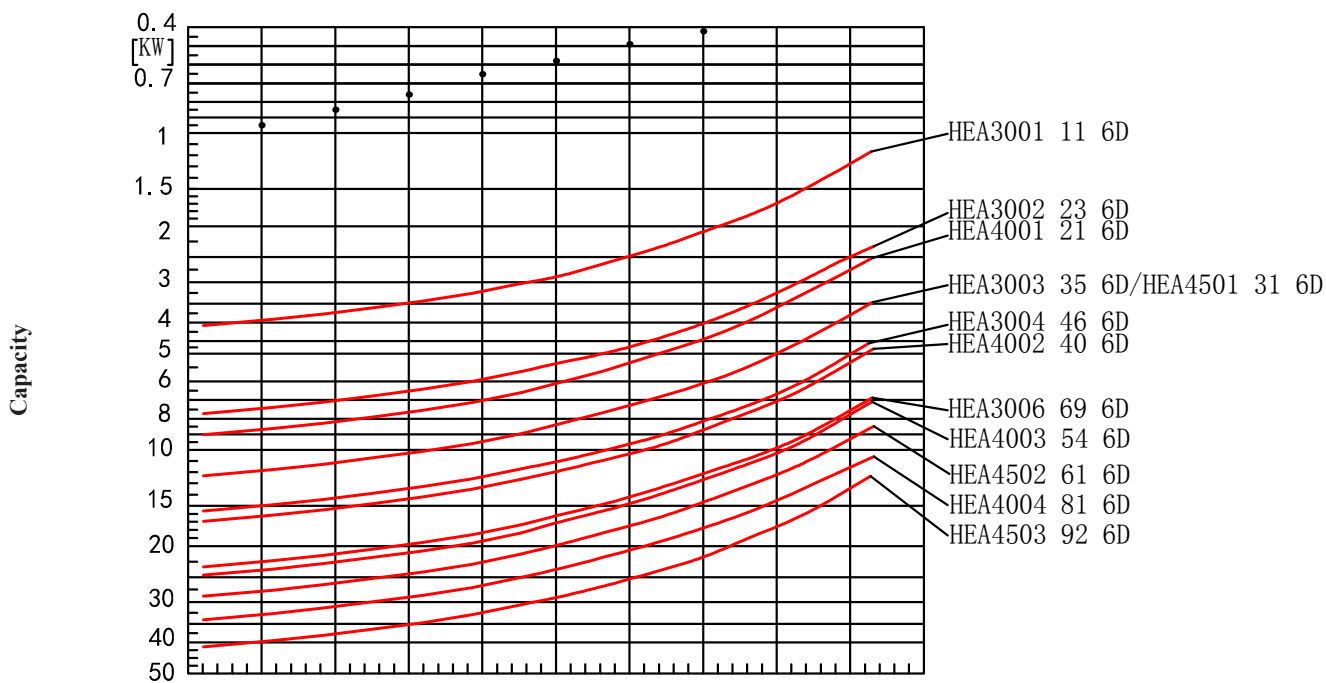
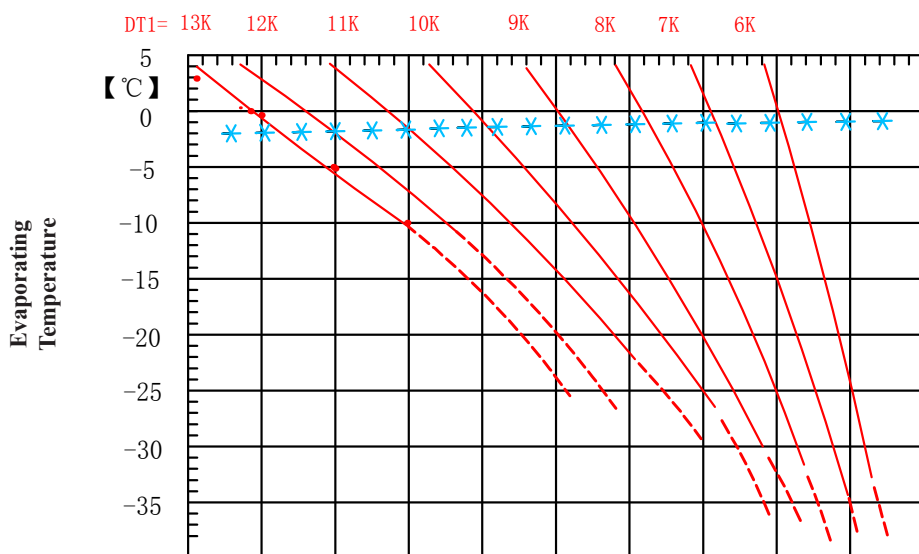
Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diameter Diámetro (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensidad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Aletas (W)	Drain Pan/ Desagüe (W)	Total (W)
HEA 3001 11 6D	300	1	1~ 220	62	0.28	1260	4	3 × 440	1 × 440	1760
HEA 3002 23 6D	300	2	1~ 220	124	0.56	2520	5	3 × 730	1 × 730	2920
HEA 3003 35 6D	300	3	1~ 220	186	0.84	3780	6	3 × 1030	1 × 1030	4120
HEA 3004 46 6D	300	4	1~ 220	248	1.12	5040	7	3 × 1310	1 × 1310	5240
HEA 3006 69 6D	300	6	1~ 220	372	1.68	7560	9	3 × 1890	1 × 1890	7560
HEA 4001 21 6D	400	1	1~ 220	160	0.73	3030	5.5	4 × 550	1 × 550	2750
HEA 4002 40 6D	400	2	1~ 220	320	1.46	6060	6.5	4 × 1030	1 × 1030	5150
HEA 4003 54 6D	400	3	1~ 220	480	2.19	9090	7.5	4 × 1310	1 × 1310	6550
HEA 4004 81 6D	400	4	1~ 220	640	2.92	12120	9.5	4 × 1890	1 × 1890	9450
HEA 4501 31 6D	450	1	1~ 220	400	2.00	4160	8	4 × 730	1 × 730	3650
HEA 4502 61 6D	450	2	3~ 380	920	1.90	10620	9	4 × 1310	1 × 1310	6550
HEA 4503 92 6D	450	3	3~ 380	1380	2.85	15930	10	4 × 1890	1 × 1890	9450

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

COIL WITH 6 ROWS

BOBINA CON 6 FILAS



HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

COIL WITH 6 ROWS

BOBINA CON 6 FILAS

Fin spacing, Espacio entre aletas 9 mm, with heater/ Con resistencia, $R_t \geq 0^\circ\text{C}$

Model / Modelo	Nominal Capacity / Capacidad Nominal (kw)		Capacity / Capacidad (kw)		Superficie/ Surface (m ²)	Tube Volume/ Volumen Interno (dm ³)	N.W/ Peso Neto (kg)	Connection/ Conexión (ø mm)	
	$t_e = -8^\circ\text{C}$	$t_e = -25^\circ\text{C}$	$t_e = -8^\circ\text{C}$	$t_e = -25^\circ\text{C}$				Inlet/ Entrada	Outlet/ Salida
	DT1=8K	DT1=7K	DT1=8K	DT1=7K					
HEA 3001 8 9D	2.10	1.61	1.83	1.53	8	3.2	17	12	19
HEA 3002 16 9D	4.22	3.13	3.67	2.98	16	6.1	28	12	22
HEA 3003 24 9D	6.27	4.47	5.45	4.26	24	9.0	40	12	22
HEA 3004 32 9D	8.36	6.01	7.27	5.72	32	12.0	52	15	28
HEA 3006 48 9D	9.46	6.87	8.23	6.54	48	17.8	81	15	28
HEA 4001 14 9D	4.58	3.38	3.98	3.22	14	5.5	26	12	19
HEA 4002 28 9D	8.84	6.10	7.69	5.81	28	10.5	49	12	22
HEA 4003 37 9D	12.95	9.38	11.26	8.93	37	14.0	63	15	28
HEA 4004 56 9D	17.79	12.32	15.47	11.73	56	20.8	97	15	35
HEA 4501 21 9D	6.43	4.66	5.59	4.44	21	8.1	35	12	22
HEA 4502 43 9D	14.81	10.32	12.88	9.83	43	16.0	68	15	28
HEA 4503 64 9D	21.83	14.87	18.98	14.16	64	23.8	108	15	35

*Marks: Optional model without heater available / Nota: Modelo opcional sin el calentador disponible.

*Evaporator for Glycol available / Evaporador con glicol disponible.

*Golden fins with highly anti-corrosion strength available / Aleta goldfin con alta resistencia a la corrosión disponible.

*Double trays available / Bandeja doble disponible.

*Fan shroud heater for versions with long nozzle are available / Resistencia de gel de sílice para motor de ventilador con boquilla larga disponible.

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

COIL WITH 6 ROWS

BOBINA CON 6 FILAS

Electric data/ Datos eléctricos

Model/ Model	Axial Fans/ Ventilador con motor axial							Electric Defrost/ Desescarche Eléctrico		
	Diameter Diámetro (Φ mm)	Nº	Voltage/ Voltaje (V, 50Hz)	Power/ Potencia (W)	Current/ Intensidad (A)	Air Flow/ Volumen de Aire (m³/h)	Air Throw/ Tiro de Aire (m)	Coil/ Aletas (W)	Drain Pan/ Desagüe (W)	Total (W)
HEA 3001 8 9D	300	1	1~ 220	62	0.28	1270	4	3 × 440	1 × 440	1760
HEA 3002 16 9D	300	2	1~ 220	124	0.56	2540	5	3 × 730	1 × 730	2920
HEA 3003 24 9D	300	3	1~ 220	186	0.84	3810	6	3 × 1030	1 × 1030	4120
HEA 3004 32 9D	300	4	1~ 220	248	1.12	5080	7	3 × 1310	1 × 1310	5240
HEA 3006 48 9D	300	6	1~ 220	372	1.68	7620	9	3 × 1890	1 × 1890	7560
HEA 4001 14 9D	400	1	1~ 220	160	0.73	3050	5.5	4 × 550	1 × 550	2750
HEA 4002 28 9D	400	2	1~ 220	320	1.46	6100	6.5	4 × 1030	1 × 1030	5150
HEA 4003 37 9D	400	3	1~ 220	480	2.19	9150	7.5	4 × 1310	1 × 1310	6550
HEA 4004 56 9D	400	4	1~ 220	640	2.92	12200	9.5	4 × 1890	1 × 1890	9450
HEA 4501 21 9D	450	1	1~ 220	400	2.00	4180	8	4 × 730	1 × 730	3650
HEA 4502 43 9D	450	2	3~ 380	920	1.90	10640	9	4 × 1310	1 × 1310	6550
HEA 4503 64 9D	450	3	3~ 380	1380	2.85	15960	10	4 × 1890	1 × 1890	9450

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

COIL WITH 6 ROWS
BOBINA CON 6 FILAS

