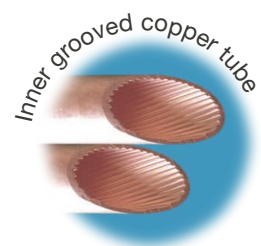


HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

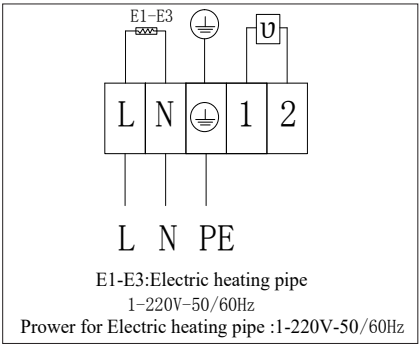


2025 EDITION

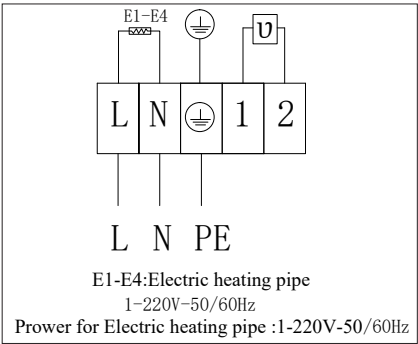
HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

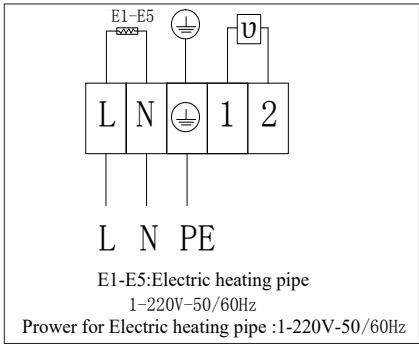
Defrost heating circuit diagram:/ Diagrama del circuito de calentamiento de descongelamiento:



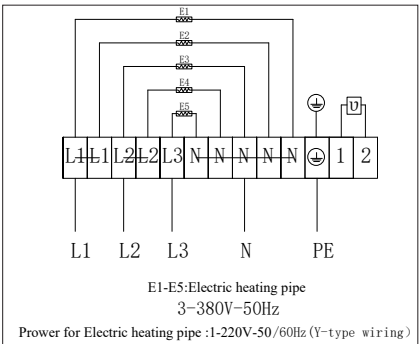
HEA 250 D



HEA 300/310 D

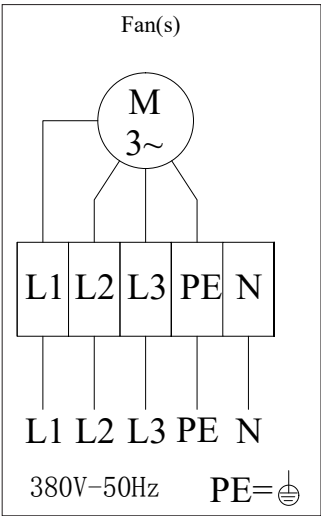
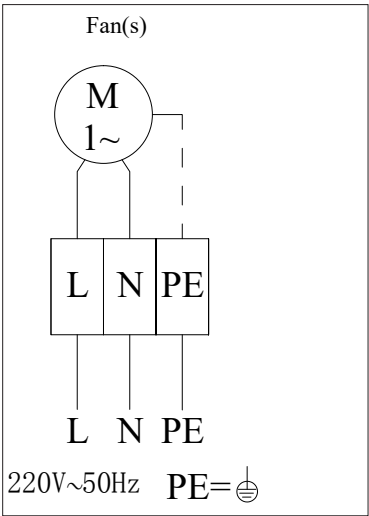


HEA 350/400 D



HEA 400/450 D

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

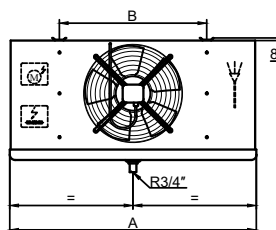
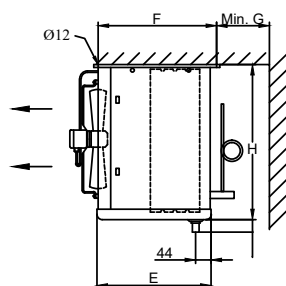
All nominal capacities are calculated with R404A. To get capacity with other refrigerants, multiply by the following correction factors R404A capacity in the same condition:

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:

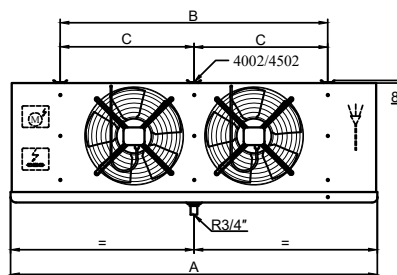
Refrigerant Refrigerante	Correction factors (dew-point) Factor de corrección (punto de rocío)			
	SC1	SC2	SC3	SC4
R407A	1.19	1.24	1.28	1.32
R407F	1.19	1.24	1.28	1.35
R507A	0.97	0.97	0.97	0.97
R134a	0.93	0.91	0.85	-
R450A	0.93	0.92	0.88	0.84
R513A	0.92	0.91	0.89	0.87
R448A	1.03	1.03	1.03	1.05
R449A	1.03	1.02	1.02	1.04
R452A	1.00	1.00	1.00	1.00

HEA SERIES EVAPORATOR

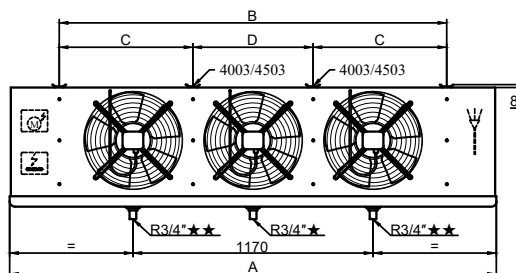
EVAPORADORES SERIE HEA



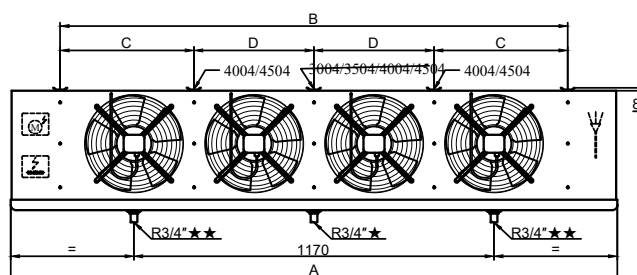
HEA
2501/3001/3101/
3501/4001/4501



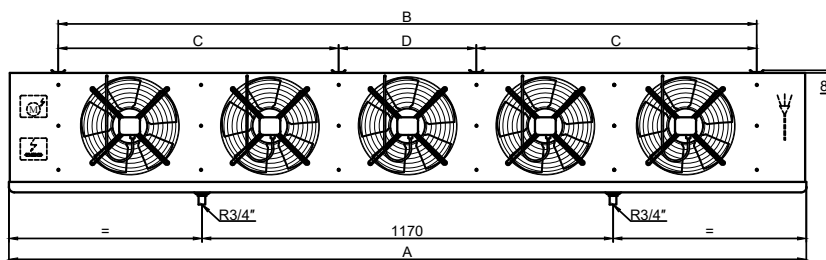
HEA
2502/3002/3102/
3502/4002(C)/4502



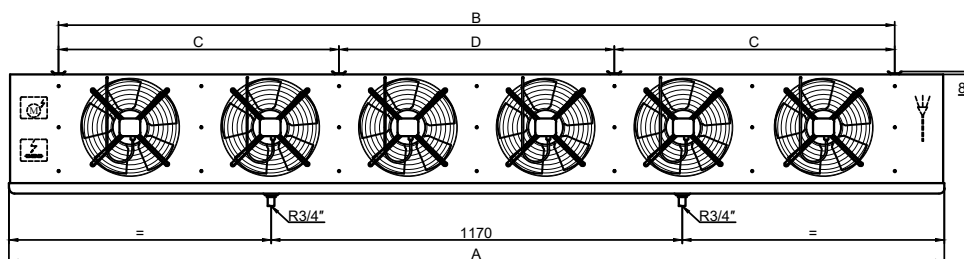
HEA
★2503/3003/3103/
3503(C)/4003
★★4503



HEA
★2504/3004/3104/3504
★★4004/4504



HEA
2505/3005/3105/3505



HEA
2506/3006/3106/3506

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

Model / Modelo	Dimensions/Dimensiones(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 3101...	702	420			325	375	200	460
HEA 3102...	1094	812			325	375	200	460
HEA 3103...	1486	1204			325	375	250	460
HEA 3104...	1878	1596	798		325	375	250	460
HEA 3105...	2270	1988	798	392	325	375	300	470
HEA 3106...	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 3503C...	1315	1033			455	507	250	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 4002C...	1315	1033	602		325	375	300	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
HEA 5001...	1165	850					400	760
HEA 5002...	2015	1700	850				400	760
HEA 5003...	2865	2550	850	850			450	760
HEA 5004...	3715	3400	850	850			450	760

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

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

Model / Modelo	Capacidad / Nominal Capacity (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 09 4D	2.06	1.24	1.79	1.18	8.3	1.4	12.1	12	16
HEA 2502 17 4D	4.27	2.63	3.71	2.50	16.7	2.8	20.9	12	19
HEA 2503 26 4D	6.50	4.02	5.65	3.83	25.1	4.2	29.5	12	22
HEA 2504 35 4D	9.11	6.16	7.92	5.87	33.5	5.6	38.3	12	22
HEA 2505 41 4D	11.29	7.34	9.82	6.99	41.8	7.0	47.1	15	28
HEA 2506 52 4D	13.17	8.22	11.45	7.83	50.2	8.5	55.8	15	28
HEA 3001 12 4D	2.79	1.90	2.43	1.81	11.1	1.9	14.7	12	19
HEA 3002 23 4D	5.67	3.89	4.93	3.70	22.3	3.8	25.5	12	22
HEA 3003 35 4D	8.54	5.87	7.43	5.59	33.5	5.6	36.1	12	22
HEA 3004 46 4D	11.25	7.30	9.78	6.95	44.6	7.5	46.8	15	28
HEA 3005 56 4D	14.20	9.36	12.35	8.91	55.8	9.4	57.6	15	28
HEA 3006 69 4D	16.63	10.53	14.46	10.03	67.0	11.3	68.3	15	28
HEA 3101 08 4D	2.51	1.77	2.18	1.69	8.3	1.4	15.9	12	19
HEA 3102 17 4D	5.13	3.45	4.46	3.29	16.7	2.8	26.8	12	22
HEA 3103 25 4D	7.62	5.44	6.63	5.18	25.1	4.2	37.7	12	28
HEA 3104 34 4D	10.35	7.01	9.00	6.68	33.5	5.6	48.6	12	28
HEA 3105 42 4D	12.87	9.02	11.19	8.59	41.8	7.0	60.2	15	35
HEA 3106 50 4D	15.58	10.58	13.55	10.08	50.2	8.5	70.9	15	35
HEA 3501 14 4D	3.70	2.60	3.22	2.48	13.9	2.3	18.5	12	19
HEA 3502 27 4D	7.50	5.30	6.52	5.05	27.9	4.7	33.0	12	22
HEA 3503C 36 4D	10.27	6.89	8.93	6.56	35.7	6.0	39.0	15	22
HEA 3503 41 4D	11.21	7.35	9.75	7.00	41.8	7.0	47.4	15	22
HEA 3504 55 4D	15.19	10.45	13.21	9.95	55.8	9.4	61.8	15	28
HEA 3505 70 4D	18.84	12.41	16.38	11.82	69.7	11.7	76.3	15	35
HEA 3506 83 4D	21.94	13.86	19.08	13.20	83.7	14.1	90.7	15	35
HEA 4001 20 4D	6.74	4.65	5.86	4.43	19.9	3.4	23.6	12	19
HEA 4002C 33 4D	12.17	8.59	10.58	8.18	33.3	7.2	34.7	12	22
HEA 4002 40 4D	13.40	9.09	11.65	8.66	39.0	6.6	42.3	12	22
HEA 4003 54 4D	17.65	11.13	15.35	10.60	52.1	8.8	57.3	15	28
HEA 4004 81 4D	27.01	18.44	23.49	17.56	78.1	13.2	80.4	15	35
HEA 4501 31 4D	8.80	5.54	7.65	5.28	29.7	5.0	30.9	12	22
HEA 4502 61 4D	17.94	11.42	15.60	10.88	59.5	10.0	56.5	15	28
HEA 4503 92 4D	27.83	19.01	24.20	18.10	89.3	15.0	82.0	15	35
HEA 4504 119 4D	36.23	23.21	31.50	22.10	119.1	20.0	107.4	22	42
HEA 5001 39 4D	11.47	7.29	9.97	6.94	37.8	6.4	51.9	15	28
HEA 5001 58 4D	15.49	10.98	13.47	10.46	56.6	9.5	61.4	15	28
HEA 5001 76 4D	17.16	11.03	14.92	10.50	75.5	12.7	61.9	22	35
HEA 5002 81 4D	23.74	14.86	20.64	14.15	78.1	13.2	95.5	22	35
HEA 5002 121 4D	32.02	21.47	27.84	20.45	117.2	19.7	114.9	22	35
HEA 5002 156 4D	35.49	22.89	30.86	21.80	156.2	26.3	125.4	28	54
HEA 5003 122 4D	37.78	25.35	32.85	24.14	119.7	20.1	139.5	28	42
HEA 5003 183 4D	45.93	28.15	39.94	26.81	179.5	30.2	168.9	28	42
HEA 5003 237 4D	54.90	37.34	47.74	35.56	237	39.9	190.5	28	76
HEA 5004 159 4D	48.35	30.33	42.04	28.89	158.9	26.7	162.1	28	54
HEA 5004 238 4D	63.16	39.94	54.92	38.04	238.3	40.1	207.8	28	67
HEA 5004 318 4D	72.17	46.67	62.76	44.45	317.7	53.5	251.6	35	76

*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.

*S.S. casing available.

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	105	1.0	1141	4	2 × 440	1 × 440	1320
HEA 2502 17 4D	250	2	1~ 220	210	2.0	2283	5	2 × 730	1 × 730	2190
HEA 2503 26 4D	250	3	1~ 220	315	3.0	3425	6	2 × 1030	1 × 1030	3090
HEA 2504 35 4D	250	4	1~ 220	420	4.0	4570	7	2 × 1310	1 × 1310	3930
HEA 2505 41 4D	250	5	1~ 220	525	5.0	5711	8	2 × 1600	1 × 1600	4800
HEA 2506 52 4D	250	6	1~ 220	630	6.0	6852	10	2 × 1890	1 × 1890	5670
HEA 3001 12 4D	300	1	1~ 220	85	0.4	1399	6	3 × 440	1 × 440	1760
HEA 3002 23 4D	300	2	1~ 220	170	0.8	2801	7	3 × 730	1 × 730	2920
HEA 3003 35 4D	300	3	1~ 220	255	1.2	4205	9	3 × 1030	1 × 1030	4120
HEA 3004 46 4D	300	4	1~ 220	340	1.6	5603	10	3 × 1310	1 × 1310	5240
HEA 3005 56 4D	300	5	1~ 220	425	2.0	7006	13	3 × 1600	1 × 1600	6400
HEA 3006 69 4D	300	6	1~ 220	510	2.4	8404	15	3 × 1890	1 × 1890	7560
HEA 3101 08 4D	310	1	1~ 220	85	0.4	1670	7	2 × 440	1 × 440	1320
HEA 3102 17 4D	310	2	1~ 220	170	0.8	3340	8	2 × 730	1 × 730	2190
HEA 3103 25 4D	310	3	1~ 220	255	1.2	5010	10	2 × 1030	1 × 1030	3090
HEA 3104 34 4D	310	4	1~ 220	340	1.6	6680	11	2 × 1310	1 × 1310	3930
HEA 3105 42 4D	310	5	1~ 220	425	2.0	8350	15	2 × 1600	1 × 1600	4800
HEA 3106 50 4D	310	6	1~ 220	510	2.4	10020	16	2 × 1890	1 × 1890	5670
HEA 3501 14 4D	350	1	1~ 220	195	0.9	1696	10	4 × 440	2 × 440	2640
HEA 3502 27 4D	350	2	1~ 220	390	1.8	3398	13	4 × 730	2 × 730	4380
HEA 3503C 36 4D	350	3	1~ 220	585	2.7	4650	16	3 × 1280	2 × 1280	5120
HEA 3503 41 4D	350	3	1~ 220	585	2.7	5094	16	4 × 1030	2 × 1030	6180
HEA 3504 55 4D	350	4	1~ 220	780	3.6	6798	19	4 × 1310	2 × 1310	7860
HEA 3505 70 4D	350	5	1~ 220	975	4.5	8494	21	4 × 1600	2 × 1600	9600
HEA 3506 83 4D	350	6	1~ 220	1170	5.4	10189	23	4 × 1890	2 × 1890	11340
HEA 4001 20 4D	400	1	1~ 220	500	3.3	4301	11	4 × 550	1 × 550	2750
HEA 4002C 33 4D	400	2	1~ 220	1000	6.6	7888	12	3 × 1280	1 × 1280	5120
HEA 4002 40 4D	400	2	1~ 220	1000	6.6	8514	13	4 × 1030	1 × 1030	5150
HEA 4003 54 4D	400	3	1~ 220	1500	9.9	12075	16	4 × 1310	1 × 1310	6550
HEA 4004 81 4D	400	4	1~ 220	2000	13.2	17034	19	4 × 1890	1 × 1890	9450
HEA 4501 31 4D	450	1	1~ 220	430	3.0	5236	15	4 × 730	1 × 730	3650
HEA 4502 61 4D	450	2	1~ 220	860	6.0	10478	18	4 × 1310	1 × 1310	6550
HEA 4503 92 4D	450	3	1~ 220	1290	9.0	15730	21	4 × 1890	1 × 1890	9450
HEA 4504 119 4D	450	4	1~ 220	1720	12.0	20960	23	4 × 2470	1 × 2470	12350
HEA 5001 39 4D	500	1	3~ 380	630	1.0	7102	20	6 × 730	1 × 730	5110
HEA 5001 58 4D	500	1	3~ 380	630	1.0	6513	17	7 × 730	2 × 730	6570
HEA 5001 76 4D	500	1	3~ 380	630	1.0	5923	14	8 × 730	2 × 730	7300
HEA 5002 81 4D	500	2	3~ 380	1260	2.0	14356	24	6 × 1400	1 × 1400	9800
HEA 5002 121 4D	500	2	3~ 380	1260	2.0	13191	20	7 × 1400	2 × 1400	12600
HEA 5002 156 4D	500	2	3~ 380	1260	2.0	12076	16	8 × 1400	2 × 1400	14000
HEA 5003 122 4D	500	3	3~ 380	1890	3.0	21682	29	6 × 2050	1 × 2050	14350
HEA 5003 183 4D	500	3	3~ 380	1890	3.0	19934	24	7 × 2050	2 × 2050	18450
HEA 5003 237 4D	500	3	3~ 380	1890	3.0	18232	19	8 × 2050	2 × 2050	20500
HEA 5004 159 4D	500	4	3~ 380	2520	4.0	28857	34	6 × 3390	1 × 3390	23730
HEA 5004 238 4D	500	4	3~ 380	2520	4.0	26537	29	7 × 3390	2 × 3390	30510
HEA 5004 318 4D	500	4	3~ 380	2520	4.0	24377	24	8 × 3390	2 × 3390	33900

HEA SERIES EVAPORATOR

EVAPORADORES SERIE HEA

