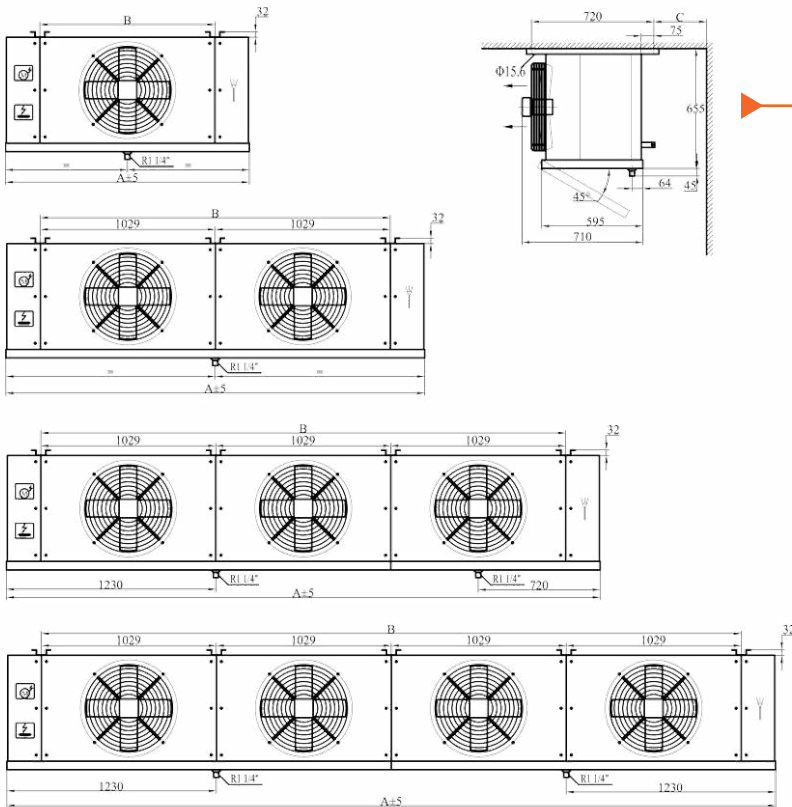
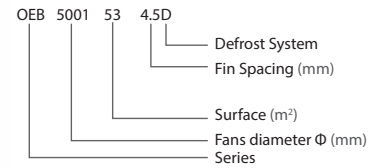




SERIE OEB EVAPORATORS



Model classification:



General features:

The high efficient coils are made from high quality copper tube $\Phi 15$ mm and special profile aluminium fins. Heat exchangers are supplied clean and tested under a pressure of 30 bars.

- **The casing:**
White powder coated aluminium, high corrosion strength, impact resistance, and does not produce polluting debris.
- **The fan motors:**
All with high quality axial fan motors with high safety standards fitted well to the unit casing with an anti-vibration system.
- **Defrost heating:**
Provided by stainless steel heater elements covered by the aluminium tubes, located in the finned pack and in the drain pan.
- **Electrical parts and wiring:**
Are connected to a ground terminal, carried out in junction box with access holes equipped with water-proof cable glands. All materials are selected carefully for long-term reliability.



OEB/D
5001



OEB/D
5002



OEB/D
5003



OEB/D
5004



General information Fin spacing: 4.5 mm / With heater: Rt \geq -0°C / -32°F

Model	Capacity R404A / 507A (kw)		Surface M ²	Tube volume (dm ³)	N.W. (kg)	Dimensions (mm)			Connection Diameter (Φ mm)	
	t _e = -8°C 17.6°F	t _e = -25°C -13°F				A	B	C	Inlet	Outlet
	DT1=-8°K	DT1=-7°K								
OEB 5001 53 4.5D	9.98	7.12	53	9.2	77	1434	1029	300	12	28
OEB 5001 79 4.5D	12.4	9.1	79	12.3	94	1434	1029	300	12	28
OEB 5002 106 4.5D	19.95	14.24	106	18.5	138	2463	2058	400	15	42
OEB 5002 159 4.5D	24.79	18.2	159	26.1	171	2463	2058	400	15	42
OEB 5003 159 4.5D	29.93	21.35	159	27.6	201	3492	3087	450	22	54
OEB 5003 239 4.5D	37.91	27.05	239	39.2	294	3492	3087	450	22	54
OEB 5004 218 4.5D	39.91	28.47	218	36	263	4522	4116	490	22	54
OEB 5004 327 4.5D	50.55	36.07	327	54	395	4522	4116	490	22	54

Mark: Optional model without heater available.

Electric data

Model	Axial Fans						Electric Defrost			
	Diameter (Φ mm)	Qty	Voltage (V) 50/60Hz 1PH	Power (W)	Current (A)	Air Flow (m ³ /h)	Air Throw (m)	Coil (W)	Drain Pan (W)	Total (W)
OEB 5001 53 4.5D	500	1	3~380/220	450/680	1.1 5/2.20	6400	16	3 x 280	2 x 1280	6400
OEB 5001 79 4.5D	500	1	3~380/220	450/680	1.15/2.20	6200	15	4 x 1280	2 x 1280	7680
OEB 5002 106 4.5D	500	2	3~380/220	900/1360	2.30/4.40	12800	18	3 x 2320	2 x 2320	11600
OEB 5002 159 4.5D	500	2	3~380/220	900/1360	2.30/4.40	12400	17	4 x 2320	2 x 2320	13920
OEB 5003 159 4.5D	500	3	3~380/220	1350/2040	3.45/6.60	19200	20	3 x 3200	2 x 3200	16000
OEB 5003 239 4.5D	500	3	3~380/220	1350/2040	3.45/6.60	18600	19	4 x 3200	2 x 3200	19200
OEB 5004 218 4.5D	500	4	3~380/220	1800/2720	4.60/8.80	25600	22	6 x 2130	4 x 2130	21300
OEB 5004 327 4.5D	500	4	3~380/220	1800/2720	4.60/8.80	24800	21	8 x 2130	4 x 2130	25560

General information Espacio entre aletas: 7 mm / Con resistencia : Rt \geq -18 °C / -64,4°F

Model	Capacity R404A / 507A (kw)		Surface M ²	Tube volume (dm ³)	N.W. (kg)	Dimensions (mm)			Connection Diameter (Φ mm)	
	t _e = -8°C 17.6°F	t _e = -25°C -13°F				A	B	C	Inlet	Outlet
	DT1=-8°K	DT1=-7°K								
OEB 5001 35 7D	7.9	5.83	35	9.2	70	1434	1029	300	12	28
OEB 5001 52 7D	10.24	7.68	52	12.3	83	1434	1029	300	12	28
OEB 5002 69 7D	15.81	11.67	69	18.5	124	2463	2058	400	15	42
OEB 5002 103 7D	20.48	15.38	103	26.1	150	2463	2058	400	15	42
OEB 5003 103 7D	23.7	17.5	103	27.6	180	3492	3087	450	22	54
OEB 5003 156 7D	30.02	22.16	156	39.2	218	3492	3087	450	22	54
OEB 5004 139 7D	31.61	23.33	139	36	235	4522	4116	490	22	54
OEB 5004 209 7D	40.04	29.55	209	54	353	4522	4116	490	22	54

Electric data

Model	Axial Fans						Electric Defrost			
	Diameter (Φ mm)	Qty	Voltage (V) 50/60Hz 1PH	Power (W)	Current (A)	Air Flow (m ³ /h)	Air Throw (m)	Coil (W)	Drain Pan (W)	Total (W)
OEB 5001 35 7D	500	1	3~380/220	450/680	1.15/2.20	6600	17	3 x 1280	2 x 1280	6400
OEB 5001 52 7D	500	1	3~380/220	450/680	1.15/2.20	6400	16	4 x 1280	2 x 1280	7680
OEB 5002 69 7D	500	2	3~380/220	900/1360	2.30/4.40	13200	19	3 x 2320	2 x 2320	11600
OEB 5002 103 7D	500	2	3~380/220	900/1360	2.30/4.40	12800	18	4 x 2320	2 x 2320	13920
OEB 5003 103 7D	500	3	3~380/220	1350/2040	3.45/6.60	19800	21	3 x 3200	2 x 3200	16000
OEB 5003 156 7D	500	3	3~380/220	1350/2040	3.45/6.60	19200	20	4 x 3200	2 x 3200	19200
OEB 5004 139 7D	500	4	3~380/220	1800/2720	4.60/8.80	26400	23	6 x 2130	4 x 2130	21300
OEB 5004 209 7D	500	4	3~380/220	1800/2720	4.60/8.80	25600	22	8 x 2130	4 x 2130	25560



General information

Espacio entre aletas: 10 mm / Con resistencia : $R_t \geq -25\text{ °C} / -77\text{ °F}$

Model	Capacity R404A / 507A (kw)		Surface M ²	Tube volume (dm ³)	N.W. (kg)	Dimensions (mm)			Connection Diameter (Φ mm)	
	t _e = -8°C 17.6°F	t _e = -25°C -13°F				A	B	C	Inlet	Outlet
OEB 5001 25 10D	6.35	4.78	25	9.2	67	1434	1029	300	12	28
OEB 5001 37 10D	8.48	6.46	37	12.3	78	1434	1029	300	12	28
OEB 5002 49 10D	12.69	9.56	49	18.5	116	2463	2058	400	15	42
OEB 5002 75 10D	16.95	12.92	75	26.1	139	2463	2058	400	15	42
OEB 5003 75 10D	19.04	14.34	75	27.6	167	3492	3087	450	22	54
OEB 5003 111 10D	24.12	18.17	111	39.2	201	3492	3087	450	22	54
OEB 5004 98 10D	25.39	19.13	98	36	217	4522	4116	490	22	54
OEB 5004 147 10D	32.17	24.24	147	54	326	4522	4116	490	22	54

Electric data

Model	Axial Fans							Electric Defrost		
	Diameter (Φ mm)	Qty	Voltage (V) 50/60Hz 1PH	Power (W)	Current (A)	Air Flow (m ³ /h)	Air Throw (m)	Coil (W)	Drain Pan (W)	Total (W)
OEB 5001 25 10D	500	1	3~380/220	450/680	1.15/2.20	6800	18	3 x 1280	2 x 1280	6400
OEB 5001 37 10D	500	1	3~380/220	450/680	1.15/2.20	6600	17	4 x 1280	2 x 1280	7680
OEB 5002 49 10D	500	2	3~380/220	900/1360	2.30/4.40	13600	20	3 x 2320	2 x 2320	11600
OEB 5002 75 10D	500	2	3~380/220	900/1360	2.30/4.40	13200	19	4 x 2320	2 x 2320	13920
OEB 5003 75 10D	500	3	3~380/220	1350/2040	3.45/6.60	20400	22	3 x 3200	2 x 3200	16000
OEB 5003 111 10D	500	3	3~380/220	1350/2040	3.45/6.60	19800	21	4 x 3200	2 x 3200	19200
OEB 5004 98 10D	500	4	3~380/220	1800/2720	4.60/8.80	27200	24	6 x 2130	4 x 2130	21300
OEB 5004 147 10D	500	4	3~380/220	1800/2720	4.60/8.80	26400	23	8 x 2130	4 x 2130	25560



Also available:



OEA series
EVAPORATOR



OEJ series
EVAPORATOR