

Evaporator Wongso Heavy Duty



Evaporator Wongso Heavy Duty (EWHD Series) is 9 mm Fin Spacing evaporator or air-cooled for low-temperature application. EWHD uses a special fin pattern design and inner grooved copper tube to make higher heat transfer efficiency.

EWHD also use a 630 mm diameter fan motor for high air volume and air throw. Casing with the white coating will prevent from corrosion. Dual drain tray design to avoid water condensation. Easy moving design of side cover for easy maintenance.

MODEL Fin Spacing 9 mm	Capacity SC3 Condition *1	Capacity SC4 Condition *2	Capacity SC5 Condition *3	Exchange Surface m ²	Fan Data 630 mm (EBM / ZA) (380V-415V / 3 Phase / 50Hz)					Heater Data (220V / 1 Phase / 50Hz)		Dimension			Inlet Pipe	Outlet Pipe	Net Weight Kg
	R404A	R404A	R404A		No. Fans	Air flow	Air Throw	Total Power	Total Curent	Total Power	Total Amps	Length (P)	Width (L)	Height (T)	Expansion Connection	Suction Connection	
	kW	kW	kW		Qty	m ³ /h	meter	W	A	W	A	mm	mm	mm	mm	mm	
EWHD 051	5.94	4.9	4.04	28	1 x 630	19890	18	850	4	4600	21	1170	410	1010	5/8	1 3/8	85
EWHD 071	8.61	7.1	5.85	42	1 x 630	19890	18	1700	4	5700	26	1370	410	1010	5/8	1 3/8	100
EWHD 101	11.88	9.8	8.1	58	2 x 630	39780	20	1700	8	9500	43	2020	410	1010	3/4	1 1/2	175
EWHD 131	14.79	12.2	10.1	71	2 x 630	39780	20	3400	8	11800	54	2420	410	1010	3/4	1 1/2	200
EWHD 151	17.34	14.3	11.8	84	2 x 630	39780	20	3400	8	13500	61	2420	410	1010	3/4	1 1/2	225
EWHD 181	22.19	18.3	15.1	108	2 x 630	39780	22	3400	8	16500	75	2620	410	1165	1	2	250
EWHD 221	25.22	20.8	17.14	120	3 x 630	59670	22	5100	12	18300	83	2870	410	1165	1	2	300
EWHD 251	28.13	23.2	19.11	134	3 x 630	59670	23	5100	12	20500	93	3170	580	1165	1	2	325
EWHD 281	32.01	26.4	21.8	152	3 x 630	59670	23	5100	12	23300	106	3560	580	1165	1	2	350
EWHD 341	38.19	31.5	26	180	4 x 630	79560	24	6800	16	27600	125	4160	580	1165	1	2	425

Standard Condition	Room Temp.	Evaporation Temp.
SC	(°C)	T _E (°C)
SC3	-18	-25
SC4	-25	-31
SC5	-34	-40

R404A R407C	SST °C	-36	-33	-30	-27	-25	-21	-18	-15	-12
	Factor R404A	0.79	0.85	0.91	0.96	1.00	1.08	1.14	1.22	1.29
	Factor R407C	0.86	0.90	0.94	0.97	1.00	1.05	1.09	1.15	1.21
	Max KTD	3	9	9	9	9	9	9	9	8
	Min KTD	4	4	4	3	3	4	4	4	4

R22 R507	SST °C	-36	-33	-30	-27	-25	-21	-18	-15	-12
	Factor R22	0.83	0.88	0.93	0.97	1.00	1.07	1.13	1.19	1.26
	Factor R507	0.81	0.86	0.91	0.97	1.00	1.08	1.13	1.21	1.28
	Max KTD	8	9	9	9	9	9	9	8	8
	Min KTD	4	4	3	3	3	3	4	4	5