

PERFORMANCE DATA

50Hz

HL-B30			Ambient temperature T_a °C																	Tmax. (°C)
R407C T_o (°C)	25			32			35			38			40			43				
	P_C (kW)	P_a (Kw)	F_w (m³/h)	P_C (kW)	P_a (Kw)	F_w (m³/h)	P_C (kW)	P_a (Kw)	F_w (m³/h)	P_C (kW)	P_a (Kw)	F_w (m³/h)	P_C (kW)	P_a (Kw)	F_w (m³/h)	P_C (kW)	P_a (Kw)	F_w (m³/h)		
-5	14.5	5.79	2.50	13.5	6.75	2.33	13.1	7.08	2.26	12.7	7.79	2.19	15.1	8.02	2.59	17.0	9.05	2.93	47	
0	17.7	5.88	3.05	16.6	6.85	2.85	16.1	7.19	2.77	15.6	7.92	2.68	18.2	8.14	3.13	19.6	8.31	3.37	47	
5	21.4	5.97	3.69	20.0	6.96	3.44	19.4	7.31	3.34	18.8	8.04	3.24	20.9	8.47	3.61	21.0	9.41	3.37	47	
7	23.0	6.09	3.96	21.5	7.10	3.70	20.9	7.46	3.59	20.2	8.21	3.48	21.6	8.37	3.72	22.5	8.72	3.88	46	
9	24.6	6.21	4.24	23.0	7.24	3.96	22.3	7.60	3.84	21.6	8.37	3.72	23.2	8.62	4.00	24.5	9.14	4.21	46	
11	26.5	6.40	4.56	24.7	7.46	4.26	24.0	7.83	4.13	23.2	8.62	4.00	25.3	9.03	4.35	26.3	9.11	4.53	45	
13	28.8	6.70	4.95	26.9	7.81	4.63	26.1	8.20	4.49	25.3	9.03	4.35	26.9	7.81	4.63	27.1	8.28	4.67	44	
15	29.9	6.76	5.15	28.0	7.88	4.81	27.1	8.28	4.67	26.3	9.11	4.53	28.0	7.88	4.81	27.1	8.28	4.67	43	

Note: T_o : evaporator outlet water temperatures; P_c : cooling capacity; P_a : power absorbed by the compressors; F_w : water flow rate($\Delta t=5^\circ\text{C}$)

Interpolation is allowed, extrapolation is not permitted.

To calculate P_c , P_a and F_w for $\Delta t \neq 5^\circ\text{C}$ when examining the table "Correction factors for $\Delta t \neq 5^\circ\text{C}$ "**HL-B30 : Overall Dimension**