

PERFORMANCE DATA

50Hz

HL-B40			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	17.2	6.11	2.96	16.1	7.13	2.77	15.6	7.48	2.68	15.1	8.01	2.60	17.9	8.47	3.08	20.2	9.56	3.47	47	
0	21.0	6.21	3.62	19.6	7.24	3.38	19.0	7.60	3.28	18.5	8.13	3.18	21.6	8.60	3.72	23.2	9.75	3.73	47	
5	25.4	6.31	4.37	23.7	7.35	4.08	23.0	7.72	3.96	22.3	8.26	3.84	24.8	8.78	4.00	26.7	9.21	4.29	47	
7	27.3	6.44	4.70	25.5	7.50	4.39	24.7	7.88	4.26	24.0	8.43	4.13	26.7	8.95	4.28	29.0	9.65	4.29	46	
9	29.2	6.56	5.03	27.3	7.65	4.70	26.5	8.03	4.56	25.6	8.60	4.42	28.9	9.15	4.59	31.1	9.55	4.29	46	
11	31.4	6.76	5.40	29.3	7.88	5.05	28.4	8.27	4.90	27.6	8.85	4.75	30.2	9.21	4.60	32.2	9.36	4.29	45	
13	34.1	7.08	5.87	31.9	8.25	5.49	30.9	8.66	5.33	30.0	9.27	5.16	32.9	9.65	5.00	35.1	10.7	4.67	44	
15	35.5	7.14	6.11	33.2	8.33	5.71	32.2	8.74	5.54	31.2	9.36	5.37	35.2	9.74	5.20	37.2	11.1	5.00	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-B40 : Overall Dimension**