

PERFORMANCE DATA

50Hz

HL-B50			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	20.2	7.21	3.48	18.9	8.41	3.26	18.3	8.83	3.16	17.8	9.45	3.06	21.0	10.0	3.62	23.7	11.3	4.08	47	
0	24.7	7.33	4.26	23.1	8.54	3.98	22.4	8.97	3.86	21.7	9.60	3.74	25.4	10.1	4.37	27.3	11.5	4.39	47	
5	29.9	7.44	5.14	27.9	8.67	4.81	27.1	9.11	4.66	26.2	9.75	4.52	29.2	10.6	5.03	27.3	11.7	4.70	46	
7	32.1	7.59	5.53	30.0	8.85	5.17	29.1	9.29	5.01	28.2	9.95	4.86	27.3	10.4	4.70	25.5	11.5	4.39	46	
9	34.3	7.75	5.92	32.1	9.03	5.53	31.1	9.48	5.36	30.2	10.1	5.20	29.2	10.6	5.03	27.3	11.7	4.70	46	
11	36.9	7.97	6.36	34.5	9.29	5.94	33.5	9.76	5.76	32.4	10.4	5.59	31.4	10.9	5.41	29.3	12.1	5.05	45	
13	40.1	8.35	6.91	37.5	9.74	6.46	36.4	10.2	6.27	35.3	10.9	6.07	34.1	11.4	5.88	31.9	12.7	5.49	44	
15	41.7	8.43	7.19	39.0	9.82	6.72	37.8	10.3	6.52	36.7	11.0	6.31	35.5	11.5	6.11	31.9	12.7	5.49	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-B50 : Overall Dimension**