

PERFORMANCE DATA

50Hz

HL-B80			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	34.4	12.2	5.92	32.1	14.3	5.53	31.2	15.0	5.37	30.2	16.0	5.20	35.7	16.9	6.16	40.3	19.1	6.94	47
0	42.0	12.4	7.24	39.3	14.5	6.76	38.1	15.2	6.56	36.9	16.3	6.36	43.2	17.2	7.43	46.4	19.5	7.47	47
5	50.8	12.6	8.74	47.4	14.7	8.17	46.0	15.4	7.92	44.6	16.5	7.68	49.7	17.9	8.55	49.9	20.5	8.59	46
7	54.6	12.9	9.40	51.0	15.0	8.78	49.5	15.8	8.52	47.9	16.9	8.26	53.4	17.6	7.99	54.2	21.5	7.99	46
9	58.4	13.1	10.1	54.6	15.3	9.40	52.9	16.1	9.12	51.3	17.2	8.84	58.0	17.9	8.55	58.0	21.5	7.99	45
11	62.8	13.5	10.8	58.7	15.8	10.1	56.9	16.5	9.80	55.1	17.7	9.50	60.3	18.4	9.19	60.3	21.5	8.59	44
13	68.2	14.2	11.7	63.8	16.5	11.0	61.8	17.3	10.7	59.9	18.5	10.3	60.3	19.3	10.0	60.3	21.5	9.33	44
15	70.9	14.3	12.2	66.3	16.7	11.4	64.3	17.5	11.1	62.3	18.7	10.7	60.3	19.5	10.4	60.3	21.5	9.33	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-B80 : Overall Dimension**