

PERFORMANCE DATA

50Hz

HL-B15		Ambient temperature T_a °C																		Tmax. (°C)
R410A 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	5.80	2.18	1.00	5.42	2.54	0.93	5.26	2.66	0.91	5.09	2.85	0.88	/	/	/	/	/	/	47	
0	7.09	2.21	1.22	6.62	2.58	1.14	6.42	2.71	1.11	6.22	2.90	1.07	6.03	3.01	1.04	/	/	/	46	
5	8.56	2.25	1.47	8.00	2.62	1.38	7.76	2.75	1.34	7.52	2.94	1.29	7.28	3.06	1.25	6.80	3.40	1.17	47	
7	9.20	2.29	1.59	8.60	2.67	1.48	8.34	2.80	1.44	8.08	3.00	1.39	7.83	3.12	1.35	7.31	3.47	1.26	46	
9	9.85	2.34	1.70	9.20	2.72	1.59	8.93	2.86	1.54	8.65	3.06	1.49	8.37	3.19	1.44	7.82	3.54	1.35	46	
11	10.6	2.41	1.82	9.89	2.80	1.70	9.59	2.94	1.65	9.30	3.15	1.60	9.00	3.28	1.55	8.41	3.64	1.45	45	
13	11.5	2.52	1.98	10.8	2.94	1.85	10.4	3.08	1.80	10.1	3.30	1.74	9.78	3.44	1.69	9.14	3.82	1.57	44	
15	12.0	2.54	2.06	11.2	2.96	1.93	10.8	3.11	1.87	10.5	3.33	1.81	10.2	3.47	1.75	/	/	/	43	

Note:

To: evaporator outlet water temperatures;

Pc: cooling capacity;

Pa: power absorbed by the compressors;

Fw: water flow rate($\Delta t=5^{\circ}\text{C}$)

Interpolation is allowed, extrapolation is not permitted.

To calculate Pc, Pa and Fw for $\Delta t \neq 5^{\circ}\text{C}$ when examining the table "Correction factors for $\Delta t \neq 5^{\circ}\text{C}$ "**HL-B15: Overall Dimension**