

PERFORMANCE DATA

50Hz

HL-B20			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	10.3	3.67	1.78	9.64	4.28	1.66	9.35	4.49	1.61	9.06	4.81	1.56	10.7	5.08	1.85	12.1	5.73	2.08	47	
0	12.6	3.73	2.17	11.8	4.34	2.03	11.4	4.56	1.97	11.1	4.88	1.91	12.9	5.16	2.23	13.9	5.85	2.24	47	
5	15.2	3.78	2.62	14.2	4.41	2.45	13.8	4.63	2.38	13.4	4.96	2.30	14.9	5.37	2.57	15.0	5.97	2.40	47	
7	16.4	3.86	2.82	15.3	4.50	2.64	14.8	4.73	2.56	14.4	5.06	2.48	15.0	5.37	2.57	15.0	5.53	2.40	46	
9	17.5	3.94	3.02	16.4	4.59	2.82	15.9	4.82	2.74	15.4	5.116	2.65	14.9	5.37	2.57	13.9	5.97	2.40	46	
11	18.8	4.05	3.24	17.6	4.73	3.03	17.1	4.96	2.94	16.5	5.31	2.85	16.0	5.53	2.76	15.0	6.14	2.58	45	
13	20.5	4.25	3.52	19.1	4.95	3.29	18.6	5.20	3.20	18.0	5.56	3.10	17.4	5.79	3.00	16.3	6.44	2.80	44	
15	21.3	4.29	3.67	19.9	5.00	3.43	19.3	5.24	3.32	18.7	5.61	3.22	18.1	5.84	3.12	18.1	5.84	3.12	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-B20: Overall Dimension**