

PERFORMANCE DATA

50Hz

HL-i55			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	24.8	8.3	6.7	23.2	9.6	6.5	22.5	10.1	6.4	21.8	10.9	6.1	21.1	11.3	5.8	19.7	12.5	5.6	47	
0	30.4	8.8	7.2	28.4	10.3	6.8	27.6	10.8	6.7	26.7	11.5	6.4	25.9	12.1	6.1	24.2	13.4	5.9	46	
5	37.3	10.1	7.4	34.9	11.8	6.9	33.8	12.4	6.7	32.8	13.2	6.5	31.7	13.8	6.4	29.6	15.3	6.1	47	
7	40.1	10.6	7.8	37.5	12.4	7.4	36.4	13.0	7.2	35.3	13.9	6.9	34.1	14.5	6.8	31.9	16.1	6.6	46	
9	42.1	11.1	8.4	39.4	12.9	7.9	38.2	13.5	7.7	37.0	14.4	7.4	35.8	15.1	7.3	33.5	16.8	7.1	46	
11	46.1	11.4	9.0	43.1	13.3	8.4	41.8	13.9	8.2	40.5	14.9	7.9	39.2	15.5	7.7	36.7	17.2	7.5	45	
13	50.2	11.6	9.9	46.9	13.5	9.3	45.5	14.2	9.1	44.1	15.1	8.7	42.7	15.8	8.6	39.8	17.6	8.3	44	
15	52.2	11.8	10.1	48.8	13.8	9.5	47.3	14.5	9.2	45.8	15.4	9.0	44.4	16.1	8.7	41.4	17.9	8.4	43	

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-i55: Overall Dimension

