

PERFORMANCE DATA

50Hz

HL-40		Ambient temperature T_a °C																		Tmax. (°C)
R407C To (°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	18.5	6.1	4.9	17.3	7.2	4.7	16.8	7.5	4.4	16.2	8.0	4.2	19.3	9.0	4.2	22.1	11.4	4.4	47	
0	22.7	6.6	5.1	21.2	7.7	4.9	20.6	8.3	4.6	20.0	8.6	4.4	19.3	9.0	4.2	22.1	11.4	4.4	46	
5	27.9	7.5	5.3	26.0	8.7	5.0	25.3	9.2	4.8	24.5	9.8	4.6	23.7	10.2	4.5	22.1	11.4	4.4	47	
7	29.9	7.9	5.6	28.0	9.2	5.3	27.2	9.7	5.1	26.3	10.3	5.0	25.5	10.8	4.8	23.8	12.0	4.7	46	
9	31.5	8.1	6.0	29.4	9.5	5.6	28.5	9.9	5.5	27.6	10.5	5.3	26.8	11.1	5.2	25.0	12.3	5.0	46	
11	34.5	8.4	6.4	32.2	9.8	6.0	31.2	10.3	5.8	30.3	11.0	5.6	29.3	11.5	5.5	27.4	12.7	5.3	45	
13	35.6	8.6	6.8	33.6	10.1	6.4	32.6	10.6	6.2	31.6	11.3	6.0	30.6	11.8	5.9	28.6	13.1	5.7	44	
15	38.9	8.8	7.2	36.4	10.2	6.8	35.3	10.7	6.6	34.2	11.6	6.4	33.1	11.9	6.2	28.6	13.1	5.7	43	

Note: When water outlet temperature required at -5°C, need to change the LP switch from standard part No.

T5303-23 (0.3MPa On, 0.15MPa Off) to part No. T5303-24 (0.2MPa On, 0.1MPa Off). (except model HL i70-i180)

T_o : evaporator outlet water temperatures;

P_c : cooling capacity;

P_a : power absorbed by the compressors;

F_w : water flow rate($\leq 5^\circ\text{C}$)

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-i40: Overall Dimension

