

PERFORMANCE DATA

50Hz

HL-i30			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	13.5	4.9	3.3	12.7	5.7	3.1	12.3	6.0	3.0	11.9	6.4	2.8	14.1	7.1	2.9	16.2	9.0	3.0	47	
0	16.6	5.2	3.5	15.5	6.1	3.2	15.1	6.4	3.1	14.6	6.8	3.0	17.4	8.1	3.1	19.5	9.5	3.1	46	
5	20.4	6.0	3.7	19.1	6.9	3.4	18.5	7.3	3.3	17.9	7.8	3.2	20.9	8.8	3.3	23.0	9.8	3.3	47	
7	21.9	6.3	3.9	20.5	7.3	3.6	19.9	7.7	3.5	19.3	8.2	3.4	21.4	9.1	3.7	23.0	10.1	3.1	46	
9	23.0	6.5	4.1	21.5	7.5	3.8	20.9	7.9	3.7	20.2	8.4	3.6	22.4	9.3	3.9	23.0	9.8	3.3	46	
11	25.2	6.7	4.4	23.6	7.8	4.1	22.9	8.2	3.9	22.2	8.7	3.8	24.2	9.1	3.7	20.0	10.1	3.5	45	
13	26.3	6.8	4.6	24.6	8.0	4.3	23.9	8.4	4.2	23.1	9.0	4.0	22.4	9.3	3.9	20.9	10.4	3.7	44	
15	28.5	7.0	4.9	26.7	8.1	4.6	25.9	8.5	4.4	25.1	9.1	4.2	24.2	9.5	4.1	25.2	10.7	3.9	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)

To: evaporator outlet water temperatures;

Pc: cooling capacity;

Pa: power absorbed by the compressors;

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

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-i30: Overall Dimension

