

PERFORMANCE DATA

50Hz

HL450																			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	22.1	8.2	6.0	20.7	9.6	5.8	20.1	10.0	5.7	19.2	10.7	5.4	23.1	12.0	5.4	26.5	15.2	5.5	47																			
0	27.2	8.8	6.4	25.0	10.2	6.0	24.3	10.7	5.9	23.5	11.5	5.6	23.1	12.0	5.4	26.5	15.2	5.5	46																			
5	33.3	10.0	6.6	31.2	11.7	6.2	30.2	11.7	6.0	29.3	13.1	5.8	28.4	13.7	5.7	26.5	15.2	5.5	47																			
7	35.9	10.6	7.0	33.5	12.3	6.6	32.5	12.9	6.4	31.5	13.8	6.2	30.5	14.4	6.1	28.5	16.0	5.9	46																			
9	37.6	11.1	7.5	35.2	12.7	7.1	34.1	13.4	6.9	33.1	14.2	6.6	32.0	14.8	6.5	29.9	16.5	6.3	46																			
11	41.2	11.2	8.0	38.5	13.1	7.5	37.4	13.8	7.3	36.2	14.7	7.1	35.1	15.3	6.9	32.8	17.0	6.7	45																			
13	43.0	11.5	8.5	40.2	13.4	8.0	39.0	14.1	7.8	37.8	15.1	7.5	36.6	15.7	7.4	34.2	17.5	7.1	44																			
15	46.6	11.7	9.0	43.6	13.7	8.5	42.2	14.3	8.2	40.9	15.3	8.0	39.7	16.0	7.8	36.6	17.5	7.1	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;

P_c : cooling capacity;

P_a : power absorbed by the compressors;

F_w : water flow rate (< t=5 °C)

Interpolation is allowed, extrapolation is not permitted.

To calculate P_c , P_a and F_w for $\Delta t \neq 5$ °C when examining the table "Correction factors for $\Delta t \neq 5$ °C"

HL-i50: Overall Dimension

