

PERFORMANCE DATA

50Hz

HL-i 180		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	86.5	32.8	21.2	80.9	38.3	19.7	78.5	40.2	19.0	76.0	43.0	18.2	/	/	/	/	/	/	47	
0	106.5	35.1	21.8	99.4	40.9	20.3	96.4	43.0	19.7	93.4	45.9	18.9	90.4	47.9	18.3	/	/	/	46	
5	130.4	40.1	22.4	121.8	46.7	20.9	118.2	49.1	20.2	114.5	52.4	19.5	110.9	54.7	19.0	103.6	60.8	18.2	47	
7	140.2	42.2	23.9	131.0	49.2	22.3	127.1	51.7	21.5	123.1	55.2	20.7	119.2	57.6	20.2	111.4	64.0	19.4	46	
9	147.2	43.5	25.4	137.6	51.8	23.7	133.4	53.2	22.9	129.3	56.9	22.1	125.2	59.3	21.5	116.9	65.9	20.6	46	
11	158.2	45.0	26.9	150.7	52.4	25.1	146.1	55.0	24.3	141.6	58.8	23.4	137.1	61.3	22.8	128.1	68.1	21.9	45	
13	161.2	46.1	28.6	157.2	53.8	26.7	152.5	56.5	25.8	147.8	60.3	24.9	143.1	62.9	24.2	133.6	69.9	23.2	44	
15	182.2	46.9	30.3	170.3	54.6	28.2	165.2	57.3	27.3	160.1	61.3	26.3	155.0	63.9	25.7	/	/	/	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-i180: Overall Dimension

