

PERFORMANCE DATA

50Hz

HL-i90		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	43.6	16.4	10.3	40.7	19.1	9.6	39.5	20.1	9.2	38.3	21.5	9.0	45.6	24.0	9.2	52.2	30.4	9.4	47	
0	53.6	17.6	10.7	50.1	20.5	10.1	48.6	21.5	9.8	47.1	23.0	9.5	55.9	27.3	9.7	58.9	32.9	10.6	46	
5	65.7	20.1	11.3	61.4	23.4	10.6	59.5	24.5	10.3	57.7	26.2	10.0	63.1	29.6	11.0	64.5	34.1	11.3	47	
7	70.6	21.1	12.0	66.0	24.6	11.3	64.0	25.8	11.0	62.0	27.6	10.6	69.1	30.7	11.7	67.3	34.6	12.0	46	
9	74.2	21.7	12.8	69.3	25.3	12.0	67.2	26.6	11.7	65.1	28.4	11.3	72.1	31.5	12.4	69.1	34.1	12.0	46	
11	81.2	22.5	13.6	75.9	26.2	12.8	73.6	27.5	12.4	71.4	29.4	12.0	78.1	31.9	13.2	72.1	34.6	12.0	45	
13	84.7	23.1	14.4	79.2	26.9	13.5	76.8	28.2	13.1	74.5	30.2	12.7	80.7	30.6	13.5	78.1	31.9	13.2	44	
15	91.8	23.4	15.2	85.8	27.3	14.3	83.2	28.7	13.9	80.7	30.6	13.5	87.1	31.9	14.3	83.2	28.7	13.9	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-i90: Overall Dimension

