

HL-170			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	29.9	9.7	8.2	28.0	11.4	7.5	27.1	12.0	7.1	26.1	12.4	6.9	31.2	14.2	6.9	35.7	18.0	7.0	47
0	36.7	10.4	8.5	34.3	12.1	7.8	33.3	12.7	7.4	32.0	13.3	7.2	31.2	14.2	6.9	35.7	18.0	7.0	46
5	45.0	11.9	8.7	42.0	13.9	8.1	40.8	14.6	7.8	39.3	15.5	7.5	38.3	16.2	7.3	35.7	18.0	7.0	47
7	49.4	12.6	9.2	45.2	14.6	8.6	43.8	15.3	8.3	42.2	16.4	8.0	41.1	17.1	7.8	38.4	19.0	7.4	46
9	51.6	12.9	9.8	48.2	15.0	9.1	46.7	15.8	8.8	45.0	16.9	8.5	43.8	17.6	8.2	41.0	19.6	7.9	46
11	55.6	13.3	10.4	52.0	15.5	9.7	50.4	16.3	9.3	48.5	17.4	9.0	47.3	18.2	8.7	44.2	20.2	8.4	45
13	60.4	13.7	11.0	56.5	15.9	10.2	54.8	16.8	9.9	48.5	17.9	9.5	51.4	18.7	9.3	48.0	20.7	8.9	44
15	62.9	13.9	11.6	58.8	16.2	10.8	57.0	17.0	10.4	54.9	18.2	10.1	53.5	19.0	9.8	48.0	20.7	8.9	43

To: evaporator outlet water temperatures;

Pc: cooling capacity;

Pa: power absorbed by the compressors;

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

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-i70: Overall Dimension

