

HL-i20			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	9.6	3.4	2.2	9.0	4.0	2.0	8.7	4.2	2.0	8.4	4.5	1.7	10.0	5.0	1.8	11.5	6.4	1.9	47
0	11.8	3.7	2.4	11.0	4.3	2.2	10.7	4.5	2.1	10.3	4.8	1.9	12.3	5.7	2.0	14.2	6.7	2.1	46
5	14.4	4.2	2.6	13.5	4.9	2.3	13.1	5.1	2.2	12.7	5.5	2.1	15.2	6.4	2.5	17.2	7.3	2.5	47
7	15.5	4.4	2.8	14.5	5.2	2.5	14.1	5.4	2.4	13.6	5.8	2.3	16.4	6.6	2.6	18.3	6.7	2.1	46
9	16.3	4.6	3.0	15.2	5.3	2.7	14.8	5.6	2.5	14.3	6.0	2.4	17.7	6.7	2.3	19.9	6.9	2.2	46
11	17.8	4.7	3.2	16.7	5.5	2.8	16.2	5.8	2.7	15.7	6.2	2.6	18.8	6.8	2.5	21.1	7.1	2.3	45
13	18.6	4.8	3.3	17.4	5.6	3.0	16.9	5.9	2.9	16.4	6.3	2.7	19.5	6.9	2.6	22.2	7.3	2.5	44
15	20.2	4.9	3.5	18.9	5.7	3.2	18.3	6.0	3.0	17.7	6.4	2.9	20.7	7.0	2.8	23.3	7.4	2.5	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;

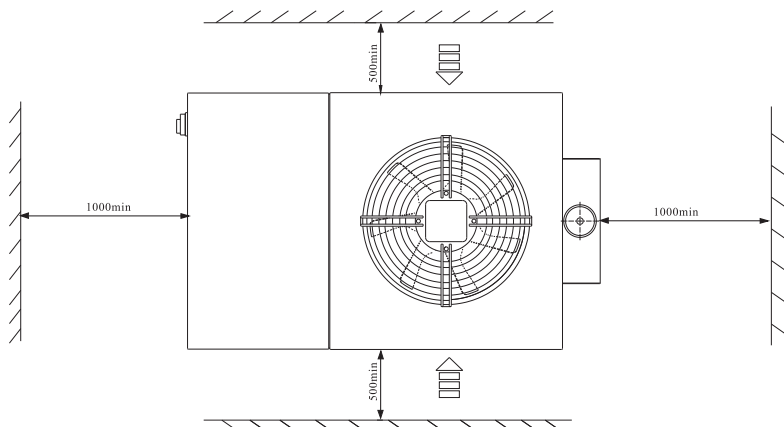
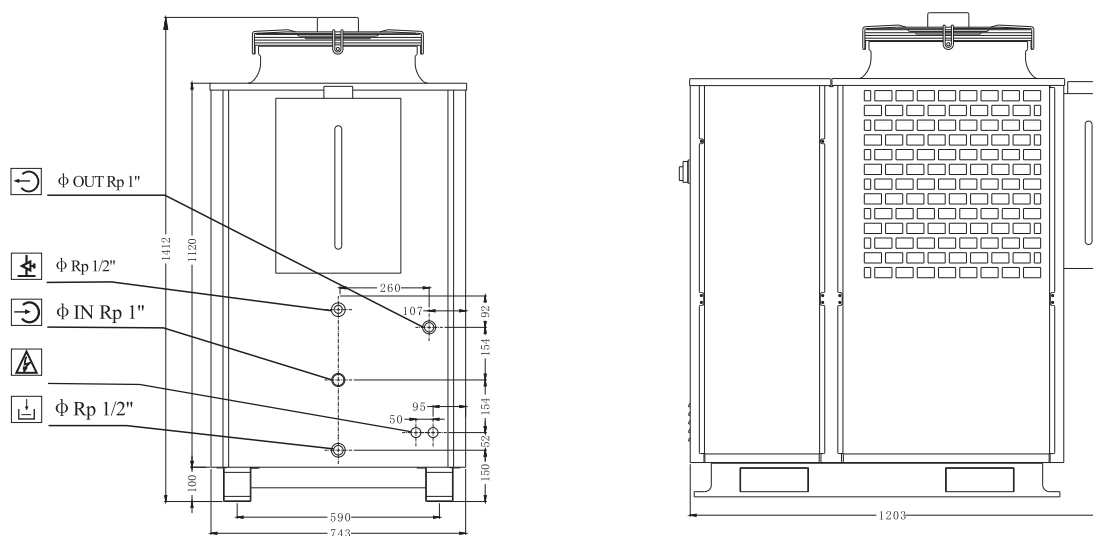
P_a: power absorbed by the compressors;

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 $\Delta t \neq 5^\circ\text{C}$ when examining the table "Correction factors for $\Delta t \neq 5^\circ\text{C}$ "

HL-i20: Overall Dimension



: Cooled-water Inlet

: Manual air vent

: Cooled-water Outlet

: Electrical power supply

: Water discharge