



Specifications

Item	Parameter	Model	SIIC-36A-R2
Refrigeration ³⁾ Capacity	kW		24 (11-36)
	kcal/hr		20,640 (9,460-30,960)
Compressor	Output Power (kW)		8.2 (4.4-13)
Refrigerant	Filler Content (kg)		12
	Control Mode		Thermostatic expansion valve/Electronic expansion valve (optional)
	Type		R410A
Evaporator	Type		Plate evaporator
Condenser	Type		Fin style
	Blower (kW)		0.75×2
	Water Tank (L)		96
Pump ²⁾	Power (kW)		1.5
	Working Flow (L/min)		150/195
	Working Pressure (kgf/cm ²)		3.0/4.0
	Total Power ³⁾ (kW)		16
Pipe Coupling (inch)	Chilled Water Outlet (inch)		1 1/4
	Chilled Water Inlet (inch)		1 1/4
	Drainage Port of Water Tank (inch)		1/2
	Overflow Port of Water Tank (inch)		1/2
Protective Device	Compressor		Overload relay
	Pump		Overload relay
	Refrigerant Circuit		High and low pressure switches/Anti-freezing switch
	Cooling Water Circuit		Flow switch (Option)/By-pass valve
	Power ⁴⁾		3Φ.400VAC.50Hz
	Dimensions (mm) (H × D × W)		1693×1882×905
	Measures Exchange		1 kW = 860 kcal/hr 1 RT = 3,024 kcal/hr 10,000 Btu/hr = 2,520 kcal/hr

- Notes: 1) Refrigeration capacity is tested under conditions that process water inlet temp. is 12°C, process water outlet temp. is 7°C Ambient dry bulb temp. is 35°C.
2) This pump is used as standard either for domestic or Southeast Asia; high pressure pump (Model denotes *HP; such as SIIC-36A-R2-HP) is optional for installation on customer's demands.
3) Pump power is included in total power.
4) Demands on special voltage of power supply could be satisfied.

We reserve the right to change specifications without prior notice.