

PA30H14G

Low/Medium temperature condensing unit

Appliances, Food-services-equipments,
Commercial refrigeration

R404A refrigerant
-40°C ~ -10°C evaporation temperature
1400W nominal output

Order information

CF Series Condensing units matrix			
Model Number	Eva. Temperature	Cooling capacity	Dimension
PA13H65G	-40°C	504W 433Kcal/h 1720Btu/h	640*485*240 mm Length x Widthx Height
	-35°C	654W 523Kcal/h 2230Btu/h	
	-30°C	807W 690Kcal/h 1140Btu/h	
	-25°C	975W830Kcal/h 3330tu/h	
	-20°C	1190W 1020Kcal/h 4060Btu/h	
	-15°C	1430W1230Kcal/h 4890Btu/h	
	-10°C	1790W1540Kcal/h 6120Btu/h	
PA16H87G	-40°C	630W540Kcal/h 2150Btu/h	680*485*275 mm Length x Widthx Height
	-35°C	820W 705Kcal/h 2800Btu/h	
	-30°C	950W 810Kcal/h 3250Btu/h	
	-25°C	1203W1030Kcal/h 4110tu/h	
	-20°C	1430W 1220Kcal/h 4890Btu/h	
	-15°C	1705W1460Kcal/h 5830Btu/h	
	-10°C	2050W1763Kcal/h 7010Btu/h	
PA23H11G	-40°C	850W 730Kcal/h 2900Btu/h	790*520*275 mm Length x Widthx Height
	-35°C	1104W940Kcal/h 3770Btu/h	
	-30°C	1240W 1060Kcal/h 4240Btu/h	
	-25°C	1565W1340Kcal/h 5350tu/h	
	-20°C	1890W 1620Kcal/h 6460Btu/h	
	-15°C	2130W1830Kcal/h 7280Btu/h	
	-10°C	2460W2110Kcal/h 8410Btu/h	
PA30H14G	-40°C	1200W 1030Kcal/h 4100Btu/h	940*520*275 mm Length x Widthx Height
	-35°C	1506W 1290Kcal/h 5150Btu/h	
	-30°C	1803W 1550Kcal/h 6160Btu/h	
	-25°C	2200W1890Kcal/h 7520tu/h	
	-20°C	2604W 2330Kcal/h 8900Btu/h	
	-15°C	2950W2530Kcal/h 10080Btu/h	
	-10°C	3560W3060Kcal/h 12170Btu/h	
PA36H15G	-40°C	1250W1070Kcal/h 4270Btu/h	1145*520*275 mm Length x Widthx Height
	-35°C	1604W 1370Kcal/h 5480Btu/h	
	-30°C	2030W 1740Kcal/h 6940Btu/h	
	-25°C	2560W2200Kcal/h 8750Btu/h	
	-20°C	3050W 2632Kcal/h 10430Btu/h	
	-15°C	3500W3010Kcal/h 11970Btu/h	
	-10°C	4230W3630Kcal/h 14460Btu/h	

Above parameters is given base on:
Power sources: 220V ~ 50Hz
Ambient Temperature: 32°C

Notices and Remarks:

* Please check with the power sources you are using, Aislu could produce PA series condensing units for following power sources:
220VAC ~ 50Hz
220-240VAC ~ 50Hz
208-230VAC ~ 60Hz
100-120VAC ~ 60Hz

Condensing units capacity could be changed due to power sources change and compressor selected.

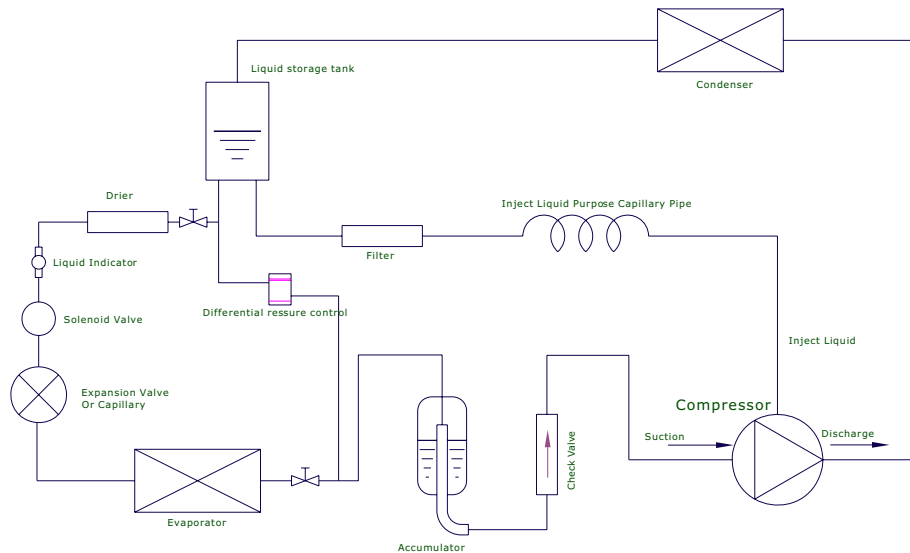
* Please consider mounting plate is space enough for install PA series condensing unit.

* Aislu accepts custom build PA series condensing units with in feasible given requirements.

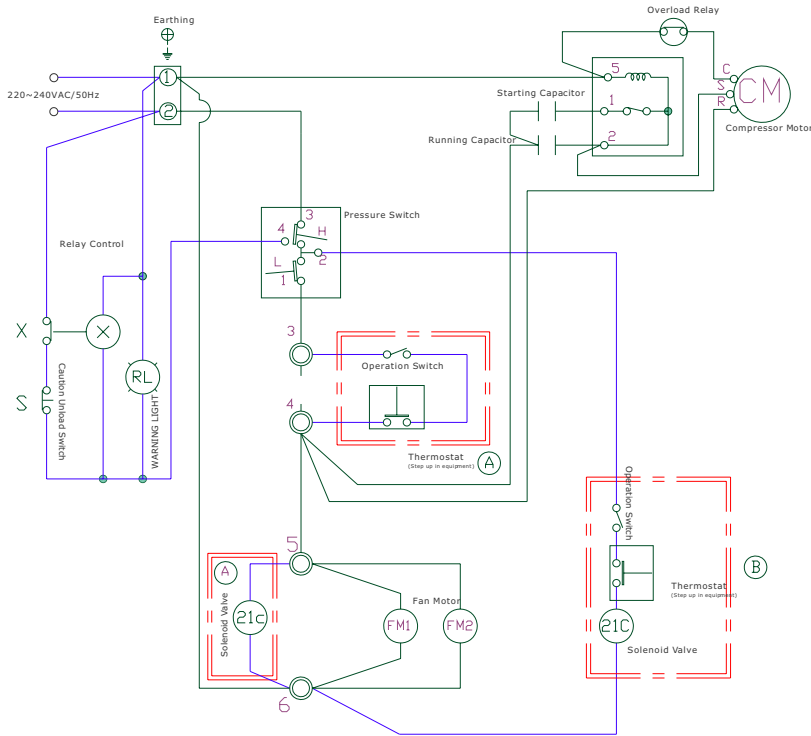
General Specification

Model Number		PA30H14G	
Nominal Output		1400W	
Power Source		220-240V/ 50Hz (Standard model)	
Refrigerant and Max. Charge		R404A(3.0)	
Starting current		40A	
Max. Load current		7.5 A	
Evaporating temperature range		-40°C ~ -10°C	
Ambient temperature range		0°C ~ 42°C	
Compressor		AISLU PHT-30E Rotary type	
Condenser specification	Type(rows * circles)	4 * 5	
	Fan	Fan Diameter * Quantity	∅ 230 * 3
		Air flow	960m ³ /hr * 3
Pipe Connection	Suction Pipe Diameter	∅ 15.88mm (5/8")	
	Liquid Discharging Pipe Diameter	∅ 9.35mm (3/8")	
Outline Dimension (L*W*H)		940*520*275 mm	
Cooling Capacity	Evaporating temperature	Cooling capacity	
	-40°C	1200W	1030Kcal/H 4100Btu/H
	-35°C	1506W	1290Kcal/H 5150Btu/H
	-30°C	1803W	1550Kcal/H 6160Btu/H
	-25°C	2200W	1890Kcal/H 7520Btu/H
	-20°C	2604W	2230Kcal/H 8900Btu/H
	-15°C	2950W	2537Kcal/H 10080Btu/H
	-10°C	3560W	3060Kcal/H 10470Btu/H
Wiring	Current Leak Protector	Rated Current	20A
		Leaking Current	30A
	Wire type	<= 10m	4.0 mm ² (12AWG)
		<= 20m	6.0mm ² (12AWG)
		<= 30m	6.0 mm ² (12AWG)

Components Connection



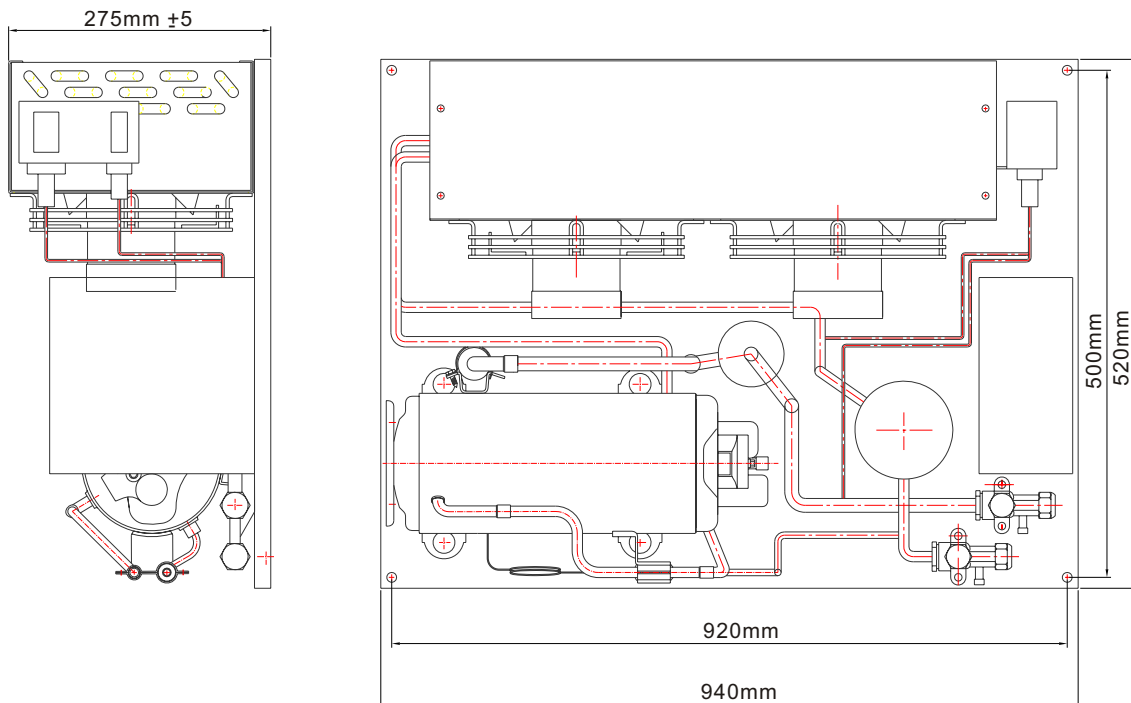
Wring Diagram



Notices and Remarks:

- * Please grounding from grounding label position.
- * Please notice auto-replacement type pressure switch is used in system.
- * Please read PA condensing unit manual before uses.

Standard Outline Dimension



Notices and Remarks:

- * Dimensions could be changed within feasible design updating, Aislu strongly suggest please contact Aislu technical support for confirm latest dimension design that make your system in mostly compact design.