

Performance & dimensions

Application: High Back Pressure

Refrigerant: R134a (CF₃CH₂F)

Evaporator temp range: -5°C to 15 °C

Rated voltage / Frequency	Model	ASHRAE								Voltage range
		50Hz				60Hz				
		Capacity		COP - W/W		Capacity		COP - W/W		
		W	kcal/hr	RSIR	RSCR	W	kcal/hr	RSIR	RSCR	
115V 60Hz	QAS66K16GAU					805	692	2.54	-	103V- 127V
	QAS91K22GAU					1,100	946	2.45	-	
	QAS110K27GAU					1,330	1,144	2.38	-	

Condition	ASHRAE
Condensing temperature:	54.4 °C
Evaporating temperature:	7.2 °C
Gas superheated to:	35.0 °C
Liquid subcooled to:	46.1 °C
Ambient temperature:	35.0 °C

Appearance - representative

Rated voltage / Frequency	Model		Dimension -mm			Mount	
	Name	Cooling type	A	B	C	Dia.-mm	Pitch-mm
115V 60Hz	QAS66C16GAU	FC	186	194.9	184	Ø16 * 4	70 * 170
	QAS91K22GAU	FC	206.1	214.7	184		
	QAS110K27GAU					Ø19 * 4	101.6 * 165.1

Note) Compressor cooling: ST = Static cooling, FC = Fan cooling, OC = Oil cooling

Tube dimension - representative

Rated voltage / Frequency	ID / OD -mm				Location of Suction tube
	Dis.	Suc.	Pro.	Oil cooler	
115V 60Hz	6.5 / 8.3	8.1 / 10.0	6.5 / 8.3		Discharge tube side

Notes: All data covered by this catalogue are given as general information only.

Since we are constantly improving our products, as the specifications and availability are subject to change without notice