

Model NO. C-9RVN273H0U

CODE NO. 808 672 80

RATED SPECIFICATION

() : All units with parenthesis is reference Value.

CONTENT		UNIT		SPECIFICATION
COMPRESSOR MODEL (CODE)		—		C-9RVN273H0U(808 672 80)
TYPE		—		Hermetic Rotary Compressor
APPLICATION		—		High Back Pressure
RATED OUTPUT		W		2700
COMPRESSOR COOLING TYPE		—		Natural Cooling
POWER SOURCE		—		DC Inverter circuit
WEIGHT (Incl. Oil)		kg (lb)		26.8 (59.1)
REFRIGERANT		—		R410A
OIL TYPE		—		DAPHNE FV68S or Equivalent
OIL VOLUME		ml (fl.oz.)		1900 (64.239)
DISPLACEMENT		cm ³ (in ³ /rev)		41.6 (2.539)
COMPRESSOR REVOLUTION RANGE		rps		25～90
MOTOR	MOTOR TYPE	—		DC Brushless Motor
	NUMBER OF POLES	—		4
	ELECTRICAL INSULATION	Class		E
	WINDING RESISTANCE [at 25°C (77°F)]	T-R	Ω	0.571
		T-S		0.571
		R-S		0.571
ELECTRIC PARTS	THERMISTOR SENSOR			Discharge Temperature Sensor
	CRANKCASE HEATER			25W 200V
CONNECTION TUBE	SUCTION LINE (O.D.)	mm (inch)		19.10 (0.752)
	DISCHARGE LINE (O.D.)	mm (inch)		13.03 (0.513)

Notes

1.Motor characteristics measured by A.C Power Meter with DC inverter circuit.

2.It is requested that high and low pressures are nearly balanced at starting.

Please put 3-minutes delayed timer or the same kind of appliances into your units circuit,
and then confirm that it can start under balanced pressure condition.

3.*It is the average values for your reference.

●APPROVAL

This model is approved by CCC

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2. PERFORMANCE WARRANTY

2.1 PERFORMANCE (Under development data)

POWER SOURCE	DC Inverter circuit	
CAPACITY	W	13,400
	(BTU/h)	45,721
INPUT	W	4,380
CURRENT	A	7.69
COP	W/W	3.13
Conditions		
COMP. RECOLUTION	60 rps	
CONDENSING TEMP.	°C (°F)	54.4(130)
EVAPORATING TEMP.	°C (°F)	7.2(45)
SUCT. GAS TEMP.	°C (°F)	35(95)
LIQUID TEMP.	°C (°F)	46.1(115)
AMBIENT TEMP.	°C (°F)	35.0(95)
COMP.COOLING	Fan Cooling (5m/s)	

NOTES

The above nominal performance values shall be determined in compliance with measured PANASONIC calorimeter apparatus under above conditions at the rated voltage.

See Performance data sheet