



☰ HY131Y

Product Description:

HY131Y - HI TECH COMPRESSOR TECHNICAL SPECIFICATION

ELECTRICAL: 220 - 240V 50Hz	
Nominal Performance	
Capacity	380 Watt 1297 Btu/hr 327 Kcal/hr
Input Power	297 Watt
Rate current	2.30
COP (W/W)	1.28
Displ.(cm ³)	13.1
EER	4.37

Running Condition	
Ambient Temp	10~43°C
Evaporating Temp.	-35 ~ -15°C
Voltage Range	187 ~ 254V
Max. Condensing Temp.	65°C
Max. Winding Temp.	130°C
Max. Shell Temp.	95°C
Max. Discharge Temp.	125°C
Shell Min. Resistance To Pressure	25Bar

Testing Condition	
Test Condition	LBP



	ASHRAE
Evaporating Temp.	-23.3 °C
Ambient Temp.	32.2°C
Condensing Temp.	54.4°C
Suction Temp.	32.2°C
Sub cooling Temp.	32.2°C

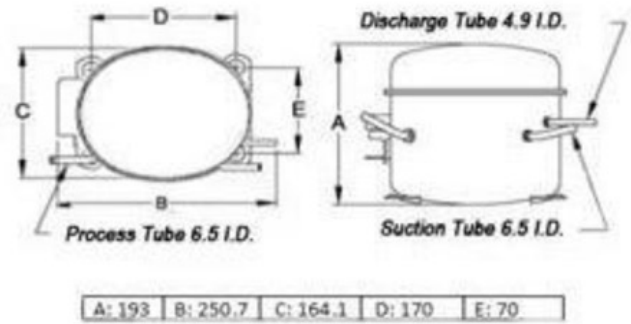
Compressor Type

Compressor Model	HY131Y
Rate Voltage/Frequency	220-240 50Hz
Refrigerant Type	R134a
Application	Low Back Pressure (LBP)
Cooling Method	Fan Cooling
Control device	Capillary Tube
Motor Type	CSIR
Capacitor	6 μ F 61 μ F (Start Capacitor)

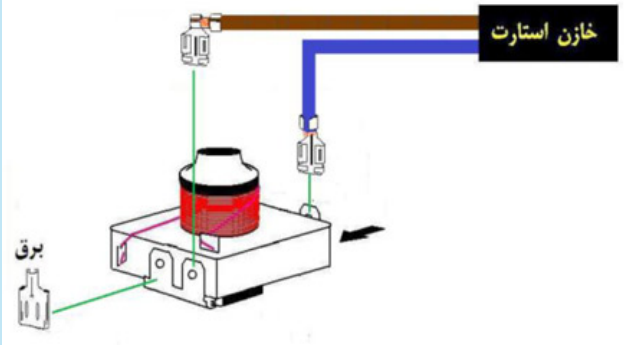
Compressor Mechanical Information

Oil Type	POE
Oil Charged	300± 15ml
Weight(With Oil Charge)	10.5 ±0.4 Kg
Diameter Of Suction Tube (I.D.)	6.5 mm
Diameter Of Discharge Tube (I.D.)	4.9 mm
Diameter Of Process Tube (I.D.)	6.5 mm
Material Of Suction Tube, Process Tube And Discharge Tube	Copper Tube

PRINCIPAL DIMENSIONS - mm



SCHEMATIC WIRING DIAGRAM CSR:



MOUNTING KIT

