

1. Application

A/C Type	Cooling & Heating A/C System
Refrigerant Type	R410A
Maximal Refrigerant Charged	7.72lbs Max
Power Source	Single Phase 208-230V 60Hz
Safety Approval	UL

2. Specification

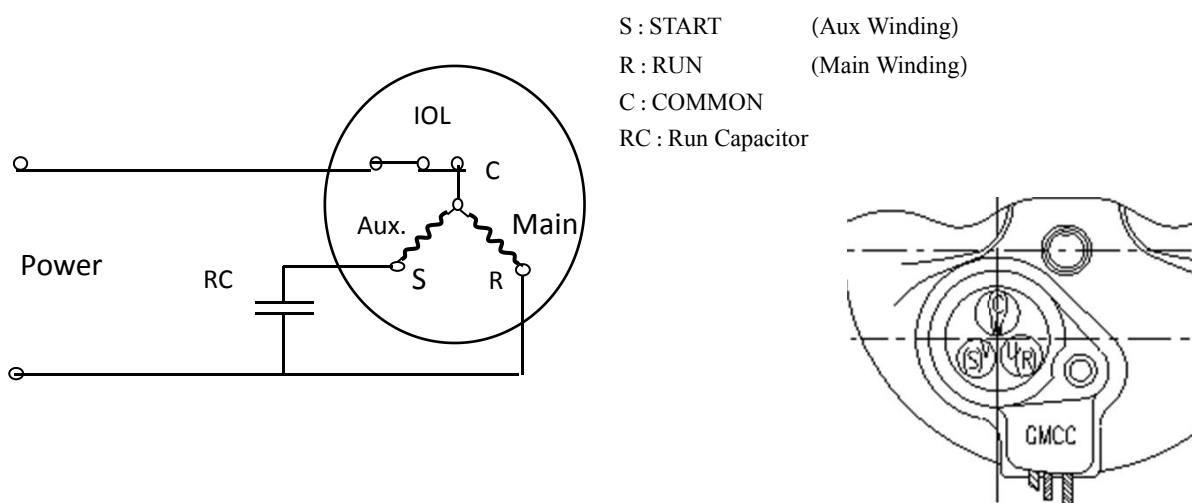
Compressor Type	Hermetic Motor Compressor
Displacement	13.03 in ³ /rev.
Oil Charged	VG75 · 37.19oz
Weight (Oil Included)	48.06lbs
I.D. of Discharge Pipe	0.39 ±0.0039in
I.D. of Suction Pipe	0.64 + 0.0079 in - 0.0039

3. Motor Specification

Motor Type	Single Phase Induction Motor· PSC
Pole Numbers	2 Poles
Insulation Grade	E Grade
Coil Resistance(at 68°F)	Main : 0.85±5%Ω Aux. : 1.87±5%Ω
Locked Rotor Amps	(at 1Φ-240-60Hz) 76±10% A
Running Capacitor	60/7.5 dual 440vac (included in this kit)

4. Rated Performance Parameters

Rated Capacity	34,070 BTU	
Rated Input Power	3290/3350	$\pm 3\%$ W
Rated Input Current	15.9/14.8	$\pm 3\%$ A
COP (*Remarks) %	302/298	
NOISE (Sound Power Level)	dB(A)	81 MAX
VIBRATION	m/s ²	20 MAX

5. Wire Connection Figure

6. Application Notice

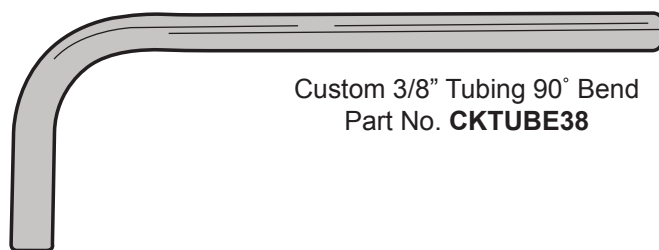
1. When designing the connection tube, the installer should consider the vibration stress at the compressors start and stop to ensure it doesn't get damaged.
2. Do not put a compressor on its side or turn it over. It must always remain standing upright.
3. Please install the compressor rapidly after removing the plugs.
4. When the amount of refrigerant charged in the air conditioner is over the max amount allowable, compressor specification should be discussed. (Install additional accumulator, oil heater, etc.)
5. Refrigerant must always be filled from the high side of the refrigeration system.
6. Avoid compressor running in reverse by connecting electrical wires correctly.
7. Do not allow electric cables or the like to touch compressor directly.

8. To avoid water droplets and dust into the compressor, moisture-proof or dust-proof measures must be taken.
9. For split type air conditioner, the maximum piping length should be 49.21ft, and elevation difference should be within 16.4ft.
10. Wear safety goggles when servicing the unit.

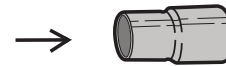
FOR USE WHEN REPLACING A SCROLL COMPRESSOR

For Compressor
ASQ330N1UMU
Kit **CKASQ330**

LIQUID LINE

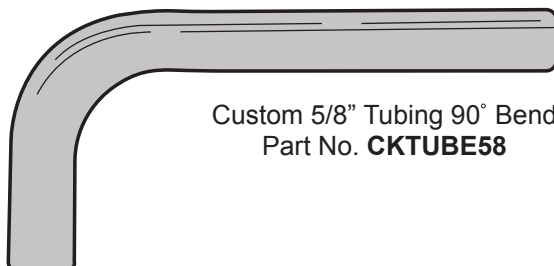


Custom 3/8" Tubing 90° Bend
Part No. **CKTUBE38**

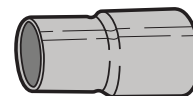


Reducer Coupling
1/2 x 3/8"
Part No. **W01019**

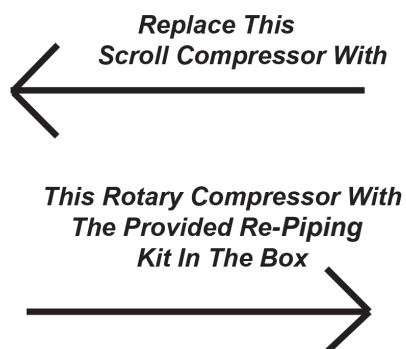
SUCTION LINE



Custom 5/8" Tubing 90° Bend
Part No. **CKTUBE58**



Reducer Coupling
7/8 x 5/8"
Part No. **W01036**



COMPRESSOR DRAWING

Part No: ASQ330N1UMU