

**1. Application**

A/C Type	Cooling & Heating A/C System
Refrigerant Type	R32/R410A
Maximal Refrigerant Charged	2.20lbs Max
Power Source	Single Phase 208V~230V 60Hz
Safety Approval	UL
Applicable Climate Type	T1

**2. Specification**

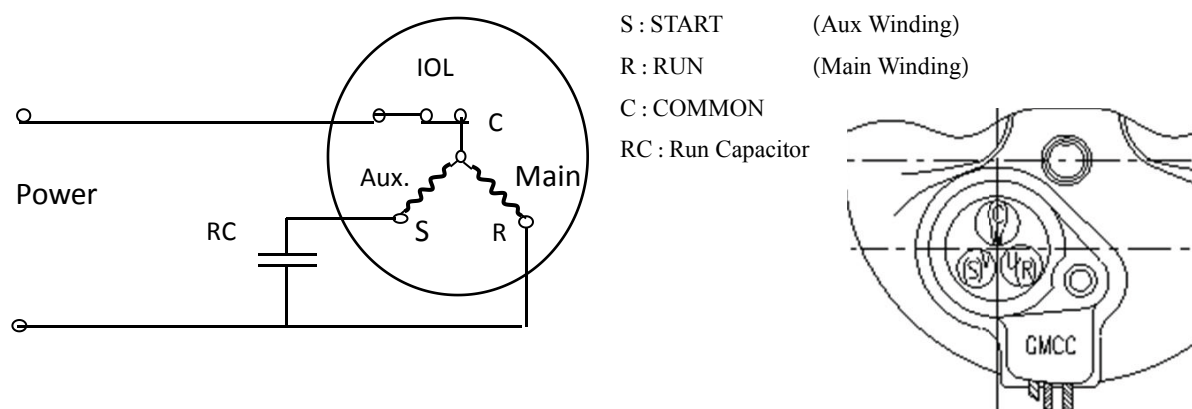
Compressor Type	Hermetic Motor Compressor
Displacement	8.24in <sup>3</sup> /rev.
Oil Charged	VG68 13.86 ±0.5oz
Weight (Oil Included)	37.92 ±6.61% lbs
Accumulator Effective volume	11.83oz

**3. Motor Specification**

Motor Type	Single Phase Induction Motor·PSC
Pole Numbers	2 Poles
Insulation Grade	B Grade
Coil Resistance(at 68°F)	Main: 1.37±5%Ω Aux.: 1.03±5%Ω
Locked Rotor Amps	(at 1φ-240V-50Hz) ±10% 55 A
Running Capacitor	60/7.5 dual 440vac (included in this kit)

**4. Rated Performance Parameters**

Rated Capacity	R32 > 27,228 BTU R410A > 25,574 BTU
Rated Input Power	1800/1840 $\pm 3\%$ W
Rated Input Current	8.75/8.10 $\pm 3\%$ A
COP(*Remarks) %	440/434
NOISE (Sound Power Level)	dB(A) 71 MAX
VIBRATION	m/s <sub>2</sub> 11 MAX

**5. Wire Connection Figure**

**8. Application Notice**

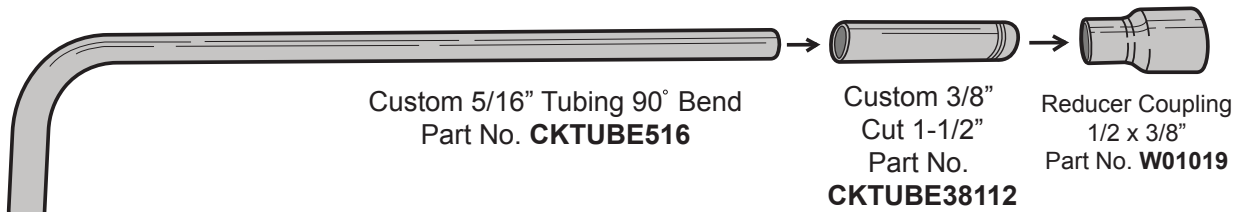
- When designing the connection tube, the installer should consider the vibration stress at the compressors start and stop to ensure it doesn't get damaged.
- Do not put a compressor on its side or turn it over. It must always remain standing upright.
- Please install the compressor rapidly after removing the plugs.
- 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.)
- Refrigerant must always be filled from the high side of the refrigeration system.
- Avoid compressor running in reverse by connecting electrical wires correctly.
- Do not allow electric cables or the like to touch compressor directly.
- To avoid water droplets and dust into the compressor, moisture-proof or dust-proof measures must be taken.
- For split type air conditioner, the maximum piping length should be 49.21ft, and elevation difference should be within 16.4ft.
- Wear safety goggles when servicing the unit.

11. Do not remove the terminal cover when welding the discharge pipe and a heat shield is required to protect the terminal cover from the impact of welding heat.

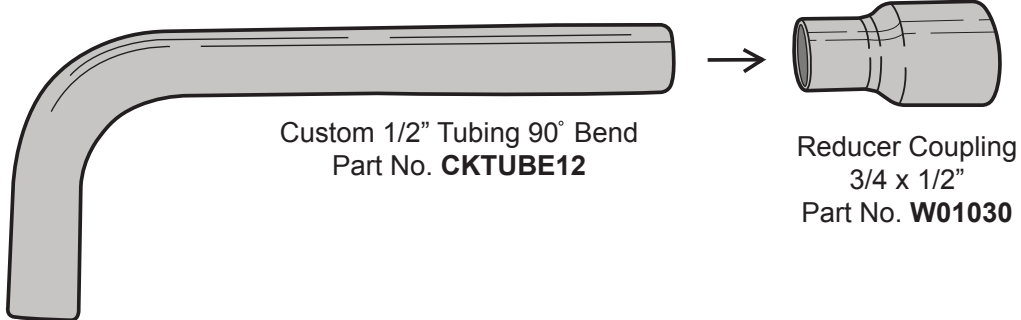
**FOR USE WHEN REPLACING A SCROLL COMPRESSOR**

For Compressor  
**KSF210N1VETB3**  
Kit **CKKSF210**

**LIQUID LINE**



**SUCTION LINE**



*Replace This  
Scroll Compressor With*

*This Rotary Compressor With  
The Provided Re-Piping  
Kit In The Box*



