



RE-480A/B Screw Compressor

RE-A for Water-cooled in R134a refrigerant.

RE-B for Air-cooled & Heat-pump in R134a refrigerant.

Specifications



Compressor	Displacement	341 (CFM @ 60 HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	108 HP (A Compressor / 146 HP (B Compressor) @ 60 HZ
	Capacity Control	25%, 50% 75% & 100% Step Capacity Control, 25%~100% Continuous Stepless Capacity Controls
	Lubrication	Differential Pressure Feed Lubricant
Motor	Type	3 phase, 2 pole, squirrel cage, induction motor
	Starting	Y-Delta, DOL, PSW (Optional)
	Voltage	220V A&B, 460V B
Lubricant Charge	Gallons	4.5
Oil Heater	Watts	300W
Weight	Pounds	1389

Standard Compressors Accessories

- Discharge Flange
- Discharge Horizontal Check Valve
- Discharge Stop Valve
- Discharge Temperature Sensor
- INT69 HBY Motor Protector
- IP54 Terminal Box
- Motor Temperature Sensor
- Oil Filter (if internal oil separator)
- Oil Heater (if internal oil separator)
- Optical Oil Switch (if internal oil separator)
- Suction Filter
- Suction Flange
- Suction Stop Valve

Ports

- External Oil Cooler
- Liquid Injection (into screw chamber)
- Economizer



Connections

Discharge Stop Valve	2 1/2"					
Discharge Check Valve	2 1/2"					
Suction Stop Valve	4"					
Economizer	1 1/8" solder					
Liquid Injection (chamber)	1/4" flare					
		A	B	C	D	E
Discharge Side	Copper Pipe Sizing 2 5/8"	2.36"	4.33"	1.38"	2.64"	3.03"
Suction Side	Copper Pipe Sizing 4 1/8"	2.99"	5.71"	1.97"	4.14"	4.57"

R134a Refrigerant

MCC & LRA

MODEL	Hertz	Volts	Maximum Continuous Current	Y-Δ		Part Wind Start	
				Locked Rotor Amps (Y)	Locked Rotor Amps (D)	Locked Rotor Amps (D)	Locked Rotor Amps (DD)
RE-480A	60	220	410	525	1575	1071	1575
	60	460	196	275	825	561	825
RE-480B	60	460	245	420	1260	857	1260