



RE-340A/B Screw Compressor

RE-A for Water-cooled in R134a refrigerant.

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

Specifications



Compressor	Displacement	249 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	81 HP (A Compressor) - 108 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, 460V
Lubricant Charge	Gallons	4.2
Oil Heater	Watts	300W
Weight	Pounds	1212

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	7/8" solder					
Liquid Injection (chamber)	1/4" flare					
Discharge Side	Copper Pipe Sizing 2 5/8"	A	B	C	D	E
Suction Side	Copper Pipe Sizing 4 1/8"	2.36"	4.33"	1.38"	2.64"	3.30"
		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-340A	60	220	290	375	1125	765	1125
	60	460	139	208	625	425	625
RE-340B	60	220	359	600	1800	1224	1800
	60	460	172	317	950	646	950