



RE-300A/B Screw Compressor

RE-A for Water-cooled in R134a refrigerant.

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

Specifications



Compressor	Displacement	218 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	69 HP (A Compressor - 97 HP (B Compressor @ 60Hz
	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	1056

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"						
Discharge Check Valve	2"						
Suction Stop Valve	3"						
Economizer	7/8" solder						
Liquid Injection (chamber)	1/4" flare	A	B	C	D	E	
Discharge Side	Copper Pipe Sizing 2 1/8"	1.97"	3.54"	1.18	2.14"	2.56"	
Suction Side	Copper Pipe Sizing 3 1/8"	2.60"	4.72"	1.77"	3.14"	3.54"	

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-300A	60	220	251	310	930	605	930
	60	460	120	162	485	315	485
RE-300B	60	220	310	510	1530	1040	1530
	60	460	148	268	805	547	805