



## RE-230A/B Screw Compressor

*RE-A for Water-cooled in R134a refrigerant.*

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

### Specifications



Compressor	Displacement	165 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	56HP (A Compressor) - 76HP (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	3.7
Oil Heater	Watts	300W
Weight	Pounds	838

### 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	5/8" 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-230A	60	220	190	240	720	436	720
	60	460	91	127	380	230	380
RE-230B	60	220	238	347	1040	676	1040
	60	460	114	182	545	354	545



## RE-260A/B Screw Compressor

*RE-A for Water-cooled in R134a refrigerant.*

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

### Specifications



Compressor	Displacement	188 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	63HP (A Compressor) - 82hp (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	970

### 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-260A	60	220	220	253	760	494	760
		60	460	105	140	420	273	420
	RE-260B	60	220	267	407	1220	830	1220
		60	460	128	218	655	445	655



## 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



## 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						
		A	B	C	D	E	
Discharge Side	Copper Pipe Sizing 2 5/8"	2.36"	4.33"	1.38"	2.64"	3.30"	
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-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



## RE-380A/B Screw Compressor

*RE-A for Water-cooled in R134a refrigerant.*

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

### Specifications



Compressor	Displacement	277 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	90HP (A Compressor) - 123 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	1257

### 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-380A	60	220	320	436	1310	891	1310
	60	460	153	230	690	469	690
RE-380B	60	220	405	583	1750	1190	1750
	60	460	194	337	1010	687	1010



## RE-420A/B Screw Compressor

*RE-A for Water-cooled in R134a refrigerant.*

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

### Specifications



Compressor	Displacement	295 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	96 HP (A Compressor) / 132 HP ( B Compressor)
	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	4.2
Oil Heater	Watts	300W
Weight	Pounds	1323

### 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					
		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)
RE420A	60	220	367	465	1395	949	1395
	60	460	176	243	730	496	730
RE420B	60	460	219	398	1180	802	1180





## 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					
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"	3.03"
		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



## RE-550A/B Screw Compressor

**RE-A for Water-cooled in R134a refrigerant.**

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

### Specifications



Compressor	Displacement	392 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	132 HP (A Compressor) / 166 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	5
Oil Heater	Watts	300W
Weight	Pounds	1477

### 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	3"					
Discharge Check Valve	3"					
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 3 1/8"	2.60"	4.72"	1.77"	3.14"	3.54"
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 550A	60	220	463	583	1750	1190	1750
	60	460	222	337	1010	687	1010
RE-550B	60	460	276	470	1410	959	1410





## RE-620A/B Screw Compressor

*RE-A for Water-cooled in R134a refrigerant.*

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

### Specifications



CompressorCompressor	Displacement	443 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	146HP (A Compressor) / 197HP (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
	Voltage	460V
Lubricant Charge	Gallons	6.1
Oil Heater	Watts	300W
Weight	Pounds	1918

### 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	3"					
Discharge Check Valve	3"					
Suction Stop Valve	5"					
Economizer	1 1/8" solder					
Liquid Injection (chamber)	1/4" flare					
		A	B	C	D	E
Discharge Side	Copper Pipe Sizing 3 1/8"	2.60"	4.72"	1.77"	3.14"	3.54"
Suction Side	Copper Pipe Sizing 5 1/8"	2.95"	6.85"	1.38"	5.14"	5.77"

### R134a Refrigerant

### MCC & LRA

MODEL	Hertz	Volts	Maximum Continuous Current	Y-Δ	
				Locked Rotor Amps (Y)	Locked Rotor Amps (D)
RE 620A	60	460	264	300	900
RE-620B	60	460	323	508	1525



## RE-710A/B Screw Compressor

*RE-A for Water-cooled in R134a refrigerant.*

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

### Specifications



Compressor	Displacement	504 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	166 HP (A Compressor) / 214 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
	Voltage	460V
Lubricant Charge	Gallons	6.9
Oil Heater	Watts	300W
Weight	Pounds	2028

### 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	4"					
Discharge Check Valve	4"					
Suction Stop Valve	5"					
Economizer	1 1/8" solder					
Liquid Injection (chamber)	1/4" flare					
		A	B	C	D	E
Discharge Side	Copper Pipe Sizing 4 1/8"	2.99"	5.71"	1.97"	4.14"	4.53"
Suction Side	Copper Pipe Sizing 5 1/8"	2.95"	6.85"	1.38"	5.13"	5.77"

### R134a Refrigerant

### MCC & LRA

MODEL	Hertz	Volts	Maximum Continuous Current	Y-Δ	
				Locked Rotor Amps (Y)	Locked Rotor Amps (D)
RE710A	60	460	295	358	1075
RE710B	60	460	372	578	1735



## RE-820A/B Screw Compressor

*RE-A for Water-cooled in R134a refrigerant.*

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

### Specifications



Compressor	Displacement	581 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	197 HP (A Compressor) / 233 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
	Voltage	460V
Lubricant Charge	Gallons	7.4
Oil Heater	Watts	300W
Weight	Pounds	2315

### 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	4"				
Discharge Check Valve	4"				
Suction Stop Valve	5"				
Economizer	1 3/8" solder				
Liquid Injection (chamber)	1/4" flare				
		A	B	C	D
Discharge Side	Copper Pipe Sizing 4 1/8"	2.99"	5.71"	1.97"	4.14"
Suction Side	Copper Pipe Sizing 5 1/8"	2.95"	6.85"	1.38"	5.13"

### R134a Refrigerant

### MCC & LRA

MODEL	Hertz	Volts	Maximum Continuous Current	Y-Δ	
				Locked Rotor Amps (Y)	Locked Rotor Amps (D)
RE820A	60	460	336	448	1345
RE820B	60	460	421	588	1765



## RE-920A/B Screw Compressor

*RE-A for Water-cooled in R134a refrigerant.*

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

### Specifications



Compressor	Displacement	654 (CFM @ 60HZ)
	Rated Speed	3550 (RPM @ 60 HZ)
	Volume Ratio	2.6 standard (other Vi available)
	Nominal HP	214 HP (A Compressor) / 258 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
	Voltage	460V
Lubricant Charge	Gallons	7.4
Oil Heater	Watts	300W
Weight	Pounds	2502

### 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	4"					
Discharge Check Valve	4"					
Suction Stop Valve	5"					
Economizer	1 3/8" solder					
Liquid Injection (chamber)	1/4" flare					
		A	B	C	D	E
Discharge Side	Copper Pipe Sizing 4 1/8"	2.99"	5.71"	1.97"	4.14"	4.53"
Suction Side	Copper Pipe Sizing 5 1/8"	2.95"	6.85"	1.38"	5.13"	5.77"

### R134a Refrigerant

### MCC & LRA

MODEL	Hertz	Volts	Maximum Continuous Current	Y-Δ	
				Locked Rotor Amps (Y)	Locked Rotor Amps (D)
RE920A	60	460	385	508	1525
RE920B	60	460	461	698	2095