



RC2-620B Screw Compressor

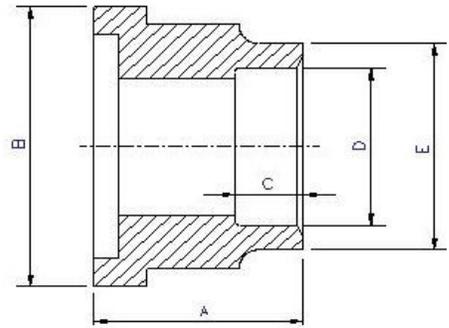
Specifications		Displacement	CFM	60 Hz	438
Compressor	Rated Speed	Rpm	60 Hz	3550	
	Volume Ratio	Vi	2.6 (standard other Vi available)		
	Capacity Control	%	35%,50%,75% & 100% Step Capacity Control, 50%~100% Continuous Stepless Capacity Controls		
	Lubrication	Differential Pressure Feed Lubricant			
Motor	Type	3 Phase, 2 Pole, Squirrel Cage, Induction Motor			
	Insulation	Class F			
	Protection	3 PTC Protection 1 per winding			
Lubricant Charge	Gallons	6.1			
Oil Heater	Watts	300			
Hydrostatic Pressure test	lb/in ² G	597			
Weight	Pounds	1940			
Crated Weight	Pounds	2749			
Crate Dimensions	Inches	76x35x39			

Standard Compressors Accessories

- Modulating Slide Capacity
- Weather Proof Terminal Box for outdoor applications
- 115/1/60 Control Voltage
- 115/1/60 Crankcase heater
- Horizontal Discharge Check Valve
- Discharge Service Valve (Discharge Stop Valve) with standard connection sizes and supplied with flanges and bushings
- Suction Service Valve (Suction Stop Valves) with standard connection sizes and supplied with flanges and bushings
- Oil Level Float Switch
- Suction Filter
- Oil Filter
- PSI Relief Valve
- Oil Sight Glass
- PT1000 for Reading Motor Temp
- INT69HBY supporting motor and discharge (PTC) temperature sensor protection as well as Phase Loss and Phase Reversal at Start Up Only

Ports

- External Oil Cooler
- Liquid Injection (into screw chamber)
- Economizer
- Suction, Discharge & Oil Service



Connections			A	B	C	D	E
	Discharge Stop Valve	3"					
Horizontal Discharge Check Valve	3"						
Suction Stop Valve	5"						
Economizer	1 1/8" solder						
Liquid Injection (chamber)	5/8" flare						
Discharge Side	Copper Pipe Sizing 3 1/8"	2.59"	4.72"	1.77"	3.14"	3.54"	
Suction Side	Copper Pipe Sizing 5 1/8"	2.95"	6.85"	1.38"	5.13"	5.77"	

MCC & LRA

R22, R407C, R404A, R507A, R134a

Hertz	Volts	Maximum Continuous Current	Y-Δ	
			Locked Rotor Amps (Y)	Locked Rotor Amps (D)
60	460	391	527	1580