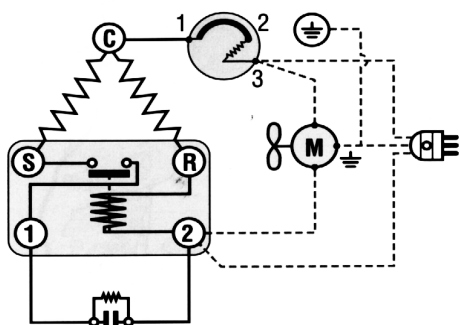


Wiring Diagram



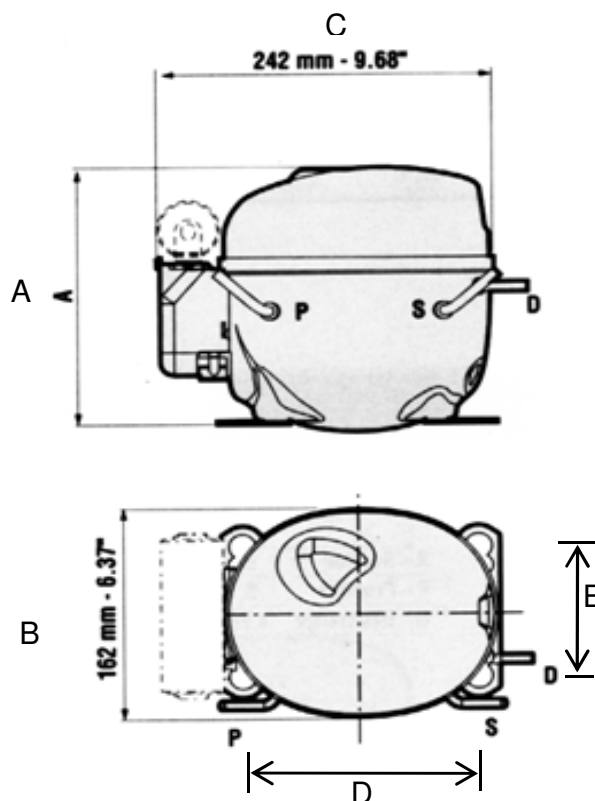
Compressor Terminals

- C = Common
- R = Run
- S = Start

Electrical components are supplied unassembled. Use of components other than specified will void warranty.

Dimensions (inches)

A: 7.4" B: 6.37" C: 9.68" D: 6.5" E: 4"



Tube Diameter

ID	Inch	MM
process	.240	6.1
suction	.319	8.1
discharge	.240	6.1

Technical Specifications

Rev 10/12

Mechanical Data	English	Metric	Electrical Data	
Bore	1.04 in	26.5 mm	motor: 2 pole - 1 phase	CSIR
Stroke	.52 in	13.2 mm	voltage	208-230 v
Displacement	.444 cu. In	7.28 cc	voltage range	187-253 v
Speed	3,500 rpm	3,500 rpm	run winding resistance at 25°C	4.3 Ω
Weight	22.93 lb	10.4 kg	start winding resistance at 25°C	20.7 Ω
Oil Charge	11.84 oz.	350 ml	locked rotor current	N/A

Compressor Cooling:

Fan cooled by forced draft over shell with 6 watt minimum fan.

Restrictor:

Expansion valve or capillary tube

capacitor:

capacitance
voltage

64-77 mfd
330v

embraco	NEK6181GK	MBP-HBP	208-230	404A
Specifications Approximate H. P. 1/3+ Starting Torque High Refrigerant 404A Evaporator Temperature Med-High Evaporator Temperature -4° to 50°F			Usage Drinking Water Coolers Dehumidifiers Ice Machines Reach In Refrigerators Beer Coolers	

HBP Performance-208v					
Temperature °F	14	23	32	45	50
Capacity BTU/Hr	2,296	2,787	3,386	4,404	4,852
Power W	460	508	555	624	648
Current Amps	2.88	3.08	3.29	3.60	3.71
Temperature °C	-10	-5	0	7.2	10
Capacity Kcal/Hr	579	702	853	1,110	1,223

LBP Rating		Rating Point (Bolded above)	HBP Rating	
Condensing	130°F		Condensing	130°F
Evaporator	-10°F		Evaporator	45°F
Return Gas	90°F		Return Gas	95°F
Ambient	90°F		Ambient	95°F
Liquid Temp.	90°F		Liquid Temp.	115°F

Material	Part number	Description	Compressor Cross Ref.
Compressor	957MD71		Model Appl. AEA9422ZXD MBP, HST
Relay	2271110		
Overload	2324009		
Start Cap	2252325	64-77 mfd / 330v	
Grommet	2221003		
Sleeve	2222015		

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