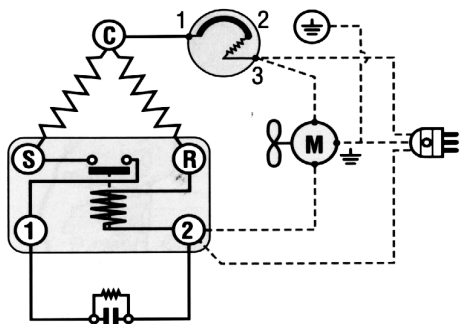


Wiring Diagram



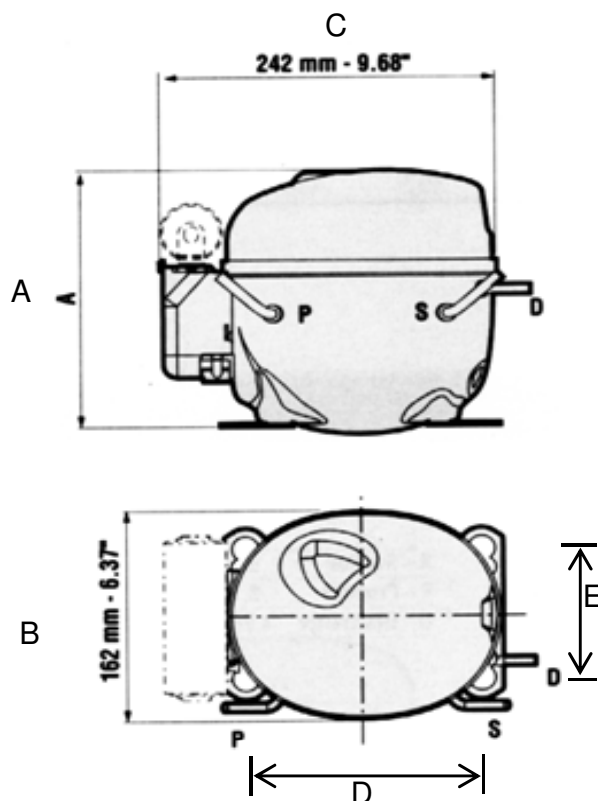
Compressor Terminals

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

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

Dimensions (inches)

A: 8.15" B: 6.37" C: 9.68" D: 6.5" E: 4"



Tube Diameter

ID	Inch	MM
process	.254	6.45
suction	.316	8.03
discharge	.254	6.45

Technical Specifications

Rev 04/2013

Mechanical Data	English	Metric	Electrical Data	
Bore	1.04 in	26.5 mm	motor: 2 pole - 1 phase	CSIR
Stroke	.63 in	15.92 mm	voltage	208-230
Displacement	.535 cu. In	8.77 cc	voltage range	187-244V
Speed	3,500 rpm	3,500 rpm	run winding resistance at 25° C	3.05 Ω
Weight	25.35 lb	11.5 kg	start winding resistance at 25° C	20.26 Ω
Oil Charge	11.84 oz.	350 ml	locked rotor current	23 amps

Compressor Cooling:


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

Restrictor:

Expansion valve or capillary tube

Capacitor:

Start Cap	53-64 mfd	330V
Run Cap		N/A

	NEK6210GK	MBP-HBP	208-230	404A
Specifications Approximate H. P. 1/2 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	2,707	3,315	4,021	5,254	5,734
Power W	549	602	657	735	770
Current Amps	3.63	3.87	4.11	4.50	4.64
Temperature °C	-10	-5	0	7.2	10
Capacity Kcal/Hr	682	835	1,013	1,324	1,445

LBP Rating	ASHRAE	Rating Point (Bolded above)	HBP Rating	ASHRAE
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	959ID92	NEK6210GK	Model	Appl.
Relay	2271127	MTRPH-58-31		
Overload	2324105	TO918/J5		
Start Cap	2252372	53-64 mfd / 330V		
Grommet	2221003			
Sleeve	2222015			

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