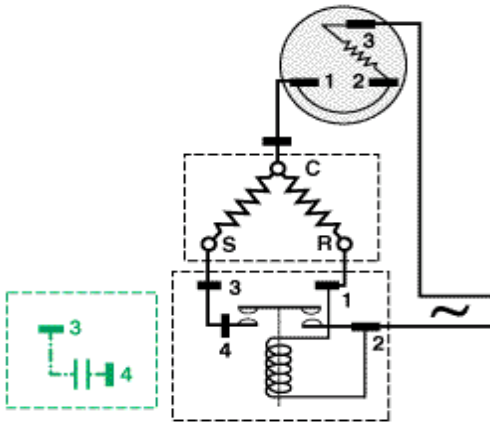


Wiring Diagram



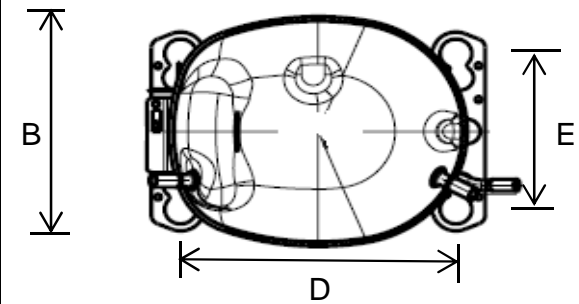
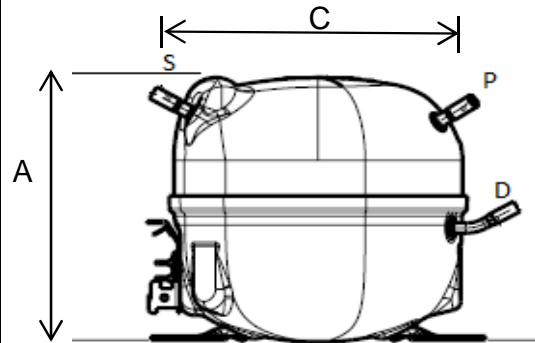
Compressor Terminals

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

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

Dimensions (inches)

A:6.18" B:5.91" C:7.05" D:6.5" E:4.0"




Tube Diameter

ID	Inch	MM
Process	.255-1/4	6.5
Suction	.255-1/4	6.5
Discharge	.194-3/16	4.94

Technical Specifications

Rev 12-2017

Mechanical Data	English	Metric	Electrical Data	
			Start cap	Run cap
Bore	0.75 in	19 mm	Motor:	CSIR
Stroke	0.42 in	10.6 mm	Voltage	115V / 60 Hz
Displacement	0.183 cu in	3 cc	Voltage range	103-140V
Speed	3,500 rpm	3,500 rpm	Run winding resistance at 25° C	6.55 Ω
Weight	14.93 lb	6.8 kg	Start winding resistance at 25° C	14.15 Ω
Oil Charge	5.41 oz.	160 ml	Locked rotor current	16 amps
Oil type	POE	ISO22	FLA: L/MBP-60Hz	2.23 amps
Compressor Cooling: Static. Fan Cooled by forced draft over shell with 6 watt minimum fan.				
Restrictor: Capillary Tube			Capacitor: Start cap 88-108 mfd 220V Run cap N/A N/A	

	EMIS30HHR1	LBP-MBP-HBP	115V	134a
Specifications Approximate H. P. 1/10 Starting Torque Normal Refrigerant 134a Evaporator Temperature Low/Med/High Evaporator Temperature -31° to 59°F			Usage Drinking Water Coolers Dehumidifiers Ice Machines Reach In Refrigerators Beer Coolers	

LBP Performance					
Temperature °F	-22	-10	5	14	32
Capacity BTU/Hr	182	340	485	633	1,016
Power W	70	91	106	120	149
Current Amps	1.3	1.37	1.45	1.53	1.71
Temperature °C	-30	-23.3	-15	-10	0
Capacity Kcal/Hr	46	86	122	159	256
HBP Performance					
Temperature °F	14	23	32	20	50
Capacity BTU/Hr	633	809	1,016	746	1,538
Power W	120	134	149	129	178
Current Amps	1.53	1.62	1.71	1.59	1.93
Temperature °C	-10	-5	0	-6.7	10
Capacity Kcal/Hr	159	204	256	188	388
LBP Rating	ASHRAE	Rating Point (bolded above)	MBP Rating	ASHRAE	
Condensing	130°F		Condensing	130°F	
Evaporator	-10°F		Evaporator	20°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	513305020	EMIS30HHR1	Model	Appl.
Relay	513515003-ESP	Current relay		
Overload	513554064-ESP	MRA 58130-5590		
Start cap	513556549-ESP	88-108 mfd / 220V		
Grommet	2221003			
Sleeve	2222015			

EMBRACO NORTH AMERICA, INC.
1610 Satellite Blvd. Suite B, Duluth Ga, 30097 Phone: 678-805-3074