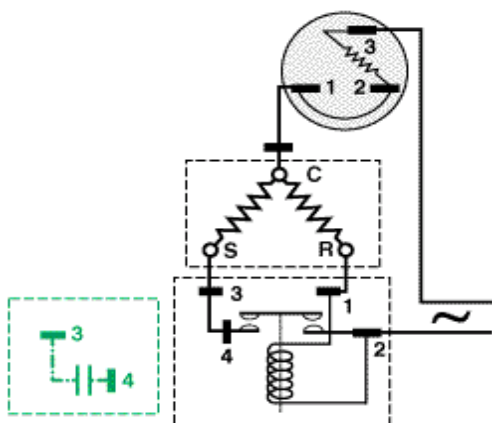


embraco
EMI60HER1
LBP
115 V
134a
Wiring Diagram

Compressor Terminals

C = Common

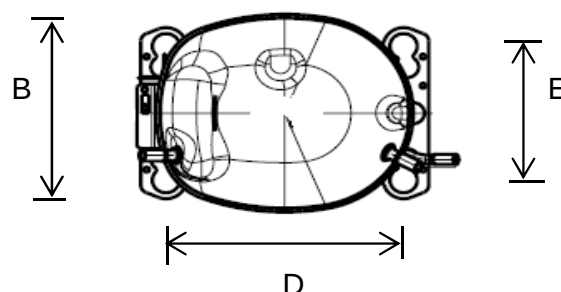
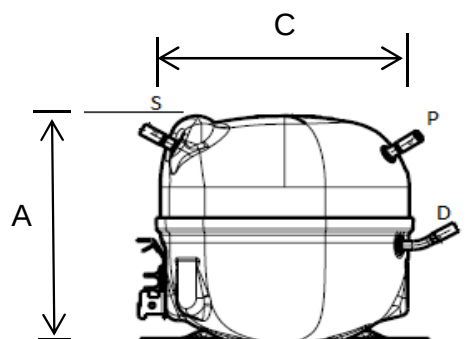
R = Run

S = Start

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

Dimensions (inches)

A:6.61" B:5.91" C:7.05" D:6.5" E:4"


Tube Diameter

ID	Inch	MM
Process	.256-1/4	6.5
Suction	.256-1/4	6.5
Discharge	.256-1/4	6.5

Technical Specifications

Rev 12-2017

Mechanical Data	English	Metric	Electrical Data	
Bore	0.83 in	21 mm	Motor:	RSIR
Stroke	0.57 in	14.4 mm	Voltage	115V / 60 Hz
Displacement	0.305 cu in	4.99 cc	Voltage range	98-140V
Speed	3,500 rpm	3,500 rpm	Run winding resistance at 25° C	3.4 Ω
Weight	16.93 lb	7.68 kg	Start winding resistance at 25° C	9.4 Ω
Oil Charge	5.41 oz.	160 ml	Locked rotor current	20.9 amps
Oil type	POE	ISO22	FLA: L/MBP-60Hz	2.45 amps
Compressor Cooling: Static. Fan Cooled by forced draft over shell with 6 watt minimum fan.			Capacitor: Start cap N/A N/A Run Cap N/A N/A	
Restrictor: Capillary Tube				

embraco	EMI60HER1	LBP	115 V	134a
Specifications			Usage	
Approximate H. P.	1/6		Drinking Water Coolers	
Starting Torque	Normal		Dehumidifiers	
Refrigerant	134a		Ice Machines	
Evaporator Temperature	Low		Reach In Refrigerators	
Evaporator Temperature	-31° to 14°F		Beer Coolers	

LBP Performance					
Temperature °F	-31	-22	-10	5	14
Capacity BTU/Hr	238	356	570	902	1,144
Power Consumption W	94	110	136	166	186
Current Amps	1.66	1.74	1.93	2.06	2.19
Temperature °C	-35	-30	-23.3	-15	-10
Capacity Kcal/Hr	60	90	144	227	288
LBP Rating	ASHRAE	Rating Point (bolded above)	HBP Rating	ASHRAE	
Condensing	130°F		Condensing	N/A	
Evaporator	-10°F		Evaporator	N/A	
Return Gas	90°F		Return Gas	N/A	
Ambient	90°F		Ambient	N/A	
Liquid Temp.	90°F		Liquid Temp.	N/A	

Material	Part number	Description	Compressor Cross Ref.	
Compressor	513307987	EMI60HER1	Model	Appl.
Relay	513514083-ESP	Current relay		
Overload	513504690-ESP	4TM 762KFBYY-53		
Grommet	2221003			
Sleeve	2222015			

EMBRACO NORTH AMERICA, INC.

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