



The diagram shows a Wheatstone bridge circuit. A power source (battery) is connected to a variable resistor R and a fixed resistor S . A galvanometer G is connected between the junction of R and S and the junction of a standard cell and a rheostat. A switch C is connected between the junction of R and S and the junction of the standard cell and the rheostat. The standard cell and the rheostat are connected in series.

C = Common
R = Run
S = Start

	<u>ID (in)</u>	<u>OD (in)</u>	<u>ID (mm)</u>	<u>OD (mm)</u>
Suction	1/4	2/5	6.500	10.564
Discharge	1/5	2/7	4.940	7.480
Process	1/4	1/3	6.500	9.040

	English		Metric	
Bore	0.9	in	22.5	mm
Stroke	0.5	in	13	mm
Displacement	0.32	in ³	5.17	cc
Speed	N/A	rpm		
Weight (with oil)	10.7	lbs	23.63	kg
Oil Charge	7.78	oz	230	ml
Oil Type	ESTER / ISO10			

Static Cooling

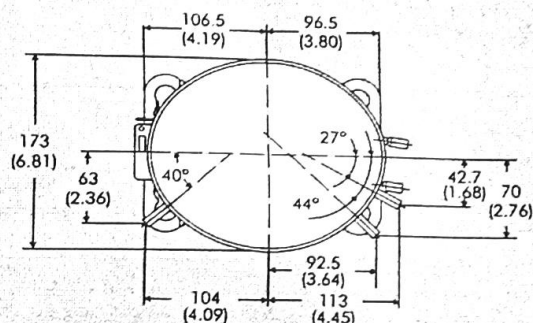
Tube Placement and Material

Suction	Straight/Cooper
Discharge	Straight/Cooper
Process	Straight/Cooper
Oil Cooler	No

Housing Type	EGSL3,5
Rod Material	NI

Technical drawing of a transformer showing dimensions and connection points. The drawing includes the following labels and dimensions:

- Process Connector**: Located on the left side of the transformer.
- Suction Connector**: Located on the right side of the transformer.
- Discharge Connector**: Located on the right side of the transformer, below the suction connector.
- Earthing Terminal**: Located at the bottom center of the transformer.
- Oilcooler Tube**: Located at the bottom right of the transformer.
- Dimensions**:
 - Top width: 203.8 (8.02)
 - Left side height: E (total), D (to top of tank)
 - Right side height: A (total), B (to top of tank)
 - Bottom right offset: 34 (1.34)
 - Internal vertical dimension on the left: C



Rev	11/01/11
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Single Phase		
Voltage	115-127	V
Frequency	60	Hz
Voltage Range	98 to 140	V
Run Winding Resist at 77 F	5.10	Ω
Start Winding Resist at 77 F	5.70	Ω
Locked Rotor Current	9.3	A

Starting Device Type	TSD- 115V/TSD2-115V
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Start Capacitor:

Capacitance	N/A	μF
Voltage	N/A	V

Run Capacitor:

Capacitance	12(180)	uF
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**W10466675**

115-127V

BR

Application

Starting Torque LST
Refrigerant R-134a
Evap Temp Rating LBP
Evap Temp Range -31 °F to 14 °F
Commercial Designation 1/5

Controlled ASHRAE Conditions

Usage

Refrigerators
Freezers
Drinking fountains

TEST CONDITIONS:

@115V60Hz

ASHRAELBP32

Static

Evaporating temperature
(Condensing temperature

-23.3°C (-9.94°F)
54.4°C (129.92°F))

Cooling capacity			Power consumption	Current consumption	Gas flow rate	EFFICIENCY RATE		
+/- 5%			+/- 5%	+/- 5%	+/- 5%	+/- 7%		
[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
617	155	181	101	0.89	3.51	6.11	1.54	1.79

TEST CONDITIONS:

@115V60Hz

ASHRAE32

Static

(Condensing temperature 65°C (+149°F))

Evaporating temperature		Cooling capacity			Power consumption	Current consumption	Gas flow rate	EFFICIENCY RATE		
		+/- 5%			+/- 5%	+/- 5%	+/- 5%	+/- 7%		
°C	(°F)	[Btu/h]	[kcal/h]	[W]	[W]	[A]	[kg/h]	[Btu/Wh]	[kcal/Wh]	[W/W]
-35	(-31)	109	27	32	45	0.45	0.61	2.57	0.65	0.75
-30	(-22)	265	67	78	66	0.62	1.50	3.90	0.98	1.14
-25	(-13)	447	113	131	89	0.81	2.54	4.97	1.25	1.46
-20	(-4)	659	166	193	113	1.01	3.75	5.85	1.48	1.72
-15	(+5)	906	228	266	138	1.22	5.17	6.62	1.67	1.94
-10	(+14)	1192	300	349	163	1.43	6.83	7.35	1.85	2.15

BILL OF MATERIAL

Material - Description

Number

Cross Reference

MODEL BTUH HP BASE

Compressor EGD60HLC 513703061

Grommet 13146500

Top Cover 14051676

Package Level 114050001

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This specification sheet is generic for this model. Other bills of material may have slightly different information or specs.