

Compressor

LBP

R-134a

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-134a	50HZ	229	781	

(*) Operating conditions ARI 520-90 : Dew / T°Cond. 120°F / T°Evap -10°F / T°Return gas temp. 40°F / T°Subcooling 0°F



*Non-contractual picture

Dimensions

Weight	9.7 kg (21 lb)
Length	198 mm (7.8 in)
Width	161 mm (6.3 in)
Height	207 mm (8.2 in)
Ø Suction Tube	5/16 in (7.93mm)
Ø Discharge Tube	1/4 in (6.35mm)

Certificates



General

Compressor Type	Reciprocating
Displacement (cc)	9.39
Horse Power	1/5
Compressor Cooling	Fan
Evaporating Temp. Range	-40°C to -10°C (-40°F to 14°F)
Expansion Device	Capil. Tube/Expans. Valve
Oil Type	P.O.E 32
Oil Charge (cc)	265

Electrical

Motor Type	CSIR
Main Winding (Ohm)	12.33
Start Winding (Ohm)	14.44
Current RLA 50Hz (A)	1.4
Current LRA (A)	9
Start Capacitor	64-77 µF / 330 V
Overload	MRA58200-5587
- Time Check	6.5s - 16s / 6.5 A
- Open Temp / Close Temp	135 °C / 52 °C
Current Relay	RP3838
- Pick Up / Drop Out	4.8 A / 4.1 A

Note : Tecumseh reserves the right to change information contained in this document without notification.

Performances are given at rating conditions ARI 520-90
Conditions DEW

Return gas temp. : 40 °F
Subcooling : 0 °F

50HZ R-134a

Condensing	Evaporating	(°F)	-30	-20	-10	0	10
105	Refrig. Capacity	(Btu/h)	459	669	913	1175	1441
	Power Input	(W)	143	170	198	225	249
	Amps	(A)	1.22	1.29	1.37	1.45	1.53
120	Refrig. Capacity	(Btu/h)	385	562	781	1026	1283
	Power Input	(W)	142	169	202	236	270
	Amps	(A)	1.22	1.28	1.37	1.48	1.6
140	Refrig. Capacity	(Btu/h)	313	442	627	850	1095
	Power Input	(W)	143	170	205	247	291
	Amps	(A)	1.22	1.27	1.37	1.51	1.68

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