



tecumseh

AE2415U-FZ1A

220 - 240V 1~ 50 Hz

Compressor

LBP

R-290

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-290	50HZ	212	722	

(*) Operating conditions EN12900 : Dew / T°Cond. 40°C / T°Evap -35°C / T°Return gas temp. 20°C / T°Subcooling 0K



*Non-contractual picture

Dimensions

Weight	10.3 kg (23 lb)
Length	251 mm (9.9 in)
Width	161 mm (6.3 in)
Height	207 mm (8.2 in)
Ø Suction Tube	1/4 in (6.35mm)
Ø Discharge Tube	3/16 in (4.76mm)

Certificates



General

Compressor Type	Reciprocating
Displacement (cc)	8.85
Horse Power	1/3
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)	8.24
Start Winding (Ohm)	24.11
Current RLA 50Hz (A)	1.92
Current LRA (A)	12.5
Start Capacitor	64-77 µF / 250 V
Overload	MRA58195-5587
- Time Check	6.5s - 16s / 8.2 A
- Open Temp / Close Temp	120 °C / 52 °C
Current Relay	9660D-3018-143
- Pick Up / Drop Out	6.8 A / 5.75 A

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



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Performances are given at rating conditions EN12900
Conditions DEW

Return gas temp. : 20 °C
Subcooling : 0 K

50HZ R-290

Condensing	Evaporating (°C)	-40	-35	-30	-25	-20	-15	-10
30	Refrig. Capacity (Watt)	197	275	372	490	629	791	976
	Power Input (W)	175	196	220	244	268	289	307
	Amps (A)	1.61	1.66	1.72	1.78	1.85	1.92	1.98
40	Refrig. Capacity (Watt)	145	212	293	388	500	627	772
	Power Input (W)	176	203	232	262	291	317	340
	Amps (A)	1.62	1.67	1.75	1.83	1.92	2.01	2.09
50	Refrig. Capacity (Watt)		152	220	297	384	483	593
	Power Input (W)		202	238	275	310	342	371
	Amps (A)		1.67	1.76	1.87	1.98	2.09	2.2
60	Refrig. Capacity (Watt)				212	280	354	435
	Power Input (W)				283	326	367	402
	Amps (A)				1.89	2.02	2.16	2.3

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