



tecumseh

AE2410U-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	124	423	

(*) 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)	6.12
Horse Power	1/4
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)	9.54
Start Winding (Ohm)	19.08
Current RLA 50Hz (A)	1.69
Current MCC (A)	2.63
Current LRA (A)	11.5
Start Capacitor	64-77 µF / 330 V
Overload	MSP62AMK-5587
- Time Check	6.5s - 15s / 7.4 A
- Open Temp / Close Temp	105 °C / 61 °C
Current Relay	9660D-3018-142
- Pick Up / Drop Out	6.7 A / 5.6 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)	99.4	150	207	271	341	419	503
	Power Input (W)	127	145	163	178	190	199	203
	Amps (A)	1.37	1.39	1.42	1.46	1.49	1.52	1.53
40	Refrig. Capacity (Watt)	80.5	124	175	233	299	371	451
	Power Input (W)	130	149	169	188	205	220	231
	Amps (A)	1.38	1.4	1.44	1.48	1.53	1.57	1.6
50	Refrig. Capacity (Watt)		97.7	141	193	251	317	391
	Power Input (W)		150	171	193	215	235	253
	Amps (A)		1.4	1.44	1.49	1.55	1.61	1.66
60	Refrig. Capacity (Watt)				155	206	264	329
	Power Input (W)				198	224	249	273
	Amps (A)				1.51	1.58	1.65	1.72

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