



tecumseh

AE2430Z-FZ3C

220 - 240V 1~ 50 Hz

Compressor

LBP

R-404A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-404A	50HZ	706	2408	

(*) 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	11.5 kg (25 lb)
Length	198 mm (7.8 in)
Width	161 mm (6.3 in)
Height	207 mm (8.2 in)
Ø Suction Tube	3/8 in (9.52mm)
Ø Discharge Tube	1/4 in (6.35mm)

Certificates



General

Compressor Type	Reciprocating
Displacement (cc)	14.5
Horse Power	1
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)	366

Electrical

Motor Type	CSR
Main Winding (Ohm)	3.37
Start Winding (Ohm)	11.99
Current RLA 50Hz (A)	3.52
Current LRA (A)	21.5
Start Capacitor	88-108 µF / 330 V
Run Capacitor	10 µF / 400 V
Overload	MSP36AMW-112
- Time Check	6.5 - 16s / 12.4 A
- Open Temp / Close Temp	135 °C / 61 °C
Potential Relay	RVA6O3C
- Pick Up / Drop Out	/ 60-135 V

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-404A

Condensing	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	1490	2065	2696	3407	4217	5145
	Power Input (W)	355	406	465	530	601	678
	Amps (A)	2.22	2.39	2.59	2.84	3.12	3.46
105	Refrig. Capacity (Btu/h)	1247	1743	2287	2898	3595	4393
	Power Input (W)	364	419	481	550	625	705
	Amps (A)	2.26	2.44	2.67	2.93	3.25	3.6
120	Refrig. Capacity (Btu/h)		1427	1890	2408	2997	3669
	Power Input (W)		430	498	573	654	741
	Amps (A)		2.48	2.73	3.02	3.37	3.76
140	Refrig. Capacity (Btu/h)			1354	1749	2195	2699
	Power Input (W)			510	597	690	789
	Amps (A)			2.79	3.13	3.53	3.98

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