

Compressor

LBP

R-404A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-404A	50HZ	347	1182	

(*) 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	11.5 kg (25 lb)
Length	251 mm (9.9 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)	12
Horse Power	1/2
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	CSIR
Main Winding (Ohm)	3.66
Start Winding (Ohm)	15.78
Current RLA 50Hz (A)	3.48
Current LRA (A)	19.5
Start Capacitor	88-108 µF / 330 V
Overload	MSP28APW-5587
- Time Check	6.5s - 15s / 14.00 A
- Open Temp / Close Temp	135 °C / 61 °C
Current Relay	MTRPH5531
- Pick Up / Drop Out	11 A / 9.35 A

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



tecumseh

AE2425Z-FZ1C

220 - 240V 1~ 50 Hz

Performances are given at rating conditions EN12900
Conditions DEW

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

50HZ R-404A

Condensing	Evaporating (°C)	-40	-35	-30	-25	-20	-15	-10
30	Refrig. Capacity (Watt)	297	415	546	693	860	1052	1274
	Power Input (W)	304	345	387	430	477	528	585
	Amps (A)	2.56	2.69	2.81	2.94	3.09	3.27	3.48
40	Refrig. Capacity (Watt)	243	347	461	591	738	908	1103
	Power Input (W)	312	358	405	454	507	566	632
	Amps (A)	2.56	2.7	2.84	3	3.18	3.39	3.65
50	Refrig. Capacity (Watt)		273	369	477	602	745	909
	Power Input (W)		366	420	476	538	606	681
	Amps (A)		2.72	2.88	3.07	3.28	3.54	3.86
60	Refrig. Capacity (Watt)			277	362	460	572	702
	Power Input (W)			431	496	568	646	733
	Amps (A)			2.91	3.13	3.39	3.7	4.07

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