



tecumseh

AE2410Y-FZ1A

220 - 240V 1~ 50 Hz

Compressor

LBP

R-134a

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-134a	50HZ	137	468	

(*) 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	9.9 kg (22 lb)
Length	251 mm (9.9 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	9660D-3018-126
- Pick Up / Drop Out	4.82 A / 4.05 A

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

Performances are given at rating conditions EN12900
Conditions DEW

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

50HZ R-134a

Condensing	Evaporating (°C)	-40	-35	-30	-25	-20	-15	-10
30	Refrig. Capacity (Watt)	96.4	156	225	300	378	456	531
	Power Input (W)	119	139	160	180	196	207	211
	Amps (A)	1.16	1.21	1.27	1.32	1.37	1.4	1.42
40	Refrig. Capacity (Watt)	92.1	137	195	261	333	408	482
	Power Input (W)	121	141	164	189	214	237	254
	Amps (A)	1.18	1.22	1.27	1.34	1.42	1.49	1.56
50	Refrig. Capacity (Watt)		113	159	217	283	354	427
	Power Input (W)		139	163	192	223	255	285
	Amps (A)		1.21	1.27	1.34	1.44	1.55	1.66
60	Refrig. Capacity (Watt)			130	179	239	307	378
	Power Input (W)			163	194	229	269	309
	Amps (A)			1.26	1.34	1.45	1.59	1.75

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