



tecumseh

AEX428U-FZ3B

220 - 240V 1~ 50 Hz

Compressor

L-MBP

R-290

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-290	50HZ	419	1428	

(*) 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	11.4 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)	13.2
Horse Power	1/2
Compressor Cooling	Fan
Evaporating Temp. Range	-35°C to -5°C (-31°F to 23°F)
Expansion Device	Capil. Tube/Expans. Valve
Oil Type	P.O.E 32
Oil Charge (cc)	387

Electrical

Motor Type	CSR
Main Winding (Ohm)	4.32
Start Winding (Ohm)	10.37
Current RLA 50Hz (A)	2.27
Current LRA (A)	17.5
Start Capacitor	108-130 µF / 330 V
Run Capacitor	12 µF / 400 V
Overload	MRA58181-5551
- Time Check	6.5 - 15.0s / 11.5 A
- Open Temp / Close Temp	130 °C / 52 °C
Potential Relay	RVA 4N3D
- Pick Up / Drop Out	262-290 V / 60-121 V

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-290

Condensing	Evaporating (°C)	-35	-30	-25	-20	-15	-10	-5	0	5
30	Refrig. Capacity (Watt)	441	580	733	903	1092	1305	1544	1812	2111
	Power Input (W)	295	320	343	366	389	415	443	476	514
	Amps (A)	1.44	1.56	1.66	1.77	1.89	2.01	2.16	2.33	2.54
40	Refrig. Capacity (Watt)	419	535	664	809	974	1160	1372	1612	1881
	Power Input (W)	291	324	355	386	417	450	486	527	573
	Amps (A)	1.44	1.58	1.72	1.86	2.01	2.16	2.34	2.54	2.77
50	Refrig. Capacity (Watt)	367	463	572	695	837	1001	1189	1403	1645
	Power Input (W)	301	341	379	417	455	495	538	585	637
	Amps (A)	1.49	1.66	1.83	2	2.18	2.36	2.57	2.8	3.06
60	Refrig. Capacity (Watt)			486	591	713	857	1023	1214	1432
	Power Input (W)			402	445	489	534	583	636	694
	Amps (A)			1.94	2.13	2.34	2.55	2.78	3.04	3.32