



tecumseh

AEX424U-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	396	1351	

(*) 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	11.1 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)	12
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)	366

Electrical

Motor Type	CSR
Main Winding (Ohm)	4.32
Start Winding (Ohm)	10.37
Current RLA 50Hz (A)	2.17
Current LRA (A)	17.5
Start Capacitor	108-130 µF / 330 V
Run Capacitor	15 µF / 400 V
Overload	MRA58193-3291
- Time Check	6.5s - 16s / 10 A
- Open Temp / Close Temp	135 °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)	454	561	733	949	1188	1432	1663	1863	2016
	Power Input (W)	264	291	316	340	364	389	416	445	479
	Amps (A)	1.28	1.37	1.47	1.58	1.69	1.8	1.88	1.95	1.99
40	Refrig. Capacity (Watt)	396	475	610	780	963	1141	1297	1413	1476
	Power Input (W)	279	311	341	371	401	432	466	503	544
	Amps (A)	1.35	1.47	1.6	1.74	1.88	2.02	2.15	2.25	2.33
50	Refrig. Capacity (Watt)	356	421	533	669	809	933	1026	1071	1053
	Power Input (W)	288	325	360	395	430	467	507	550	599
	Amps (A)	1.39	1.53	1.68	1.85	2.02	2.19	2.34	2.48	2.58
60	Refrig. Capacity (Watt)			462	578	688	772	813	799	714
	Power Input (W)			377	416	456	499	544	593	647
	Amps (A)			1.76	1.95	2.14	2.33	2.51	2.66	2.8