



tecumseh

AEX433U-FZ3C

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	425	1448	

(*) 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	11.3 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)	15.1
Horse Power	3/4
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)	4.2
Start Winding (Ohm)	6.48
Current RLA 50Hz (A)	2.6
Current LRA (A)	19.5
Start Capacitor	124-149 µF / 330 V
Run Capacitor	15 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 403D
- Pick Up / Drop Out	280-310 V / 60-121 V
Current Relay	820-10338
- Pick Up / Drop Out	8 A / 6.5 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-290

Condensing	Evaporating (°C)	-35	-30	-25	-20	-15	-10	-5	0	5
30	Refrig. Capacity (Watt)	497	624	761	924	1127	1387	1718	2136	2656
	Power Input (W)	322	356	384	410	437	468	506	554	614
	Amps (A)	1.57	1.73	1.87	1.99	2.11	2.25	2.41	2.62	2.87
40	Refrig. Capacity (Watt)	425	543	665	805	979	1202	1490	1858	2320
	Power Input (W)	340	380	415	448	481	519	563	617	685
	Amps (A)	1.67	1.86	2.01	2.16	2.32	2.49	2.69	2.93	3.23
50	Refrig. Capacity (Watt)	346	460	570	692	840	1030	1278	1599	2008
	Power Input (W)	349	397	440	481	523	569	622	684	760
	Amps (A)	1.72	1.93	2.12	2.31	2.5	2.71	2.96	3.26	3.61
60	Refrig. Capacity (Watt)			470	576	703	864	1076	1353	1712
	Power Input (W)			467	518	570	625	688	761	847
	Amps (A)			2.24	2.47	2.71	2.98	3.28	3.64	4.06