



tecumseh

AE4470E-FZ3C

220 - 240V 1~ 50 Hz

Compressor

CBP/HBP (M-HBP)

R-22

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-22	50HZ	1797	6128	

(*) Operating conditions EN12900 : Dew / T°Cond. 50°C / T°Evap 5°C / T°Return gas temp. 20°C / T°Subcooling 0K



*Non-contractual picture

Dimensions

Weight	12.2 kg (27 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)	13.2
Horse Power	1/2
Compressor Cooling	Fan
Evaporating Temp. Range	-15°C to 15°C (5°F to 59°F)
Expansion Device	Capil. Tube/Expans. Valve
Oil Type	Synthetic Alkylate 53
Oil Charge (cc)	360

Electrical

Motor Type	CSR
Main Winding (Ohm)	5.69
Start Winding (Ohm)	10.93
Current RLA 50Hz (A)	3.76
Current LRA (A)	18.5
Start Capacitor	88-108 µF / 330 V
Run Capacitor	20 µF / 400 V
Overload	T88405-54
- Time Check	6.5-16.0s / 13.0 A
- Open Temp / Close Temp	150 °C / 52 °C
Potential Relay	RVA6N3C
- Pick Up / Drop Out	/ 60-135 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-22

Condensing	Evaporating (°C)	-20	-15	-10	-5	0	5	10	15
40	Refrig. Capacity (Watt)	764	944	1159	1410	1702	2037	2419	2851
	Power Input (W)	479	515	550	584	616	645	672	696
	Amps (A)	2.22	2.38	2.54	2.7	2.84	2.98	3.1	3.21
50	Refrig. Capacity (Watt)	595	778	986	1224	1493	1797	2140	2524
	Power Input (W)	505	552	597	641	684	725	764	801
	Amps (A)	2.34	2.55	2.75	2.95	3.15	3.34	3.52	3.68
60	Refrig. Capacity (Watt)		623	853	1103	1377	1678	2009	2374
	Power Input (W)		580	638	696	753	809	863	916
	Amps (A)		2.68	2.94	3.2	3.46	3.72	3.97	4.21

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