



tecumseh

AE4460E-FZ1B

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	1437	4901	

(*) 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	11.5 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)	10.3
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 32
Oil Charge (cc)	361

Electrical

Motor Type	CSIR
Main Winding (Ohm)	3.76
Start Winding (Ohm)	24.98
Current RLA 50Hz (A)	3.7
Current LRA (A)	18
Start Capacitor	64-77 µF / 330 V
Overload	B130-130-033
- Time Check	6.5-16.0s / 13 A
- Open Temp / Close Temp	130 °C / 52 °C
Current Relay	QL2-19.9 B3
- Pick Up / Drop Out	19.9 A / 15.9 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-22

Condensing	Evaporating (°C)	-20	-15	-10	-5	0	5	10	15
40	Refrig. Capacity (Watt)	595	721	893	1104	1349	1620	1912	2218
	Power Input (W)	380	414	448	480	509	534	554	568
	Amps (A)	2.68	2.79	2.91	3.03	3.14	3.24	3.33	3.39
50	Refrig. Capacity (Watt)	489	622	790	986	1204	1437	1681	1928
	Power Input (W)	418	459	500	540	578	613	644	669
	Amps (A)	2.81	2.95	3.1	3.26	3.41	3.56	3.69	3.81
60	Refrig. Capacity (Watt)		602	757	929	1112	1300	1487	1667
	Power Input (W)		501	553	604	654	702	747	787
	Amps (A)		3.1	3.3	3.51	3.72	3.93	4.14	4.33

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