



tecumseh

AE4425E-FZ1A

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	561	1912	

(*) 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	9.7 kg (21 lb)
Length	198 mm (7.8 in)
Width	161 mm (6.3 in)
Height	207 mm (8.2 in)
Ø Suction Tube	1/4 in (6.35mm)
Ø Discharge Tube	3/16 in (4.76mm)

Certificates



General

Compressor Type	Reciprocating
Displacement (cc)	4.24
Horse Power	1/5
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)	10.37
Start Winding (Ohm)	30.06
Current RLA 50Hz (A)	1.7
Current LRA (A)	11
Start Capacitor	64-77 µF / 250 V
Overload	T14511-23
- Time Check	6.5-16.0s / 8.8 A
- Open Temp / Close Temp	120 °C / 52 °C
Current Relay	9660C-3018-129
- Pick Up / Drop Out	5.15 A / 4.35 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)	202	264	338	425	528	647	785	944
	Power Input (W)	164	179	190	198	204	210	218	229
	Amps (A)	1.44	1.48	1.5	1.52	1.55	1.57	1.59	1.62
50	Refrig. Capacity (Watt)	167	223	289	366	456	561	681	819
	Power Input (W)	167	190	207	220	230	239	249	261
	Amps (A)	1.45	1.5	1.54	1.58	1.61	1.64	1.68	1.71
60	Refrig. Capacity (Watt)		182	239	305	382	470	572	690
	Power Input (W)		194	218	237	252	266	279	293
	Amps (A)		1.51	1.58	1.63	1.68	1.73	1.78	1.82

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