



tecumseh

AE4430E-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	703	2399	

(*) 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	10.5 kg (23 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)	5.16
Horse Power	1/4
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)	9.392
Start Winding (Ohm)	12.024
Current RLA 50Hz (A)	1.97
Current LRA (A)	14.5
Start Capacitor	108-130 µF / 330 V
Overload	MRA58162-5587
- Time Check	6.5-15.0s / 8.8 A
- Open Temp / Close Temp	105 °C / 54 °C
Current Relay	9660C-3018-135
- Pick Up / Drop Out	5.9 A / 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-22

Condensing	Evaporating (°C)	-20	-15	-10	-5	0	5	10	15
40	Refrig. Capacity (Watt)	261	341	434	541	665	808	971	1157
	Power Input (W)	190	206	221	234	243	249	251	247
	Amps (A)	1.59	1.63	1.67	1.71	1.74	1.76	1.77	1.76
50	Refrig. Capacity (Watt)	215	289	372	468	578	703	847	1009
	Power Input (W)	197	218	239	257	273	287	296	300
	Amps (A)	1.6	1.66	1.72	1.77	1.82	1.87	1.91	1.93
60	Refrig. Capacity (Watt)		233	309	394	490	600	724	865
	Power Input (W)		228	254	279	302	323	340	353
	Amps (A)		1.68	1.76	1.84	1.91	1.99	2.05	2.11

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