



tecumseh

TC4440U-FZ1B

220 - 240V 1~ 50 Hz

Compressor

CBP/HBP (M-HBP)

R-290

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-290	50HZ	960	3273	

(*) 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	8.7 kg (19 lb)
Length	248 mm (9.8 in)
Width	167 mm (6.6 in)
Height	179 mm (7 in)
Ø Suction Tube	5/16 in (7.93mm)
Ø Discharge Tube	3/16 in (4.76mm)

Certificates



General

Compressor Type	Reciprocating
Displacement (cc)	7.84
Horse Power	1/3
Compressor Cooling	Fan
Evaporating Temp. Range	-15°C to 15°C (5°F to 59°F)
Expansion Device	Capil. Tube/Expans. Valve
Oil Type	P.O.E 32
Oil Charge (cc)	174

Electrical

Motor Type	CSIR
Main Winding (Ohm)	7.18
Start Winding (Ohm)	18.42
Current RLA 50Hz (A)	2.71
Current LRA (A)	14.5
Start Capacitor	88-108 µF / 250 V
Overload	MSP40AMW-5587
- Time Check	6.5s - 16s / 11.2 A
- Open Temp / Close Temp	135 °C / 61 °C
Current Relay	9660C-3018-132
- Pick Up / Drop Out	5.55 A / 4.65 A

Note : Tecumseh reserves the right to change information contained in this document without notification.



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Performances are given at rating conditions EN12900
Conditions DEW

Return gas temp. : 20 °C
Subcooling : 0 K

50HZ R-290

Condensing	Evaporating (°C)	-25	-20	-15	-10	-5	0	5	10	15
30	Refrig. Capacity (Watt)	436	497	576	672	786	917	1065	1229	1409
	Power Input (W)	238	257	274	289	302	312	320	326	329
	Amps (A)	2.1	2.15	2.19	2.23	2.26	2.29	2.31	2.33	2.33
40	Refrig. Capacity (Watt)		435	517	615	730	860	1006	1166	1341
	Power Input (W)		278	299	319	336	352	366	377	387
	Amps (A)		2.21	2.26	2.32	2.37	2.41	2.46	2.49	2.52
50	Refrig. Capacity (Watt)			487	584	695	820	960	1112	1277
	Power Input (W)			323	348	372	394	414	432	449
	Amps (A)			2.32	2.39	2.47	2.54	2.61	2.67	2.73
60	Refrig. Capacity (Watt)				549	653	771	900	1041	1192
	Power Input (W)				375	405	434	462	488	513
	Amps (A)				2.47	2.57	2.67	2.77	2.86	2.95

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