

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	1074	3663	

(*) 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	11.4 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)	8.02
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)	4.743
Start Winding (Ohm)	25.731
Current RLA 50Hz (A)	3
Current LRA (A)	16.5
Start Capacitor	64-77 µF / 250 V
Overload	MRA58193-5587
- Time Check	6.5-16.0s / 10.0 A
- Open Temp / Close Temp	135 °C / 52 °C
Current Relay	9660D-3018-155
- Pick Up / Drop Out	8.5 A / 7.15 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)	421	532	672	840	1036	1259	1509	1785
	Power Input (W)	286	312	335	356	374	389	401	410
	Amps (A)	2.33	2.39	2.46	2.52	2.58	2.63	2.68	2.71
50	Refrig. Capacity (Watt)	366	454	570	712	880	1074	1294	1538
	Power Input (W)	299	338	374	406	433	456	475	489
	Amps (A)	2.35	2.46	2.57	2.67	2.77	2.85	2.93	2.98
60	Refrig. Capacity (Watt)		391	478	590	727	888	1073	1281
	Power Input (W)		342	395	442	484	520	550	574
	Amps (A)		2.46	2.63	2.79	2.94	3.08	3.2	3.31

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