

Compressor

CBP/HBP (M-HBP)

R-134a

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-134a	50HZ	1258	4289	

(*) 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	251 mm (9.9 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)	15.1
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	P.O.E 32
Oil Charge (cc)	366

Electrical

Motor Type	CSIR
Main Winding (Ohm)	4.09
Start Winding (Ohm)	20.81
Current RLA 50Hz (A)	3.96
Current LRA (A)	18
Start Capacitor	72-88 µF / 330 V
Overload	B125-135-033
- Time Check	6.5-16.0s / 12.5 A
- Open Temp / Close Temp	135 °C / 52 °C
Current Relay	9660C-3018-160
- Pick Up / Drop Out	9.4 A / 7.9 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-134a

Condensing	Evaporating (°C)	-25	-20	-15	-10	-5	0	5	10	15
30	Refrig. Capacity (Watt)	369	477	605	757	936	1145	1388	1669	1990
	Power Input (W)	282	318	356	395	433	469	502	530	552
	Amps (A)	2.51	2.6	2.71	2.83	2.96	3.08	3.19	3.3	3.39
40	Refrig. Capacity (Watt)	338	448	575	723	896	1097	1329	1595	1899
	Power Input (W)	305	342	383	426	470	513	554	592	625
	Amps (A)	2.6	2.7	2.81	2.95	3.09	3.24	3.39	3.54	3.68
50	Refrig. Capacity (Watt)		411	536	681	847	1038	1258	1509	1795
	Power Input (W)		362	408	458	510	562	614	664	710
	Amps (A)		2.74	2.88	3.04	3.21	3.4	3.6	3.81	4.01
60	Refrig. Capacity (Watt)			486	626	784	966	1172	1407	1673
	Power Input (W)			426	485	548	612	677	741	804
	Amps (A)			2.92	3.12	3.34	3.59	3.85	4.12	4.4

© 2025 Tecumseh Products Company