



tecumseh

HGA2446ZFZ

220 - 240V 1~ 50 Hz

Compressor

LBP

R-452A / R-404A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
R-404A	50HZ	467	1594	

(*) Operating conditions EN12900 : Dew / T°Cond. 40°C / T°Evap -35°C / T°Return gas temp. 20°C / T°Subcooling 0K



*Non-contractual picture

General

Compressor Type	Rotary
Displacement (cc)	16.1
Horse Power	3/4
Compressor Cooling	Fan
Evaporating Temp. Range	-40°C to -25.6°C (-40°F to -14°F)
Expansion Device	Capil. Tube/Expans. Valve
Oil Type	P.V.E 68
Oil Charge (cc)	290

Electrical

Motor Type	CSR
Main Winding (Ohm)	4.35
Start Winding (Ohm)	6.54
Current RLA 50Hz (A)	3.32
Current LRA (A)	20.5
Start Capacitor	108-130 µF / 330 V
Run Capacitor	20 µF / 400 V
Overload	MRA4765-3291
- Time Check	6.5s - 16s / 15 A
- Open Temp / Close Temp	140 °C / 61 °C

Dimensions

Weight	11.8 kg (26 lb)
Length	285 mm (11.2 in)
Width	209 mm (8.2 in)
Height	165 mm (6.5 in)
Ø Suction Tube	1/2 in (12.7mm)
Ø Discharge Tube	5/16 in (7.93mm)

Certificates



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-404A

Condensing	Evaporating (°C)	-40	-35	-30	-25	-20	-15	-10
30	Refrig. Capacity (Watt)	445	569	720	899	1109	1355	1637
	Power Input (W)	417	441	469	500	528	550	563
	Amps (A)	2.05	2.15	2.28	2.41	2.54	2.63	2.69
40	Refrig. Capacity (Watt)	357	467	596	747	922	1124	1357
	Power Input (W)	472	498	531	569	606	640	668
	Amps (A)	2.3	2.41	2.56	2.72	2.89	3.05	3.17
50	Refrig. Capacity (Watt)		366	472	592	730	888	1069
	Power Input (W)		563	602	647	694	741	783
	Amps (A)		2.7	2.87	3.07	3.29	3.5	3.7
60	Refrig. Capacity (Watt)			339	428	528	640	768
	Power Input (W)			684	736	794	853	909
	Amps (A)			3.24	3.47	3.73	4.01	4.27

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