



Compressor  
Voltage Code : FZ

FH4524Z

High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R404A

AHC4524ZFZ

Operating conditions : Customized... / 50 Hz / Dew			Sound Power ISO3745 / ISO 3743-1
Evaporating Temp. : -10.0 °C	Refrig. Capacity : 3063 Watt		74 dBA
Superheat : 10.0 K			
Return gas temp. : 10.0 °C	Power Input : 1740 Watt		
Condensing Temp. : 45.0 °C	Amps : 7.75 A		
Subcooling : 10.0 K	C.O.P : 1.76 Watt/W		
Liquid : 34.7 °C			
Displacement (cc)			43.5
Net Weight (Kg)			34.2
Oil Quantity (cc)			1330.0
Oil Type			Polyolester
Expansion Device			Capillary_Tube/Expansion_Valve
Cooling			Fan
Main Winding (Ohm)			1.2
Start Winding (Ohm)			3.8
Current			
RLA (A)			10.7
MCC (A)			18.1
LRA (A)			49
Electrical Equipment			CSR
Overload			Interne
Start Capacitor			100 µF / 330 V
Run Capacitor			30 µF / 400 V
Potential Relay			RVA4I**
Pick Up			204/233V
Drop Out			50/110V
Optional			3ARR3*6AU*
Refrigerating connection for OD			
Suction Tube			15.9 (5/8")
Discharge Tube			12.7 (1/2")
Process Tube			6.35 (1/4")

Certificates :



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

**FH4524Z**

**Tension FZ : 220 - 240V 1~ 50 Hz**

Les performances sont données dans les **conditions EN12900** :  
Condition Dew

Gaz aspirés : 20.0 °C  
Sous refroidissement : 0.0 K

The performance data are in **EN12900 conditions** :  
Dew Condition

Return gas : 20.0 °C  
Subcooling : 0.0 K

**50 Hz R404A**



**N°226ET-F**

4   T condensation	5   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>30</b>	1   P frigorifique	(Watt)	1843	2514	3290	4185	5217	6402	7756	9297	11040
	2   P absorbée	(W)	1174	1335	1478	1608	1727	1839	1947	2054	2164
	3   I absorbée	(A)	5.33	6.01	6.64	7.21	7.73	8.19	8.60	8.96	9.26
<b>40</b>	1   P frigorifique	(Watt)	1320	1944	2644	3437	4338	5364	6532	7858	9358
	2   P absorbée	(W)	1138	1347	1535	1707	1865	2012	2152	2289	2425
	3   I absorbée	(A)	5.13	6.01	6.85	7.62	8.35	9.02	9.63	10.2	10.7
<b>50</b>	1   P frigorifique	(Watt)		1353	1964	2639	3395	4249	5216	6313	7557
	2   P absorbée	(W)		1299	1541	1762	1966	2156	2337	2510	2680
	3   I absorbée	(A)		5.81	6.85	7.83	8.76	9.64	10.5	11.2	11.9
<b>60</b>	1   P frigorifique	(Watt)			1288	1832	2430	3097	3849	4704	5678
	2   P absorbée	(W)			1492	1770	2028	2269	2497	2715	2926
	3   I absorbée	(A)			6.65	7.84	8.98	10.1	11.1	12.1	13.0

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1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = evaporating temperature

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