



Compressor  
Voltage Code : FZ

**AJ2446P-FZ**

Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R455A / R454C

**AJ2446P-FZ3A**

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN12900 / R452A	50 Hz	587	2002	57 dBA
EN12900 / R404A	50 Hz	630	2150	57 dBA
EN12900 / R455A	50 Hz	544	1856	57 dBA
EN12900 / R454C	50 Hz	474	1617	57 dBA



\* EN12900 : T°Cond. 40.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 0.0K

Certificates :



<b>Displacement (cc)</b>	26,2
<b>Net Weight (Kg)</b>	21.5
<b>Oil Quantity (cc)</b>	475.0
<b>Oil Type</b>	Polyolester
<b>Expansion Device</b>	Capillary_Tube/Expansion_Valve
<b>Cooling</b>	Fan
<b>Main Winding (Ohm)</b>	2.9
<b>Start Winding (Ohm)</b>	8.8
<b>Current</b>	
RLA (A)	3,9
MCC (A)	8,2
LRA (A)	29,5
<b>Electrical Equipment</b>	CSR
<b>Overload</b>	MST18AIN
Time Check	7,5s - 14s / 20,7 A
Open Temp	120° C
Close Temp	69° C
Optional	T0750
<b>Start Capacitor</b>	88 µF / 330 V
<b>Run Capacitor</b>	15 µF / 400 V
<b>Potential Relay</b>	RVA40**
Pick Up	280/310V
Drop Out	60/121V
<b>Refrigerating connection for</b>	
Suction Tube	15.9 (5/8")
Discharge Tube	7.9 (5/16")
Process Tube	6.35 (1/4")

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



**Tecumseh**

<b>AJ2446P-FZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les **conditions EN12900** :  
 Condition Mid

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

Gaz aspirés : 20.0 °C  
 Sous refroidissement : 0.0 K

Return gas : 20.0 °C  
 Subcooling : 0.0 K

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**50 Hz R452A**

**N°3604**

4   T condensation	5   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>30</b>	1   P frigorifique	(Watt)	537	757	1021	1336	1707	2142	2647
	2   P absorbée	(W)	497	581	665	751	838	927	1018
	3   I absorbée	(A)	2.32	2.64	3.00	3.38	3.81	4.27	4.76
<b>40</b>	1   P frigorifique	(Watt)	396	587	815	1087	1408	1785	2223
	2   P absorbée	(W)	473	574	677	782	890	1001	1115
	3   I absorbée	(A)	2.23	2.64	3.07	3.53	4.03	4.56	5.13
<b>50</b>	1   P frigorifique	(Watt)		423	611	836	1103	1418	1788
	2   P absorbée	(W)		550	671	795	923	1055	1192
	3   I absorbée	(A)		2.60	3.11	3.65	4.22	4.82	5.46
<b>60</b>	1   P frigorifique	(Watt)				596	805	1056	1354
	2   P absorbée	(W)				790	938	1091	1250
	3   I absorbée	(A)				3.73	4.37	5.04	5.74

**50 Hz R404A**

**N°3605**

4   T condensation	5   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>30</b>	1   P frigorifique	(Watt)	577	804	1075	1393	1765	2194	2686
	2   P absorbée	(W)	519	606	692	777	861	944	1028
	3   I absorbée	(A)	2.45	2.77	3.12	3.50	3.91	4.34	4.81
<b>40</b>	1   P frigorifique	(Watt)	433	630	864	1138	1457	1826	2249
	2   P absorbée	(W)	504	607	710	814	919	1025	1133
	3   I absorbée	(A)	2.39	2.79	3.22	3.67	4.16	4.67	5.21
<b>50</b>	1   P frigorifique	(Watt)		459	653	880	1144	1450	1803
	2   P absorbée	(W)		590	711	834	960	1089	1222
	3   I absorbée	(A)		2.79	3.29	3.82	4.38	4.97	5.59
<b>60</b>	1   P frigorifique	(Watt)			450	628	835	1076	1356
	2   P absorbée	(W)			697	840	987	1139	1296
	3   I absorbée	(A)			3.35	3.95	4.59	5.26	5.95

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

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**Tecumseh**


<b>AJ2446P-FZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les **conditions EN12900** :  
 Condition Mid

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

Gaz aspirés : 20.0 °C  
 Sous refroidissement : 0.0 K

Return gas : 20.0 °C  
 Subcooling : 0.0 K

<b>50 Hz R455A</b>									
 <b>N°3318</b>									
4   T condensation	5   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>30</b>	1   P frigorifique	(Watt)	478	703	965	1268	1620	2026	2491
	2   P absorbée	(W)	468	562	651	734	813	887	956
	3   I absorbée	(A)	2.34	2.74	3.14	3.54	3.95	4.36	4.78
<b>40</b>	1   P frigorifique	(Watt)	340	544	779	1050	1361	1720	2132
	2   P absorbée	(W)	439	551	660	767	870	971	1069
	3   I absorbée	(A)	2.21	2.70	3.19	3.69	4.18	4.69	5.19
<b>50</b>	1   P frigorifique	(Watt)		386	589	822	1089	1397	1752
	2   P absorbée	(W)		519	647	774	901	1027	1152
	3   I absorbée	(A)		2.56	3.14	3.72	4.31	4.90	5.49
<b>60</b>	1   P frigorifique	(Watt)			409	600	819	1073	1366
	2   P absorbée	(W)			612	758	906	1056	1206
	3   I absorbée	(A)			2.98	3.65	4.32	5.00	5.68

<b>50 Hz R454C</b>									
 <b>N°3317</b>									
4   T condensation	5   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>30</b>	1   P frigorifique	(Watt)	407	612	856	1142	1477	1865	2312
	2   P absorbée	(W)	420	503	584	662	737	810	879
	3   I absorbée	(A)	2.13	2.48	2.83	3.19	3.54	3.91	4.27
<b>40</b>	1   P frigorifique	(Watt)	289	474	691	945	1241	1584	1979
	2   P absorbée	(W)	396	493	589	686	782	877	972
	3   I absorbée	(A)	2.02	2.45	2.89	3.33	3.77	4.22	4.67
<b>50</b>	1   P frigorifique	(Watt)		333	519	736	988	1281	1621
	2   P absorbée	(W)		464	575	687	802	918	1036
	3   I absorbée	(A)		2.30	2.82	3.35	3.88	4.41	4.94
<b>60</b>	1   P frigorifique	(Watt)			353	528	733	972	1251
	2   P absorbée	(W)			542	669	800	935	1074
	3   I absorbée	(A)			2.64	3.25	3.86	4.48	5.09

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