



Condensing unit  
Voltage Code : FZ

# SILAJ2446Z-FZ

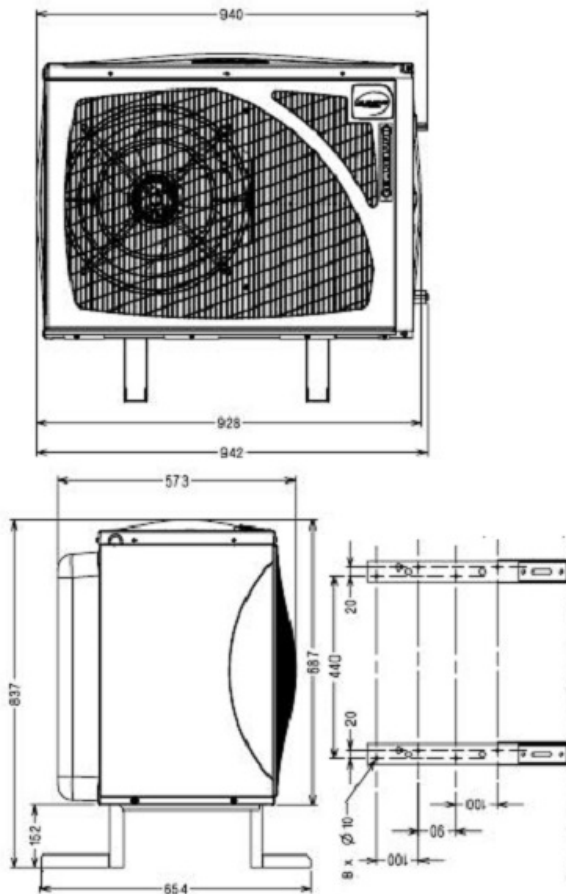
Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILAJ2446Z-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	643	2192	57 dBA
EN13215 / R404A	50 Hz	712	2427	57 dBA
EN13215 / R448A	50 Hz	522	1780	57 dBA
EN13215 / R449A	50 Hz	522	1781	57 dBA



<b>Net Weight (Kg)</b>	72.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	1650
<b>Compo Data Sheet</b>	124NT-FZ
<b>Elec Comp Type</b>	CSR
<b>Current (Amp)</b>	
Load Rated Amp	4.3
Max Cont Current	8.5
Lock Rotor Amp	30
<b>Fan</b>	
Speed (rpm)	546
Power (W)	65.0
Diameter (mm)	360
Protection	Overload
IP Level	IP44
<b>Condenser</b>	360/11500
<b>Liquid Receiver</b>	
Capacity (L)	1.5
Maximum Pressure (Bars)	32.0
<b>Suction Line</b>	
Suction Type	Tube / Tube
For Tubing Out Diam	12.7 (1/2")
Suction Connection Type	Brased
<b>Liquid Line</b>	
Liquid Line Type	Tube
For Tubing Out Diam	9.5 (3/8")
Liquid Connecton Type	Brased
<b>Connection Type</b>	TT
<b>Fan Guard</b>	maille < à 8mm

\* EN13215 : T°Ambient 32.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

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



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<b>SILAJ2446Z-FZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les <b>conditions EN13215</b> :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

<b>50 Hz R452A</b>									
<b>N°5774</b>									
5   T ambience	6   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>25</b>	1   P frigorifique	(Watt)	536	734	968	1243	1562	1929	2347
	2   P absorbée	(W)	546	627	712	803	900	1005	1117
	3   I absorbée	(A)	2.57	2.87	3.22	3.62	4.07	4.58	5.15
	4   Tc	(°C)	26.1	27.4	28.7	30.0	31.3	32.5	33.7
<b>32</b>	1   P frigorifique	(Watt)	461	643	856	1104	1389	1716	2088
	2   P absorbée	(W)	537	625	720	821	929	1046	1173
	3   I absorbée	(A)	2.52	2.86	3.26	3.71	4.21	4.76	5.37
	4   Tc	(°C)	31.7	33.2	34.7	36.2	37.6	39.0	40.4
<b>43</b>	1   P frigorifique	(Watt)	345	499	676	880	1111	1374	1671
	2   P absorbée	(W)	510	611	719	836	962	1098	1247
	3   I absorbée	(A)	2.43	2.84	3.31	3.83	4.40	5.03	5.71
	4   Tc	(°C)	40.7	42.5	44.3	46.0	47.7	49.3	51.0

<b>50 Hz R404A</b>									
<b>N°824S-F</b>									
5   T ambience	6   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>25</b>	1   P frigorifique	(Watt)	598	810	1058	1345	1671	2041	2456
	2   P absorbée	(W)	593	669	754	847	949	1059	1177
	3   I absorbée	(A)	2.75	3.06	3.42	3.84	4.31	4.82	5.39
	4   Tc	(°C)	29.0	30.3	31.6	32.9	34.1	35.3	36.5
<b>32</b>	1   P frigorifique	(Watt)	518	712	936	1192	1483	1810	2175
	2   P absorbée	(W)	580	667	763	867	979	1099	1228
	3   I absorbée	(A)	2.71	3.07	3.48	3.94	4.45	5.02	5.63
	4   Tc	(°C)	34.6	36.0	37.5	38.9	40.3	41.6	43.0
<b>43</b>	1   P frigorifique	(Watt)	393	557	743	952	1185	1443	1730
	2   P absorbée	(W)	559	664	776	897	1026	1163	1309
	3   I absorbée	(A)	2.65	3.08	3.56	4.10	4.68	5.32	6.01
	4   Tc	(°C)	43.3	45.0	46.7	48.4	50.0	51.6	53.2

**1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature**

**Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.**

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Condition Dew	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

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### 50 Hz R448A (\*)

**N°6857**

5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	826	1096	1412	1778	2198
	2   P absorbée	(W)	675	766	862	964	1072
	3   I absorbée	(A)	3.05	3.45	3.90	4.39	4.93
	4   Tc	(°C)	29.0	30.3	31.6	32.9	34.1
<b>32</b>	1   P frigorifique	(Watt)	728	972	1257	1587	1966
	2   P absorbée	(W)	684	785	891	1004	1126
	3   I absorbée	(A)	3.10	3.55	4.04	4.57	5.15
	4   Tc	(°C)	35.1	36.6	38.0	39.4	40.8
<b>43</b>	1   P frigorifique	(Watt)	577	782	1021	1297	1613
	2   P absorbée	(W)	687	803	926	1059	1202
	3   I absorbée	(A)	3.17	3.69	4.25	4.85	5.51
	4   Tc	(°C)	44.7	46.5	48.2	49.8	51.5

### 50 Hz R449A (\*)

**N°5333**

5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	827	1097	1413	1779	2199
	2   P absorbée	(W)	675	766	862	964	1072
	3   I absorbée	(A)	3.05	3.45	3.90	4.39	4.93
	4   Tc	(°C)	29.1	30.4	31.6	32.9	34.1
<b>32</b>	1   P frigorifique	(Watt)	728	972	1257	1588	1967
	2   P absorbée	(W)	684	785	891	1004	1126
	3   I absorbée	(A)	3.10	3.55	4.04	4.57	5.15
	4   Tc	(°C)	35.1	36.6	38.0	39.4	40.8
<b>43</b>	1   P frigorifique	(Watt)	578	783	1021	1297	1614
	2   P absorbée	(W)	687	803	926	1059	1202
	3   I absorbée	(A)	3.17	3.69	4.25	4.85	5.51
	4   Tc	(°C)	44.7	46.4	48.1	49.8	51.4

**1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature**

(\*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de reflux élevée pour les applications LBP.

(\*) Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.

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