

Condensing unit
Voltage Code : FZ

SILAJ2446Z-FZ

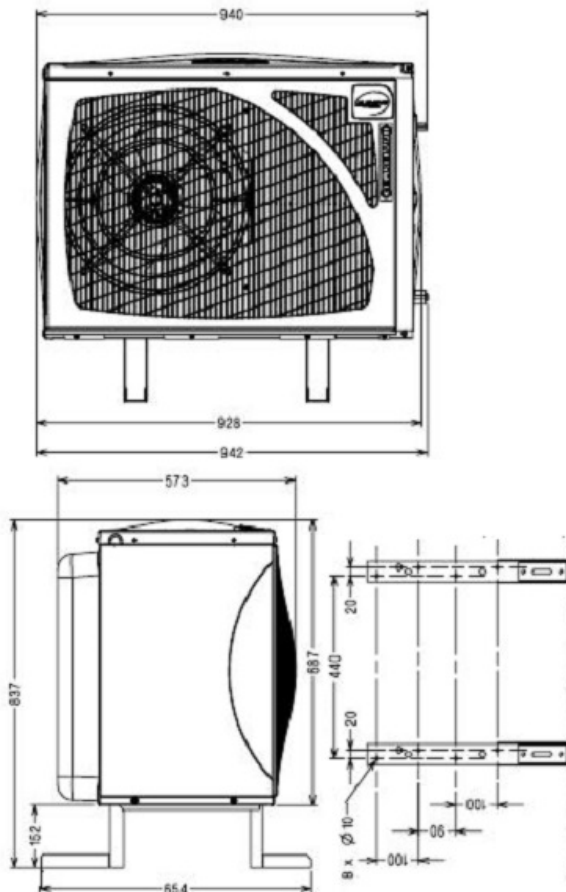
Low Temp. Commercial (BP)

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



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

Net Weight (Kg)	72.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1650
Compo Data Sheet	124NT-FZ
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	4.3
Max Cont Current	8.5
Lock Rotor Amp	30
Fan	
Speed (rpm)	546
Power (W)	56.0
Diameter (mm)	360
Protection	Overload
IP Level	IP44
Condenser	360/11500
Liquid Receiver	
Capacity (L)	1.5
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Tube / Tube
For Tubing Out Diam	12.7 (1/2")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Tube
For Tubing Out Diam	9.5 (3/8")
Liquid Connecton Type	Brased
Heat recovery pipes	
Component/ Type of connexion	NA
For tube Outside diameter :	NA

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

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

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50 Hz R452A

N°5774

5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
25	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
32	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
43	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

50 Hz R404A

N°824S-F

5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
25	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
32	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
43	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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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
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Dew Condition	Subcooling :	3.0 K

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50 Hz R448A (*)

N°6857

5 T ambience	6 T évaporation	(°C)	-30	-25	-20	-15	-10
25	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
32	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
43	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)	-30	-25	-20	-15	-10
25	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
32	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
43	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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