



Condensing unit
Voltage Code : FZ

SILAJ9510Z-FZ

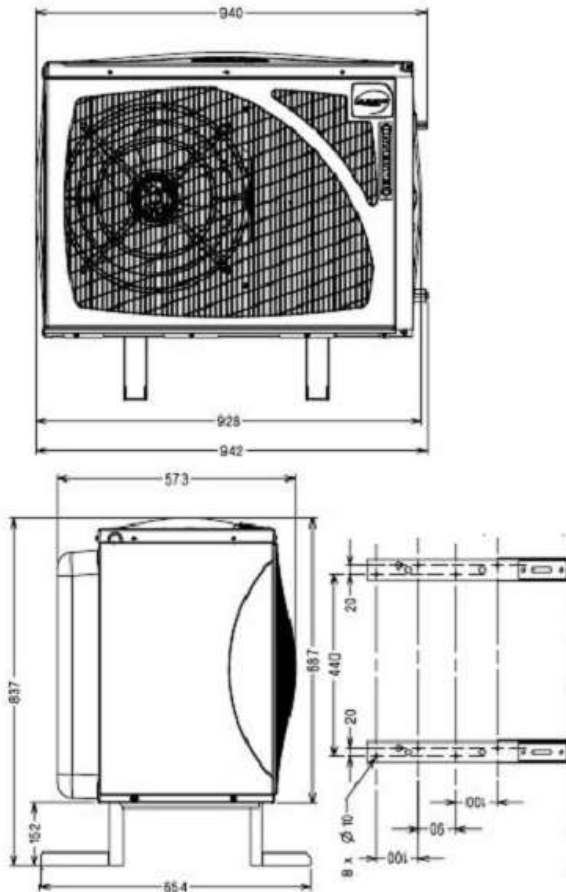
High Temp. Commercial (MHP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILAJ9510Z-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
Standard TE / R452A	50 Hz	3071	10473	57 dBA
Standard TE / R404A	50 Hz	3143	10716	57 dBA
Standard TE / R448A	50 Hz	2907	9914	57 dBA
Standard TE / R449A	50 Hz	2911	9927	57 dBA



Net Weight (Kg)	72.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1650
Compo Data Sheet	224ET-FZ
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	5.7
Max Cont Current	8.7
Lock Rotor Amp	30
Fan	
Speed (rpm)	830
Power (W)	65.0
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	15.9 (5/8")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Tube
For Tubing Out Diam	9.5 (3/8")
Liquid Connecton Type	Brased
Connection Type	TT
Fan Guard	maille < à 8mm

* Standard TE : T°Ambient 32.0°C / T°Evap. 7.2°C / T°Return gas temp.. 32.0°C
T°Subcooling. 2.0K

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



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SILAJ9510Z-FZ	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les **conditions Standard TE** :
 Condition Dew
 The performance data are in **Standard TE conditions** :
 Dew Condition

Gaz aspirés : 32.0 °C
 Sous refroidissement : 2.0 K
 Return gas : 32.0 °C
 Subcooling : 2.0 K

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50 Hz R452A

N°6344

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	989	1245	1544	1888	2276	2707	3181	3696	4251
	2 P absorbée	(W)	612	674	738	804	871	942	1015	1092	1174
	3 I absorbée	(A)	2.99	3.24	3.51	3.79	4.10	4.43	4.79	5.17	5.59
	4 Tc	(°C)	24.4	25.9	27.6	29.3	31.1	33.0	35.1	37.2	39.4
32	1 P frigorifique	(Watt)	862	1104	1382	1697	2050	2441	2870	3338	3844
	2 P absorbée	(W)	625	695	767	842	918	997	1079	1165	1256
	3 I absorbée	(A)	2.99	3.29	3.61	3.95	4.30	4.67	5.06	5.49	5.94
	4 Tc	(°C)	31.5	32.8	34.2	35.8	37.4	39.2	41.0	43.0	45.0
43	1 P frigorifique	(Watt)		874	1118	1387	1686	2014	2374	2769	3200
	2 P absorbée	(W)		714	801	890	982	1076	1173	1274	1379
	3 I absorbée	(A)		3.34	3.74	4.15	4.58	5.02	5.48	5.96	6.47
	4 Tc	(°C)		43.7	44.9	46.1	47.5	48.9	50.5	52.2	54.0

50 Hz R404A

N°924F-F

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1072	1333	1638	1986	2375	2805	3274	3779	4320
	2 P absorbée	(W)	650	713	778	845	912	981	1051	1122	1195
	3 I absorbée	(A)	3.11	3.38	3.67	3.97	4.28	4.61	4.94	5.30	5.66
	4 Tc	(°C)	27.4	28.9	30.5	32.2	33.9	35.8	37.8	39.9	42.1
32	1 P frigorifique	(Watt)	938	1185	1467	1784	2136	2524	2946	3402	3892
	2 P absorbée	(W)	657	729	803	879	955	1033	1112	1193	1275
	3 I absorbée	(A)	3.12	3.43	3.76	4.11	4.46	4.83	5.21	5.61	6.01
	4 Tc	(°C)	34.3	35.6	37.0	38.5	40.1	41.8	43.6	45.5	47.5
43	1 P frigorifique	(Watt)	720	944	1189	1459	1754	2076	2426	2805	3217
	2 P absorbée	(W)	668	755	843	932	1023	1115	1209	1304	1400
	3 I absorbée	(A)	3.13	3.52	3.91	4.32	4.75	5.18	5.63	6.09	6.57
	4 Tc	(°C)	45.2	46.2	47.3	48.5	49.8	51.2	52.7	54.3	56.0

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

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SILAJ9510Z-FZ	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions Standard TE :	Gaz aspirés :	32.0 °C
Condition Dew	Sous refroidissement :	2.0 K
The performance data are in Standard TE conditions :	Return gas :	32.0 °C
Dew Condition	Subcooling :	2.0 K

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50 Hz R448A (*)											
											N°7000
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		1082	1369	1700	2077	2502	2974	3496	4067
	2 P absorbée	(W)		637	699	764	832	902	976	1054	1135
	3 I absorbée	(A)		3.05	3.32	3.60	3.91	4.24	4.60	4.98	5.40
	4 Tc	(°C)		26.2	27.8	29.6	31.4	33.4	35.5	37.6	39.9
32	1 P frigorifique	(Watt)		957	1225	1530	1877	2267	2702	3182	3712
	2 P absorbée	(W)		659	729	802	878	957	1041	1128	1219
	3 I absorbée	(A)		3.11	3.42	3.75	4.11	4.48	4.88	5.31	5.76
	4 Tc	(°C)		33.2	34.6	36.2	37.8	39.6	41.5	43.4	45.5
43	1 P frigorifique	(Watt)			994	1262	1562	1899	2275	2693	3157
	2 P absorbée	(W)			763	851	943	1039	1139	1242	1351
	3 I absorbée	(A)			3.56	3.97	4.40	4.85	5.32	5.81	6.33
	4 Tc	(°C)			45.4	46.6	48.0	49.4	51.0	52.7	54.4

50 Hz R449A (*)											
											N°6278
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		1083	1370	1702	2080	2504	2978	3500	4072
	2 P absorbée	(W)		637	699	764	832	902	976	1054	1135
	3 I absorbée	(A)		3.05	3.32	3.60	3.91	4.24	4.60	4.98	5.40
	4 Tc	(°C)		26.2	27.9	29.6	31.5	33.4	35.5	37.6	39.9
32	1 P frigorifique	(Watt)		958	1226	1532	1880	2270	2705	3187	3716
	2 P absorbée	(W)		659	729	802	878	957	1041	1128	1219
	3 I absorbée	(A)		3.11	3.42	3.75	4.11	4.48	4.88	5.31	5.76
	4 Tc	(°C)		33.2	34.6	36.2	37.8	39.6	41.5	43.4	45.5
43	1 P frigorifique	(Watt)			995	1263	1564	1901	2278	2697	3162
	2 P absorbée	(W)			763	851	943	1039	1139	1242	1351
	3 I absorbée	(A)			3.56	3.97	4.40	4.85	5.32	5.81	6.33
	4 Tc	(°C)			45.3	46.6	47.9	49.4	51.0	52.6	54.4

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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