



Condensing unit
Voltage Code : FZ

SILAJ9513Z-FZ

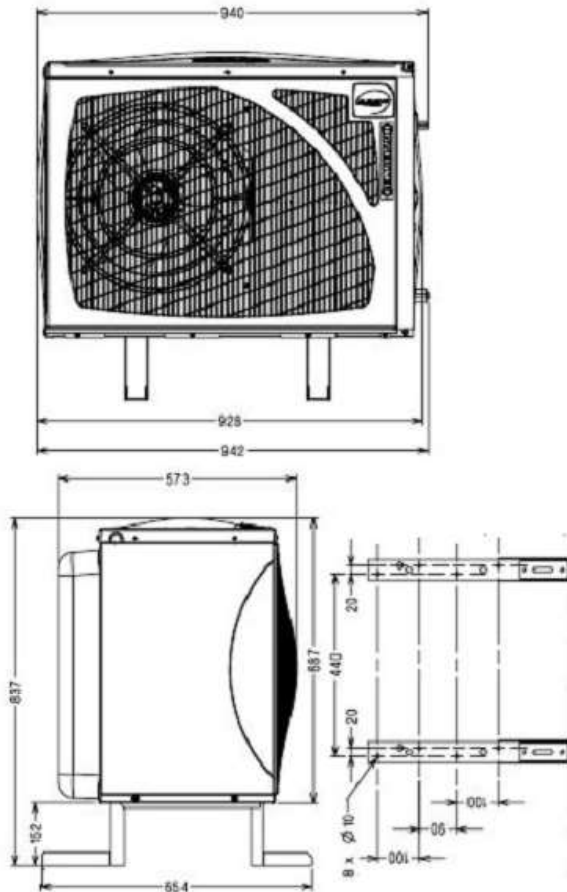
High Temp. Commercial (MHP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILAJ9513Z-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
Standard TE / R452A	50 Hz	3875	13213	57 dBA
Standard TE / R404A	50 Hz	3792	12929	57 dBA
Standard TE / R448A	50 Hz	3671	12518	57 dBA
Standard TE / R449A	50 Hz	3676	12534	57 dBA



Net Weight (Kg)	74.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1650
Compo Data Sheet	224JT-FZ
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	7
Max Cont Current	11.6
Lock Rotor Amp	33
Fan	
Speed (rpm)	830
Power (W)	65.0
Diameter (mm)	360
Protection	Overload
IP Level	IP44
Condenser	360/14100
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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SILAJ9513Z-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°6346

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1201	1539	1934	2386	2891	3447	4052	4704	5401
	2 P absorbée	(W)	681	765	849	936	1025	1118	1217	1321	1432
	3 I absorbée	(A)	3.74	4.03	4.35	4.70	5.08	5.50	5.96	6.47	7.02
	4 Tc	(°C)	24.7	26.5	28.4	30.3	32.3	34.3	36.4	38.6	40.8
32	1 P frigorifique	(Watt)	1033	1350	1714	2125	2581	3081	3623	4206	4830
	2 P absorbée	(W)	687	783	880	979	1080	1186	1296	1412	1535
	3 I absorbée	(A)	3.72	4.08	4.46	4.88	5.32	5.80	6.32	6.88	7.49
	4 Tc	(°C)	31.2	32.9	34.7	36.5	38.4	40.4	42.4	44.5	46.6
43	1 P frigorifique	(Watt)		1045	1362	1710	2091	2504	2949	3426	3939
	2 P absorbée	(W)		792	912	1033	1156	1283	1414	1550	1694
	3 I absorbée	(A)		4.08	4.57	5.09	5.64	6.22	6.83	7.48	8.17
	4 Tc	(°C)		43.1	44.8	46.5	48.2	50.0	51.9	53.8	55.8

50 Hz R404A

N°924L-F

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1280	1632	2027	2463	2939	3455	4007	4596	5221
	2 P absorbée	(W)	737	823	911	1003	1097	1193	1293	1395	1500
	3 I absorbée	(A)	3.92	4.21	4.54	4.90	5.29	5.72	6.18	6.67	7.19
	4 Tc	(°C)	27.6	29.4	31.3	33.2	35.1	37.1	39.2	41.3	43.4
32	1 P frigorifique	(Watt)	1081	1418	1786	2186	2616	3076	3567	4086	4637
	2 P absorbée	(W)	716	815	917	1022	1130	1241	1354	1470	1589
	3 I absorbée	(A)	3.82	4.18	4.57	5.00	5.45	5.95	6.47	7.03	7.62
	4 Tc	(°C)	34.1	35.7	37.5	39.2	41.1	43.0	44.9	46.9	49.0
43	1 P frigorifique	(Watt)	760	1071	1398	1739	2097	2472	2865	3277	3713
	2 P absorbée	(W)	681	803	927	1053	1183	1315	1450	1587	1728
	3 I absorbée	(A)	3.66	4.13	4.62	5.15	5.71	6.31	6.93	7.59	8.29
	4 Tc	(°C)	44.2	45.7	47.2	48.8	50.5	52.2	54.0	55.8	57.7

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

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SILAJ9513Z-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°7002

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1011	1332	1709	2143	2634	3183	3788	4451	5171
	2 P absorbée	(W)	641	721	804	889	978	1072	1170	1275	1386
	3 I absorbée	(A)	3.51	3.79	4.11	4.46	4.84	5.27	5.73	6.24	6.79
	4 Tc	(°C)	24.9	26.8	28.7	30.6	32.6	34.7	36.8	39.0	41.3
32	1 P frigorifique	(Watt)		1165	1514	1912	2361	2861	3412	4015	4673
	2 P absorbée	(W)		741	835	932	1034	1140	1251	1369	1493
	3 I absorbée	(A)		3.85	4.22	4.64	5.09	5.57	6.10	6.66	7.27
	4 Tc	(°C)		33.3	35.1	36.9	38.8	40.8	42.8	44.9	47.1
43	1 P frigorifique	(Watt)			1205	1550	1934	2360	2829	3342	3904
	2 P absorbée	(W)			867	987	1111	1240	1374	1515	1662
	3 I absorbée	(A)			4.34	4.86	5.42	6.01	6.63	7.30	8.01
	4 Tc	(°C)			45.2	46.9	48.7	50.5	52.4	54.3	56.3

50 Hz R449A (*)

N°6280

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1012	1333	1711	2146	2637	3186	3793	4456	5178
	2 P absorbée	(W)	641	721	804	889	978	1072	1170	1275	1386
	3 I absorbée	(A)	3.51	3.79	4.11	4.46	4.84	5.27	5.73	6.24	6.79
	4 Tc	(°C)	25.0	26.8	28.7	30.6	32.7	34.7	36.8	39.0	41.3
32	1 P frigorifique	(Watt)		1167	1516	1915	2364	2864	3416	4021	4679
	2 P absorbée	(W)		741	835	932	1034	1140	1251	1369	1493
	3 I absorbée	(A)		3.85	4.22	4.64	5.09	5.57	6.10	6.66	7.27
	4 Tc	(°C)		33.3	35.1	36.9	38.8	40.8	42.8	44.9	47.0
43	1 P frigorifique	(Watt)			1206	1552	1937	2363	2833	3347	3909
	2 P absorbée	(W)			867	987	1111	1240	1374	1515	1662
	3 I absorbée	(A)			4.34	4.86	5.42	6.01	6.63	7.30	8.01
	4 Tc	(°C)			45.2	46.9	48.6	50.4	52.3	54.2	56.2

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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