



Condensing unit
Voltage Code : TZ

SILAJ2446Z

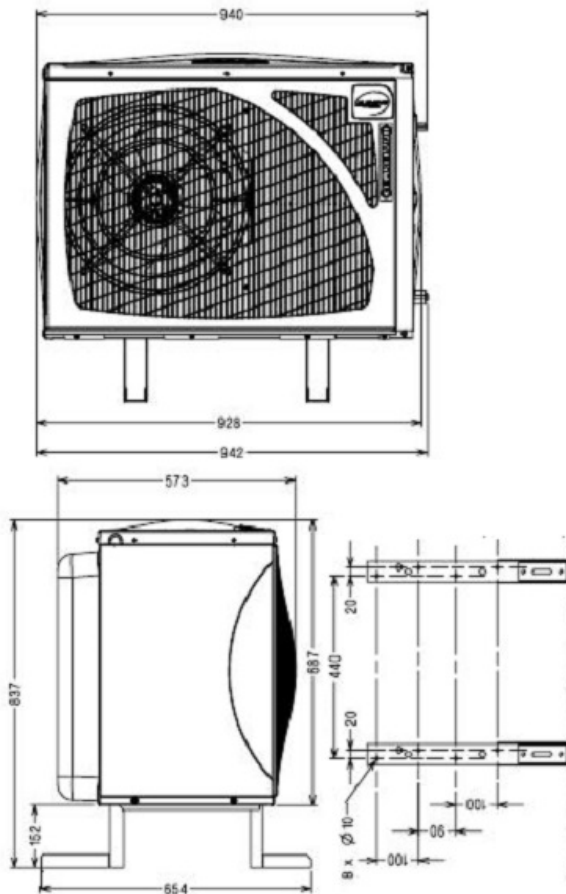
Low Temp. Commercial (BP)

400V 3~ 50Hz / 440V 3~ 60 Hz

R452A / R404A

SILAJ2446Z-TZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz / 60 Hz	613 / 711	2090 / 2425	57 dBA
EN13215 / R404A	50 Hz / 60 Hz	679 / 787	2315 / 2685	57 dBA



Net Weight (Kg)	75.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1650 / 1650
Compo Data Sheet	124NU-TZ
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	1.8 1.9
Max Cont Current	3.2 3.1
Lock Rotor Amp	13.7 13.5
Fan	
Speed (rpm)	546 / 546
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	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
Connection Type	TT
Fan Guard	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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SILAJ2446Z	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 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°5775

5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	527	723	957	1233	1554	1921	2338
	2 P absorbée	(W)	519	605	695	789	888	993	1104
	3 I absorbée	(A)	1.33	1.42	1.52	1.64	1.78	1.94	2.12
	4 Tc	(°C)	25.3	26.3	27.4	28.6	29.8	31.0	32.3
32	1 P frigorifique	(Watt)	437	613	821	1064	1345	1666	2030
	2 P absorbée	(W)	507	604	706	813	927	1047	1174
	3 I absorbée	(A)	1.32	1.42	1.54	1.68	1.84	2.01	2.21
	4 Tc	(°C)	32.1	33.3	34.6	35.9	37.3	38.7	40.2
43	1 P frigorifique	(Watt)	303	447	614	806	1025	1273	1553
	2 P absorbée	(W)	471	584	704	831	966	1110	1264
	3 I absorbée	(A)	1.27	1.40	1.55	1.71	1.90	2.10	2.32
	4 Tc	(°C)	42.9	44.4	46.0	47.6	49.3	51.0	52.8

60 Hz R452A

N°5775

5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	602	823	1086	1394	1748	2151	2603
	2 P absorbée	(W)	605	710	823	946	1081	1230	1395
	3 I absorbée	(A)	1.32	1.43	1.56	1.72	1.89	2.10	2.33
	4 Tc	(°C)	26.6	28.0	29.4	30.9	32.5	34.2	35.9
32	1 P frigorifique	(Watt)	511	711	948	1224	1540	1898	2299
	2 P absorbée	(W)	592	708	832	966	1113	1275	1453
	3 I absorbée	(A)	1.30	1.43	1.58	1.75	1.94	2.15	2.39
	4 Tc	(°C)	33.1	34.5	35.9	37.5	39.2	40.9	42.8
43	1 P frigorifique	(Watt)	370	537	731	955	1209	1496	1817
	2 P absorbée	(W)	552	685	826	979	1145	1326	1525
	3 I absorbée	(A)	1.26	1.41	1.58	1.77	1.98	2.22	2.48
	4 Tc	(°C)	43.4	44.8	46.4	48.1	49.9	51.7	53.7

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
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

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50 Hz R404A

N°824S-T

5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	589	799	1048	1336	1665	2036	2451
	2 P absorbée	(W)	570	654	744	841	944	1054	1170
	3 I absorbée	(A)	1.41	1.50	1.61	1.74	1.89	2.05	2.23
	4 Tc	(°C)	28.2	29.3	30.3	31.5	32.6	33.9	35.1
32	1 P frigorifique	(Watt)	491	679	898	1150	1437	1758	2115
	2 P absorbée	(W)	549	647	751	861	978	1102	1232
	3 I absorbée	(A)	1.39	1.50	1.63	1.77	1.93	2.11	2.30
	4 Tc	(°C)	34.9	36.1	37.3	38.6	40.0	41.4	42.8
43	1 P frigorifique	(Watt)	347	500	675	872	1092	1336	1605
	2 P absorbée	(W)	516	636	761	894	1032	1177	1329
	3 I absorbée	(A)	1.37	1.50	1.65	1.82	2.00	2.20	2.42
	4 Tc	(°C)	45.4	46.9	48.4	49.9	51.5	53.2	54.8

60 Hz R404A

N°824S-T

5 T ambience	6 T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
25	1 P frigorifique	(Watt)	673	909	1186	1506	1869	2273	2719
	2 P absorbée	(W)	677	784	903	1033	1174	1326	1490
	3 I absorbée	(A)	1.50	1.62	1.75	1.91	2.09	2.30	2.52
	4 Tc	(°C)	29.5	30.9	32.2	33.7	35.3	36.9	38.7
32	1 P frigorifique	(Watt)	574	787	1036	1321	1642	1999	2390
	2 P absorbée	(W)	653	772	902	1043	1196	1360	1535
	3 I absorbée	(A)	1.48	1.61	1.76	1.93	2.13	2.34	2.58
	4 Tc	(°C)	35.9	37.2	38.7	40.2	41.8	43.5	45.3
43	1 P frigorifique	(Watt)	422	600	803	1033	1288	1569	1876
	2 P absorbée	(W)	616	753	901	1060	1231	1413	1606
	3 I absorbée	(A)	1.44	1.60	1.77	1.96	2.18	2.42	2.68
	4 Tc	(°C)	45.9	47.3	48.8	50.4	52.1	53.9	55.7

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