



Condensing unit  
Voltage Code : TZ

# SILAJ4517Z-TZ

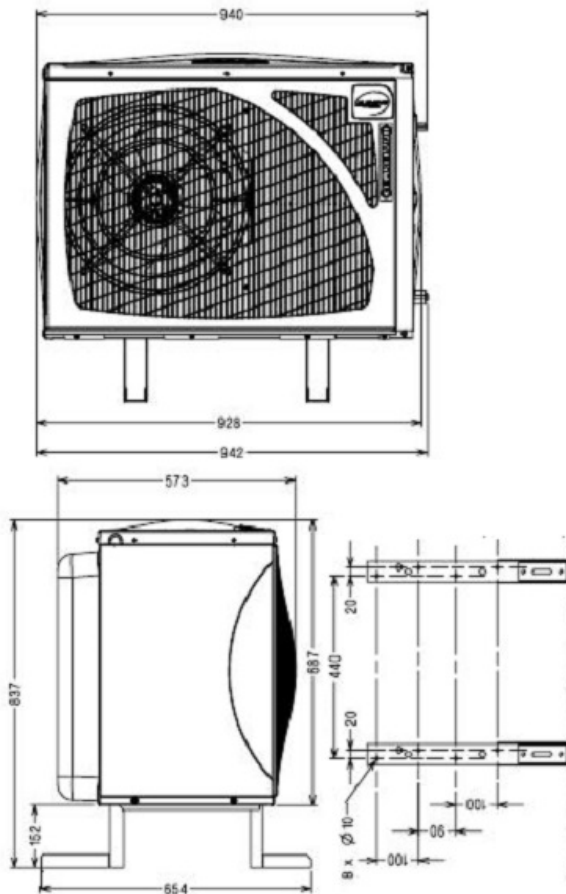
High Temp. Commercial (HP)

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

R452A / R404A / R448A / R449A

SILAJ4517Z-TZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	2184	7449	58 dBA
EN13215 / R404A	50 Hz	2292	7815	58 dBA
EN13215 / R448A	50 Hz	1995	6801	58 dBA
EN13215 / R449A	50 Hz	1995	6805	58 dBA



\* EN13215 : T°Ambient 32.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

<b>Net Weight (Kg)</b>	73.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	1650 / 1650
<b>Compo Data Sheet</b>	224LU-TZ
<b>Elec Comp Type</b>	TRI
<b>Current (Amp)</b>	
Load Rated Amp	3.3   3.3
Max Cont Current	4.7   5.1
Lock Rotor Amp	18.3   18.3
<b>Fan</b>	
Speed (rpm)	546 / 546
Power (W)	65.0
Diameter (mm)	360
Protection	Overload
IP Level	IP44
<b>Condenser</b>	360/14100
<b>Liquid Receiver</b>	
Capacity (L)	2.35
Maximum Pressure (Bars)	32.0
<b>Suction Line</b>	
Suction Type	Tube / Tube
For Tubing Out Diam	15.9 (5/8")
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

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<b>SILAJ4517Z-TZ</b>	<b>Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 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°5809</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	1213	1586	2000	2457	2957	3499	4085	4715	5393
	2   P absorbée	(W)	817	920	1022	1125	1232	1345	1465	1594	1734
	3   I absorbée	(A)	2.19	2.31	2.43	2.56	2.71	2.87	3.04	3.23	3.44
	4   Tc	(°C)	28.2	29.6	31.2	33.0	35.0	37.0	39.1	41.3	43.4
<b>32</b>	1   P frigorifique	(Watt)		1379	1765	2184	2638	3125	3649	4213	4821
	2   P absorbée	(W)		940	1056	1174	1295	1420	1553	1693	1843
	3   I absorbée	(A)		2.32	2.47	2.62	2.79	2.97	3.16	3.37	3.59
	4   Tc	(°C)		35.6	37.2	39.0	40.9	42.9	44.9	46.9	48.9
<b>43</b>	1   P frigorifique	(Watt)			1387	1745	2124	2526	2954	3415	3919
	2   P absorbée	(W)			1092	1236	1383	1533	1688	1849	2018
	3   I absorbée	(A)			2.51	2.70	2.90	3.11	3.34	3.57	3.82
	4   Tc	(°C)			46.8	48.5	50.3	52.2	54.1	56.0	57.8

<b>50 Hz R404A</b>											
											<b>N°5296</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	1321	1700	2119	2578	3075	3609	4180	4788	5436
	2   P absorbée	(W)	861	965	1067	1170	1276	1387	1504	1628	1762
	3   I absorbée	(A)	2.31	2.42	2.54	2.66	2.80	2.96	3.12	3.30	3.49
	4   Tc	(°C)	31.1	32.5	34.1	35.8	37.7	39.7	41.8	43.8	45.9
<b>32</b>	1   P frigorifique	(Watt)		1483	1873	2292	2740	3217	3723	4261	4835
	2   P absorbée	(W)		990	1107	1224	1343	1466	1594	1729	1872
	3   I absorbée	(A)		2.44	2.58	2.73	2.89	3.07	3.25	3.45	3.65
	4   Tc	(°C)		38.4	39.9	41.7	43.5	45.4	47.3	49.3	51.2
<b>43</b>	1   P frigorifique	(Watt)			1476	1832	2203	2590	2995	3426	3890
	2   P absorbée	(W)			1151	1294	1438	1585	1735	1890	2050
	3   I absorbée	(A)			2.63	2.82	3.01	3.22	3.43	3.66	3.89
	4   Tc	(°C)			49.1	50.8	52.5	54.3	56.1	57.9	59.6

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

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<b>SILAJ4517Z-TZ</b>	<b>Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz</b>
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Les performances sont données dans les **conditions EN13215** :  
 Condition Dew  
 The performance data are in **EN13215 conditions** :  
 Dew Condition

Gaz aspirés : 20.0 °C  
 Sous refroidissement : 3.0 K  
 Return gas : 20.0 °C  
 Subcooling : 3.0 K

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**50 Hz R448A (\*)**

**N°6862**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1025	1385	1787	2236	2735	3284	3889	4551	5277
	2   P absorbée	(W)	771	869	968	1070	1177	1290	1410	1540	1679
	3   I absorbée	(A)	2.07	2.18	2.30	2.44	2.58	2.75	2.92	3.12	3.32
	4   Tc	(°C)	28.5	29.9	31.6	33.4	35.4	37.4	39.5	41.7	43.9
<b>32</b>	1   P frigorifique	(Watt)		1200	1578	1995	2453	2956	3508	4114	4781
	2   P absorbée	(W)		889	1003	1119	1240	1367	1502	1644	1795
	3   I absorbée	(A)		2.20	2.34	2.50	2.67	2.85	3.05	3.27	3.49
	4   Tc	(°C)		36.0	37.6	39.4	41.3	43.3	45.4	47.4	49.4
<b>43</b>	1   P frigorifique	(Watt)			1246	1611	2007	2438	2909	3428	
	2   P absorbée	(W)			1038	1182	1331	1484	1644	1811	
	3   I absorbée	(A)			2.39	2.58	2.79	3.01	3.24	3.49	
	4   Tc	(°C)			47.3	49.0	50.8	52.7	54.6	56.4	

**50 Hz R449A (\*)**

**N°5338**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1026	1385	1788	2237	2736	3286	3891	4553	5280
	2   P absorbée	(W)	771	869	968	1070	1177	1290	1410	1540	1679
	3   I absorbée	(A)	2.07	2.18	2.30	2.44	2.58	2.75	2.92	3.12	3.32
	4   Tc	(°C)	28.5	30.0	31.6	33.4	35.4	37.4	39.5	41.7	43.9
<b>32</b>	1   P frigorifique	(Watt)		1201	1579	1995	2454	2957	3510	4116	4783
	2   P absorbée	(W)		889	1003	1119	1240	1367	1502	1644	1795
	3   I absorbée	(A)		2.20	2.34	2.50	2.67	2.85	3.05	3.27	3.49
	4   Tc	(°C)		36.0	37.6	39.4	41.3	43.3	45.3	47.4	49.4
<b>43</b>	1   P frigorifique	(Watt)			1246	1612	2008	2439	2911	3430	
	2   P absorbée	(W)			1038	1182	1331	1484	1644	1811	
	3   I absorbée	(A)			2.39	2.58	2.79	3.01	3.24	3.49	
	4   Tc	(°C)			47.2	49.0	50.8	52.6	54.5	56.4	

**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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