



Condensing unit  
Voltage Code : FZ

# SILAJ4517Z-FZ

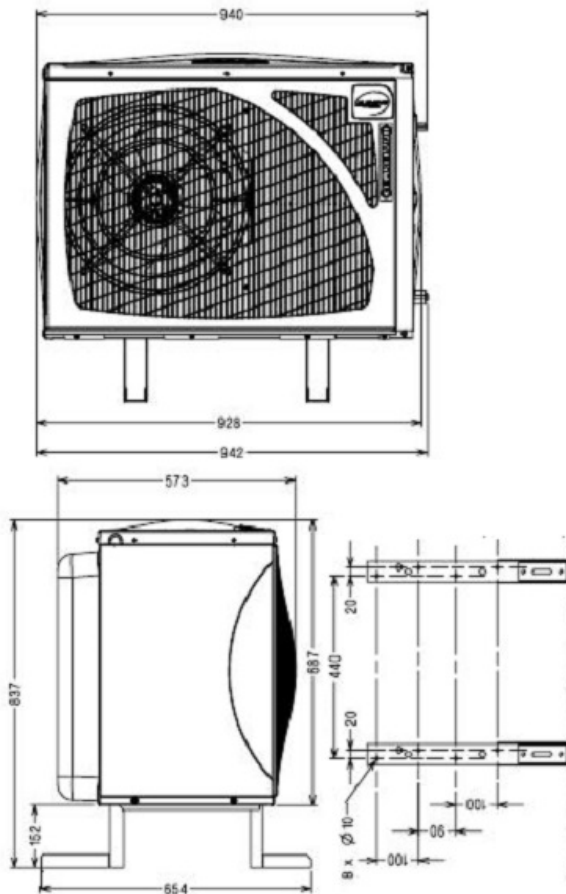
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILAJ4517Z-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	2190	7470	58 dBA
EN13215 / R404A	50 Hz	2296	7830	58 dBA
EN13215 / R448A	50 Hz	2003	6831	58 dBA
EN13215 / R449A	50 Hz	2004	6835	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
<b>Compo Data Sheet</b>	224LT-FZ
<b>Elec Comp Type</b>	CSR
<b>Current (Amp)</b>	
Load Rated Amp	7.6
Max Cont Current	13
Lock Rotor Amp	39
<b>Fan</b>	
Speed (rpm)	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

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



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<b>SILAJ4517Z-FZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 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

<b>50 Hz R452A</b>											
<b>N°5808</b>											
5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1275	1622	2014	2453	2938	3469	4044	4665	5336
	2   P absorbée	(W)	793	883	974	1069	1171	1280	1401	1533	1678
	3   I absorbée	(A)	4.21	4.57	4.96	5.39	5.85	6.36	6.91	7.51	8.15
	4   Tc	(°C)	28.4	29.7	31.3	33.0	34.9	36.9	39.0	41.1	43.2
<b>32</b>	1   P frigorifique	(Watt)		1432	1792	2190	2626	3099	3610	4163	4762
	2   P absorbée	(W)		907	1011	1118	1230	1350	1479	1620	1773
	3   I absorbée	(A)		4.71	5.16	5.63	6.14	6.70	7.29	7.92	8.59
	4   Tc	(°C)		35.8	37.3	39.0	40.8	42.8	44.8	46.8	48.8
<b>43</b>	1   P frigorifique	(Watt)			1438	1772	2129	2513	2926	3374	3867
	2   P absorbée	(W)			1048	1177	1310	1450	1598	1755	1924
	3   I absorbée	(A)			5.30	5.86	6.46	7.08	7.74	8.44	9.18
	4   Tc	(°C)			47.0	48.6	50.3	52.2	54.0	55.8	57.6

<b>50 Hz R404A</b>											
<b>N°5241</b>											
5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1383	1736	2132	2573	3056	3578	4140	4740	5381
	2   P absorbée	(W)	835	926	1017	1112	1212	1321	1438	1566	1707
	3   I absorbée	(A)	4.43	4.79	5.18	5.60	6.06	6.56	7.10	7.67	8.29
	4   Tc	(°C)	31.3	32.6	34.1	35.8	37.6	39.6	41.6	43.7	45.8
<b>32</b>	1   P frigorifique	(Watt)		1536	1899	2296	2726	3189	3683	4211	4778
	2   P absorbée	(W)		955	1059	1165	1275	1393	1519	1655	1803
	3   I absorbée	(A)		4.96	5.40	5.87	6.38	6.92	7.49	8.10	8.74
	4   Tc	(°C)		38.6	40.0	41.7	43.4	45.3	47.2	49.1	51.1
<b>43</b>	1   P frigorifique	(Watt)			1528	1858	2206	2575	2967	3385	3840
	2   P absorbée	(W)			1104	1232	1363	1499	1643	1794	1955
	3   I absorbée	(A)			5.60	6.15	6.73	7.34	7.98	8.65	9.34
	4   Tc	(°C)			49.4	50.9	52.6	54.3	56.0	57.7	59.4

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

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

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**50 Hz R448A (\*)**

**N°6861**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1085	1421	1803	2235	2718	3255	3848	4500	5216
	2   P absorbée	(W)	750	836	924	1018	1118	1228	1347	1478	1622
	3   I absorbée	(A)	3.98	4.33	4.71	5.13	5.59	6.10	6.65	7.25	7.88
	4   Tc	(°C)	28.7	30.0	31.6	33.3	35.3	37.3	39.4	41.6	43.7
<b>32</b>	1   P frigorifique	(Watt)		1253	1607	2003	2444	2931	3469	4063	4718
	2   P absorbée	(W)		860	961	1066	1178	1298	1429	1571	1724
	3   I absorbée	(A)		4.46	4.89	5.36	5.88	6.43	7.03	7.67	8.35
	4   Tc	(°C)		36.2	37.7	39.4	41.3	43.2	45.2	47.3	49.3
<b>43</b>	1   P frigorifique	(Watt)			1299	1641	2016	2428	2882	3386	
	2   P absorbée	(W)			997	1126	1260	1403	1555	1717	
	3   I absorbée	(A)			5.03	5.59	6.19	6.83	7.51	8.23	
	4   Tc	(°C)			47.5	49.1	50.8	52.6	54.5	56.3	

**50 Hz R449A (\*)**

**N°5337**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1085	1421	1804	2236	2720	3257	3850	4502	5219
	2   P absorbée	(W)	750	836	924	1018	1118	1228	1347	1478	1622
	3   I absorbée	(A)	3.98	4.33	4.71	5.13	5.59	6.10	6.65	7.25	7.88
	4   Tc	(°C)	28.7	30.1	31.6	33.4	35.3	37.3	39.4	41.5	43.7
<b>32</b>	1   P frigorifique	(Watt)		1253	1608	2004	2445	2933	3471	4065	4721
	2   P absorbée	(W)		860	961	1066	1178	1298	1429	1571	1724
	3   I absorbée	(A)		4.46	4.89	5.36	5.88	6.43	7.03	7.67	8.35
	4   Tc	(°C)		36.2	37.7	39.4	41.3	43.2	45.2	47.2	49.2
<b>43</b>	1   P frigorifique	(Watt)			1300	1642	2017	2429	2884	3388	
	2   P absorbée	(W)			997	1126	1260	1403	1555	1717	
	3   I absorbée	(A)			5.03	5.59	6.19	6.83	7.51	8.23	
	4   Tc	(°C)			47.5	49.1	50.8	52.6	54.4	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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