



Condensing unit  
Voltage Code : FZ

# SILAJ4519Z-FZ

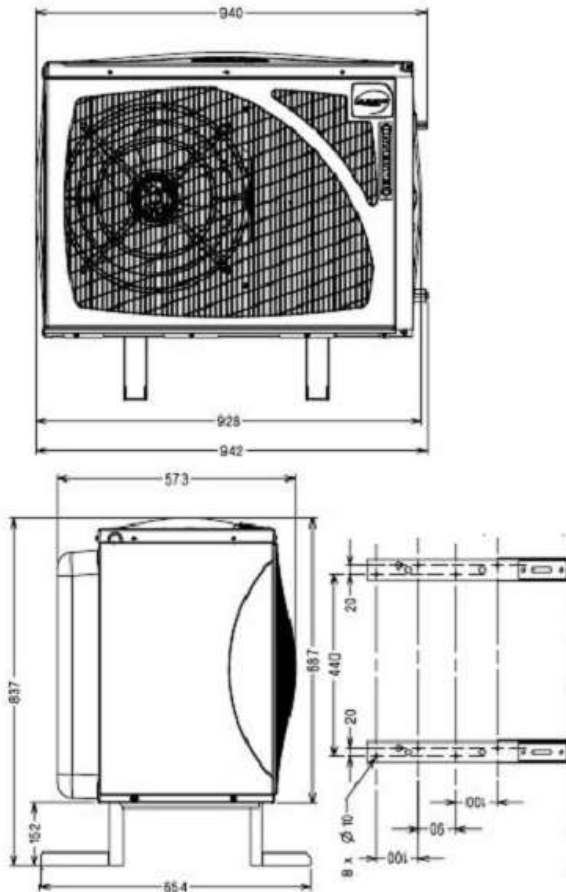
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILAJ4519Z-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
Standard TE / R452A	50 Hz	5014	17097	59 dBA
Standard TE / R404A	50 Hz	5113	17434	59 dBA
Standard TE / R448A	50 Hz	4802	16374	59 dBA
Standard TE / R449A	50 Hz	4808	16397	59 dBA



<b>Net Weight (Kg)</b>	74.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	1650
<b>Compo Data Sheet</b>	224ST-FZ
<b>Elec Comp Type</b>	CSR
<b>Current (Amp)</b>	
Load Rated Amp	10.2
Max Cont Current	15.5
Lock Rotor Amp	45
<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

\* 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.



**Tecumseh**

<b>SILAJ4519Z-FZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 Hz</b>
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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°5810**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)		2079	2605	3182	3811	4494	5239	6058	6971
	2   P absorbée	(W)		1259	1389	1528	1676	1836	2007	2189	2381
	3   I absorbée	(A)		5.75	6.31	6.93	7.61	8.36	9.18	10.1	11.0
	4   Tc	(°C)		31.3	33.2	35.3	37.5	39.7	41.9	43.9	45.8
<b>32</b>	1   P frigorifique	(Watt)			2322	2848	3416	4030	4698	5438	6273
	2   P absorbée	(W)			1432	1584	1746	1920	2104	2299	2502
	3   I absorbée	(A)			6.44	7.14	7.89	8.71	9.59	10.5	11.5
	4   Tc	(°C)			39.2	41.2	43.3	45.5	47.5	49.4	51.0
<b>43</b>	1   P frigorifique	(Watt)				2308	2778	3281	3830	4448	5168
	2   P absorbée	(W)				1653	1842	2042	2252	2471	2696
	3   I absorbée	(A)				7.42	8.29	9.22	10.2	11.2	12.3
	4   Tc	(°C)				50.6	52.6	54.6	56.4	58.1	59.4

### 50 Hz R404A

**N°5242**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)		2233	2765	3345	3971	4646	5375	6170	7054
	2   P absorbée	(W)		1323	1453	1592	1739	1896	2063	2239	2423
	3   I absorbée	(A)		6.05	6.61	7.22	7.90	8.64	9.44	10.3	11.2
	4   Tc	(°C)		34.1	36.0	38.1	40.2	42.4	44.5	46.4	48.2
<b>32</b>	1   P frigorifique	(Watt)		1975	2468	2995	3558	4160	4808	5521	6323
	2   P absorbée	(W)		1359	1503	1654	1815	1984	2163	2350	2544
	3   I absorbée	(A)		6.13	6.77	7.46	8.20	9.01	9.87	10.8	11.7
	4   Tc	(°C)		40.0	41.8	43.8	45.9	47.9	49.8	51.6	53.2
<b>43</b>	1   P frigorifique	(Watt)			1987	2431	2892	3377	3901	4486	5166
	2   P absorbée	(W)			1558	1735	1921	2115	2318	2528	2741
	3   I absorbée	(A)			6.97	7.78	8.64	9.55	10.5	11.5	12.5
	4   Tc	(°C)			50.9	52.8	54.7	56.6	58.3	59.8	61.1

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

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**Tecumseh**

<b>SILAJ4519Z-FZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les <b>conditions Standard TE</b> :	Gaz aspirés :	32.0 °C
Condition Dew	Sous refroidissement :	2.0 K
The performance data are in <b>Standard TE conditions</b> :	Return gas :	32.0 °C
Dew Condition	Subcooling :	2.0 K

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**50 Hz R448A (\*)**

**N°6863**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1346	1800	2306	2868	3490	4178	4939	5787	6743
	2   P absorbée	(W)	1074	1190	1316	1452	1600	1760	1932	2115	2307
	3   I absorbée	(A)	4.94	5.42	5.96	6.57	7.26	8.01	8.83	9.71	10.6
	4   Tc	(°C)	29.9	31.6	33.6	35.7	37.9	40.2	42.4	44.4	46.3
<b>32</b>	1   P frigorifique	(Watt)		1582	2056	2575	3145	3773	4470	5250	6139
	2   P absorbée	(W)		1220	1360	1510	1673	1848	2035	2233	2439
	3   I absorbée	(A)		5.49	6.11	6.79	7.55	8.38	9.27	10.2	11.2
	4   Tc	(°C)		37.7	39.6	41.7	43.8	45.9	48.0	49.9	51.5
<b>43</b>	1   P frigorifique	(Watt)				2111	2600	3134	3729		
	2   P absorbée	(W)				1580	1772	1978	2195		
	3   I absorbée	(A)				7.09	7.97	8.92	9.93		
	4   Tc	(°C)				51.1	53.1	55.1	56.9		

**50 Hz R449A (\*)**

**N°5339**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1347	1802	2309	2872	3495	4183	4945	5795	6752
	2   P absorbée	(W)	1074	1190	1316	1452	1600	1760	1932	2115	2307
	3   I absorbée	(A)	4.94	5.42	5.96	6.57	7.26	8.01	8.83	9.71	10.6
	4   Tc	(°C)	29.9	31.7	33.6	35.7	37.9	40.2	42.3	44.4	46.2
<b>32</b>	1   P frigorifique	(Watt)		1584	2058	2579	3150	3778	4476	5258	6147
	2   P absorbée	(W)		1220	1360	1510	1673	1848	2035	2233	2439
	3   I absorbée	(A)		5.49	6.11	6.79	7.55	8.38	9.27	10.2	11.2
	4   Tc	(°C)		37.7	39.6	41.7	43.8	45.9	47.9	49.8	51.5
<b>43</b>	1   P frigorifique	(Watt)				2114	2603	3139	3735		
	2   P absorbée	(W)				1580	1772	1978	2195		
	3   I absorbée	(A)				7.09	7.97	8.92	9.93		
	4   Tc	(°C)				51.1	53.0	55.0	56.8		

**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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