



Condensing unit  
Voltage Code : XG

# SILFH2511Z-XG

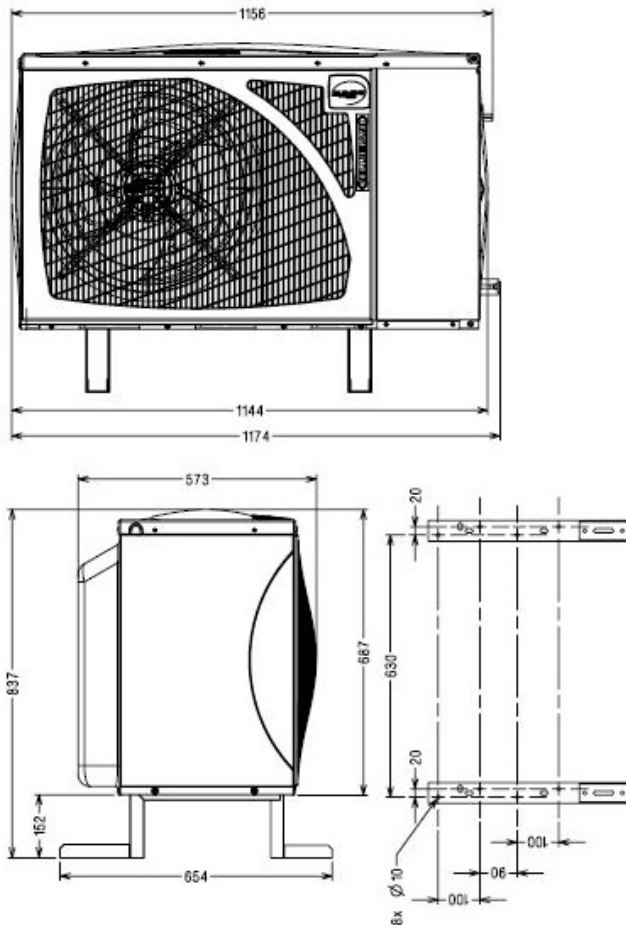
Low Temp. Commercial (BP)

380-420V 3~ 50Hz / 460V 3~ 60 Hz

R452A / R404A / R448A / R449A

SILFH2511Z-XG

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1539	5249	67 dBA
EN13215 / R404A	50 Hz	1876	6396	67 dBA
EN13215 / R448A	50 Hz	1358	4630	67 dBA
EN13215 / R449A	50 Hz	1356	4625	67 dBA



\* EN13215 : T°Ambient 32.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

<b>Net Weight (Kg)</b>	84.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	2700
<b>Elec Comp Type</b>	TRI
<b>Current (Amp)</b>	
Load Rated Amp	5.3
Max Cont Current	8.7
Lock Rotor Amp	60
<b>Fan</b>	
Speed (rpm)	830 / 830
Power (W)	95.0
Diameter (mm)	450
Protection	Electronic
IP Level	IP44
<b>Condenser</b>	450/11500
<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.



**Tecumseh**

<b>SILFH2511Z-XG</b>	<b>Tension XG : 380-420V 3~ 50Hz / 460V 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

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### 50 Hz R452A

N°User-246

5   T ambience	6   T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
<b>25</b>	1   P frigorifique	(Watt)	1303	1871	2554	3351	4260	5276	6392
	2   P absorbée	(W)	1201	1467	1751	2056	2384	2740	3128
	3   I absorbée	(A)	3.75	3.93	4.14	4.40	4.70	5.05	5.45
	4   Tc	(°C)	28.1	29.9	31.9	34.1	36.5	39.1	41.9
<b>32</b>	1   P frigorifique	(Watt)	1008	1539	2172	2907	3746	4686	5722
	2   P absorbée	(W)	1140	1428	1738	2070	2427	2813	3231
	3   I absorbée	(A)	3.67	3.88	4.13	4.42	4.74	5.11	5.53
	4   Tc	(°C)	34.6	36.3	38.1	40.2	42.4	44.8	47.4
<b>43</b>	1   P frigorifique	(Watt)	559	1025	1575	2213	2943	3764	4679
	2   P absorbée	(W)	983	1310	1662	2040	2446	2881	3350
	3   I absorbée	(A)	3.46	3.73	4.04	4.38	4.75	5.16	5.62
	4   Tc	(°C)	44.9	46.3	48.0	49.7	51.7	53.8	56.1

### 50 Hz R404A

N°User-245

5   T ambience	6   T évaporation	(°C)	-40	-35	-30	-25	-20	-15	-10
<b>25</b>	1   P frigorifique	(Watt)	1617	2227	2956	3803	4764	5827	6981
	2   P absorbée	(W)	1324	1595	1881	2183	2506	2852	3227
	3   I absorbée	(A)	4.05	4.20	4.40	4.64	4.92	5.26	5.64
	4   Tc	(°C)	28.7	30.5	32.5	34.6	36.8	39.3	42.0
<b>32</b>	1   P frigorifique	(Watt)	1308	1876	2550	3329	4211	5189	6251
	2   P absorbée	(W)	1285	1579	1891	2223	2576	2954	3361
	3   I absorbée	(A)	4.02	4.21	4.43	4.70	5.01	5.36	5.77
	4   Tc	(°C)	35.2	36.9	38.7	40.6	42.7	45.0	47.5
<b>43</b>	1   P frigorifique	(Watt)	830	1327	1910	2580	3338	4180	5101
	2   P absorbée	(W)	1165	1499	1856	2236	2640	3071	3531
	3   I absorbée	(A)	3.91	4.14	4.42	4.73	5.08	5.47	5.91
	4   Tc	(°C)	45.5	47.0	48.5	50.2	52.0	54.0	56.2

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

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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

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### 50 Hz R448A (\*)

N°User-248

5   T ambience	6   T évaporation	(°C)	-30	-25	-20	-15	-10
<b>25</b>	1   P frigorifique	(Watt)	2329	3125	4054	5122	6332
	2   P absorbée	(W)	1635	1923	2232	2565	2927
	3   I absorbée	(A)	3.91	4.16	4.45	4.78	5.17
	4   Tc	(°C)	29.9	31.8	34.0	36.3	38.9
<b>32</b>	1   P frigorifique	(Watt)	1983	2725	3593	4591	5726
	2   P absorbée	(W)	1621	1938	2279	2645	3041
	3   I absorbée	(A)	3.89	4.18	4.50	4.86	5.27
	4   Tc	(°C)	36.4	38.2	40.2	42.4	44.8
<b>43</b>	1   P frigorifique	(Watt)	1438	2095	2864	3754	4771
	2   P absorbée	(W)	1544	1910	2302	2723	3176
	3   I absorbée	(A)	3.79	4.14	4.51	4.92	5.37
	4   Tc	(°C)	46.6	48.2	49.9	51.9	54.0

### 50 Hz R449A (\*)

N°User-247

5   T ambience	6   T évaporation	(°C)	-30	-25	-20	-15	-10
<b>25</b>	1   P frigorifique	(Watt)	2327	3121	4048	5112	6318
	2   P absorbée	(W)	1635	1924	2233	2568	2930
	3   I absorbée	(A)	3.91	4.16	4.45	4.79	5.17
	4   Tc	(°C)	30.0	31.9	34.1	36.5	39.0
<b>32</b>	1   P frigorifique	(Watt)	1980	2721	3586	4580	5711
	2   P absorbée	(W)	1621	1939	2280	2647	3044
	3   I absorbée	(A)	3.89	4.18	4.50	4.86	5.27
	4   Tc	(°C)	36.5	38.3	40.3	42.5	44.9
<b>43</b>	1   P frigorifique	(Watt)	1434	2089	2856	3742	4755
	2   P absorbée	(W)	1543	1909	2302	2724	3178
	3   I absorbée	(A)	3.79	4.13	4.51	4.92	5.37
	4   Tc	(°C)	46.7	48.2	50.0	52.0	54.1

**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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