



Condensing unit  
Voltage Code : XC

# SILFH2511Z-XC

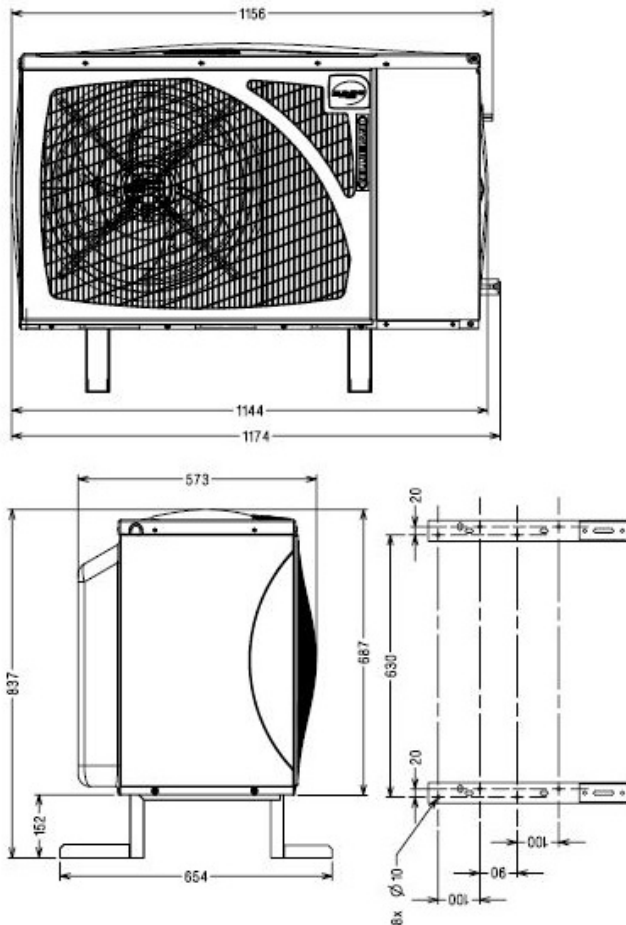
Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILFH2511Z-XC

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
Standard TE / R452A	50 Hz	3512	11977	67 dBA
Standard TE / R404A	50 Hz	4004	13655	67 dBA
Standard TE / R448A	50 Hz	3291	11221	67 dBA
Standard TE / R449A	50 Hz	3287	11208	67 dBA



\* Standard TE : T°Ambient 32.0°C / T°Evap. -23.3°C / T°Return gas temp.. 32.0°C  
T°Subcooling. 2.0K

<b>Net Weight (Kg)</b>	86.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	2700
<b>Elec Comp Type</b>	CSR
<b>Current (Amp)</b>	
Load Rated Amp	12.1
Max Cont Current	24,4
Lock Rotor Amp	71
<b>Fan</b>	
Speed (rpm)	830
Power (W)	90.0
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>Heat recovery pipes</b>	
Component/ Type of connexion	NA
For tube Outside diameter :	NA
<b>Fan Guard</b>	maille < à 8mm

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<b>SILFH2511Z-XC</b>	<b>Tension XC : 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

<b>50 Hz R452A</b>									
<b>N°User-242</b>									
5   T ambience	6   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	1397	2032	2791	3673	4674	5786	6999
	2   P absorbée	(W)	1263	1553	1863	2196	2557	2952	3386
	3   I absorbée	(A)	7.74	8.17	8.69	9.32	10.0	10.9	11.9
	4   Tc	(°C)	29.6	31.5	33.5	35.8	38.4	41.2	44.3
<b>32</b>	1   P frigorifique	(Watt)	1093	1687	2393	3209	4136	5166	6295
	2   P absorbée	(W)	1197	1508	1843	2204	2594	3018	3482
	3   I absorbée	(A)	7.55	8.06	8.65	9.34	10.1	11.0	12.0
	4   Tc	(°C)	35.7	37.4	39.4	41.5	43.9	46.6	49.5
<b>43</b>	1   P frigorifique	(Watt)		1151	1768	2480	3289	4196	5201
	2   P absorbée	(W)		1385	1761	2166	2604	3077	3590
	3   I absorbée	(A)		7.71	8.43	9.23	10.1	11.1	12.2
	4   Tc	(°C)		46.8	48.6	50.6	52.8	55.2	57.9

<b>50 Hz R404A</b>									
<b>N°User-241</b>									
5   T ambience	6   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	1754	2436	3247	4185	5240	6402	7654
	2   P absorbée	(W)	1401	1695	2008	2340	2697	3083	3506
	3   I absorbée	(A)	8.47	8.85	9.32	9.91	10.6	11.4	12.4
	4   Tc	(°C)	30.2	32.1	34.1	36.3	38.7	41.4	44.4
<b>32</b>	1   P frigorifique	(Watt)	1433	2070	2821	3686	4658	5728	6884
	2   P absorbée	(W)	1356	1674	2012	2374	2761	3179	3635
	3   I absorbée	(A)	8.40	8.84	9.38	10.0	10.8	11.6	12.6
	4   Tc	(°C)	36.3	38.0	39.9	42.0	44.3	46.9	49.7
<b>43</b>	1   P frigorifique	(Watt)	935	1495	2148	2894	3733	4661	5673
	2   P absorbée	(W)	1233	1588	1970	2379	2817	3288	3796
	3   I absorbée	(A)	8.13	8.69	9.33	10.1	10.9	11.9	12.9
	4   Tc	(°C)	45.8	47.5	49.2	51.1	53.2	55.5	58.0

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

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<b>SILFH2511Z-XC</b>	<b>Tension XC : 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°User-244**

5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	2517	3394	4415	5582	6899
	2   P absorbée	(W)	1739	2054	2395	2763	3167
	3   I absorbée	(A)	8.14	8.75	9.46	10.3	11.2
	4   Tc	(°C)	31.6	33.5	35.8	38.2	41.0
<b>32</b>	1   P frigorifique	(Watt)	2160	2981	3936	5030	6265
	2   P absorbée	(W)	1719	2064	2435	2837	3275
	3   I absorbée	(A)	8.09	8.77	9.55	10.4	11.4
	4   Tc	(°C)	37.6	39.4	41.6	43.9	46.6
<b>43</b>	1   P frigorifique	(Watt)	1596	2328	3179	4157	5265
	2   P absorbée	(W)	1637	2029	2451	2907	3402
	3   I absorbée	(A)	7.85	8.66	9.56	10.5	11.6
	4   Tc	(°C)	47.1	48.8	50.7	52.9	55.4

**50 Hz R449A (\*)**

**N°User-243**

5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	2517	3392	4410	5575	6887
	2   P absorbée	(W)	1738	2055	2396	2766	3171
	3   I absorbée	(A)	8.14	8.75	9.46	10.3	11.2
	4   Tc	(°C)	31.6	33.6	35.9	38.4	41.2
<b>32</b>	1   P frigorifique	(Watt)	2159	2978	3931	5021	6251
	2   P absorbée	(W)	1719	2064	2436	2839	3279
	3   I absorbée	(A)	8.09	8.77	9.55	10.4	11.4
	4   Tc	(°C)	37.6	39.5	41.7	44.1	46.7
<b>43</b>	1   P frigorifique	(Watt)	1594	2323	3172	4146	5249
	2   P absorbée	(W)	1636	2028	2451	2908	3404
	3   I absorbée	(A)	7.85	8.66	9.56	10.5	11.6
	4   Tc	(°C)	47.2	48.8	50.8	53.1	55.6

**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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