



Condensing unit  
Voltage Code : XC

# SILFH4524Z-XC

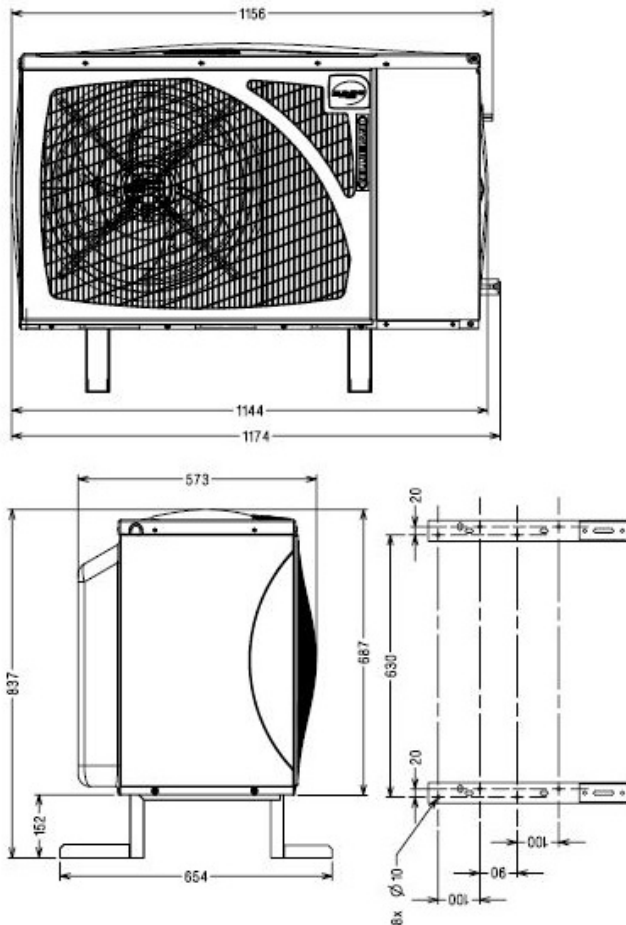
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILFH4524Z-XC

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	3069	10465	65 dBA
EN13215 / R404A	50 Hz	3419	11660	65 dBA
EN13215 / R448A	50 Hz	2975	10144	65 dBA
EN13215 / R449A	50 Hz	2969	10123	65 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>	81.0
<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	11.6
Max Cont Current	16.3
Lock Rotor Amp	52
<b>Fan</b>	
Speed (rpm)	830 / 830
Power (W)	90.0
Diameter (mm)	450
Protection	Electronic
IP Level	IP44
<b>Condenser</b>	450/14100
<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>Heat recovery pipes</b>	
Component/ Type of connexion	NA
For tube Outside diameter :	NA
<b>Fan Guard</b>	maille < à 8mm

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



**Tecumseh**

<b>SILFH4524Z-XC</b>	<b>Tension XC : 220 - 240V 1~ 50 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-250**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1652	2206	2830	3522	4284	5117	6022	7003	8067
	2   P absorbée	(W)	1095	1255	1414	1572	1731	1890	2049	2209	2370
	3   I absorbée	(A)	5.64	6.32	7.02	7.76	8.50	9.26	10.0	10.8	11.5
	4   Tc	(°C)	29.8	31.8	33.8	35.8	37.9	39.9	42.0	44.1	46.2
<b>32</b>	1   P frigorifique	(Watt)		1856	2435	3069	3759	4507	5317	6193	7145
	2   P absorbée	(W)		1261	1442	1623	1804	1985	2166	2348	2530
	3   I absorbée	(A)		6.40	7.18	8.00	8.84	9.70	10.6	11.4	12.3
	4   Tc	(°C)		37.8	39.7	41.6	43.6	45.6	47.6	49.5	51.5
<b>43</b>	1   P frigorifique	(Watt)			1839	2382	2961	3580	4246	4968	5761
	2   P absorbée	(W)			1441	1662	1882	2102	2321	2540	2758
	3   I absorbée	(A)			7.24	8.21	9.21	10.2	11.3	12.3	13.4
	4   Tc	(°C)			49.0	50.8	52.7	54.5	56.4	58.2	60.1

### 50 Hz R404A

**N°User-249**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1960	2532	3183	3912	4716	5593	6541	7557	8641
	2   P absorbée	(W)	1167	1318	1467	1613	1756	1897	2036	2172	2308
	3   I absorbée	(A)	5.95	6.60	7.27	7.95	8.63	9.29	9.94	10.6	11.2
	4   Tc	(°C)	30.4	32.3	34.2	36.1	38.0	39.9	41.9	43.9	46.0
<b>32</b>	1   P frigorifique	(Watt)		2160	2759	3419	4140	4921	5760	6656	7612
	2   P absorbée	(W)		1338	1509	1677	1843	2006	2168	2327	2486
	3   I absorbée	(A)		6.74	7.48	8.25	9.03	9.80	10.6	11.3	12.0
	4   Tc	(°C)		38.3	40.1	41.9	43.7	45.6	47.5	49.4	51.3
<b>43</b>	1   P frigorifique	(Watt)			2108	2662	3254	3885	4556	5270	6034
	2   P absorbée	(W)			1536	1742	1946	2148	2348	2547	2743
	3   I absorbée	(A)			7.67	8.58	9.51	10.5	11.4	12.4	13.3
	4   Tc	(°C)			49.5	51.1	52.8	54.5	56.2	58.0	59.8

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

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**Tecumseh**

<b>SILFH4524Z-XC</b>	<b>Tension XC : 220 - 240V 1~ 50 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 R448A (*)</b>											
											<b>N°User-252</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)	1496	2046	2674	3387	4188	5082	6075	7177	8402
	2   P absorbée	(W)	1041	1184	1327	1471	1616	1762	1909	2055	2200
	3   I absorbée	(A)	5.37	5.97	6.61	7.28	7.96	8.65	9.34	10.0	10.7
	4   Tc	(°C)	28.3	29.9	31.6	33.5	35.6	37.6	39.7	41.8	43.8
<b>32</b>	1   P frigorifique	(Watt)		1732	2318	2975	3708	4524	5429	6432	7547
	2   P absorbée	(W)		1197	1361	1527	1695	1864	2036	2208	2380
	3   I absorbée	(A)		6.09	6.80	7.55	8.33	9.14	9.95	10.8	11.6
	4   Tc	(°C)		36.1	37.7	39.5	41.4	43.4	45.4	47.4	49.4
<b>43</b>	1   P frigorifique	(Watt)			1776	2349	2980	3676	4445	5296	
	2   P absorbée	(W)			1378	1582	1790	2000	2214	2429	
	3   I absorbée	(A)			6.93	7.83	8.78	9.76	10.8	11.8	
	4   Tc	(°C)			47.5	49.1	50.8	52.6	54.5	56.4	

<b>50 Hz R449A (*)</b>											
											<b>N°User-251</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)	1495	2043	2670	3381	4179	5071	6061	7160	8381
	2   P absorbée	(W)	1042	1184	1327	1472	1618	1765	1913	2060	2206
	3   I absorbée	(A)	5.37	5.98	6.62	7.28	7.97	8.67	9.36	10.0	10.7
	4   Tc	(°C)	28.3	30.0	31.7	33.7	35.7	37.7	39.8	41.9	43.9
<b>32</b>	1   P frigorifique	(Watt)		1730	2314	2969	3700	4512	5413	6412	7523
	2   P absorbée	(W)		1197	1362	1528	1696	1867	2040	2213	2386
	3   I absorbée	(A)		6.09	6.80	7.55	8.34	9.15	9.97	10.8	11.6
	4   Tc	(°C)		36.2	37.8	39.6	41.5	43.5	45.5	47.6	49.5
<b>43</b>	1   P frigorifique	(Watt)			1772	2342	2971	3663	4427	5274	
	2   P absorbée	(W)			1378	1583	1791	2002	2217	2434	
	3   I absorbée	(A)			6.93	7.83	8.78	9.77	10.8	11.8	
	4   Tc	(°C)			47.5	49.2	50.9	52.7	54.6	56.5	

**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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