



Condensing unit
Voltage Code : XC

SILFH4524Z-XC

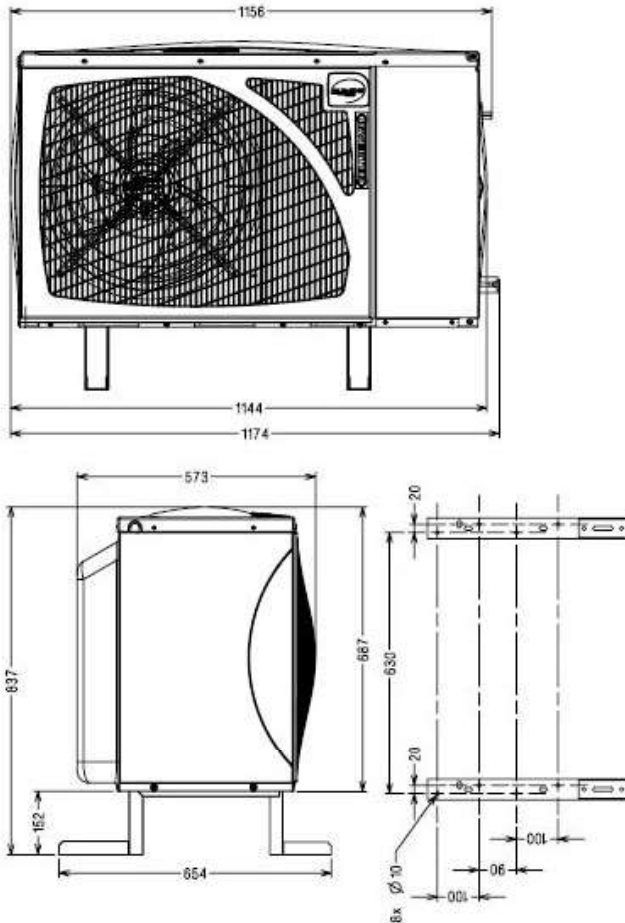
High Temp. Commercial (HP)

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	
Standard TE / R452A	50 Hz	5997	20451	65 dBA
Standard TE / R404A	50 Hz	6489	22128	65 dBA
Standard TE / R448A	50 Hz	6057	20654	65 dBA
Standard TE / R449A	50 Hz	6045	20613	65 dBA



* Standard TE : T°Ambient 32.0°C / T°Evap. 7.2°C / T°Return gas temp.. 32.0°C
T°Subcooling. 2.0K

Net Weight (Kg)	81.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	2700
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	11.6
Max Cont Current	16.3
Lock Rotor Amp	52
Fan	
Speed (rpm)	830 / 830
Power (W)	95.0
Diameter (mm)	450
Protection	Electronic
IP Level	IP44
Condenser	450/14100
Liquid Receiver	
Capacity (L)	2.35
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Tube / Tube
For Tubing Out Diam	15.9 (5/8")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Tube
For Tubing Out Diam	9.5 (3/8")
Liquid Connecton Type	Brased
Connection Type	TT
Fan Guard	maille < à 8mm

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



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SILFH4524Z-XC	Tension XC : 220 - 240V 1~ 50 Hz
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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°User-250

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		2287	2938	3663	4463	5342	6302	7350	8497
	2 P absorbée	(W)		1255	1414	1572	1731	1890	2049	2209	2370
	3 I absorbée	(A)		6.32	7.02	7.76	8.50	9.26	10.0	10.8	11.5
	4 Tc	(°C)		31.8	33.8	35.8	37.9	39.9	42.0	44.1	46.2
32	1 P frigorifique	(Watt)			2538	3204	3933	4727	5592	6537	7575
	2 P absorbée	(W)			1442	1623	1804	1985	2166	2348	2530
	3 I absorbée	(A)			7.18	8.00	8.84	9.70	10.6	11.4	12.3
	4 Tc	(°C)			39.7	41.6	43.6	45.6	47.6	49.5	51.5
43	1 P frigorifique	(Watt)				2506	3123	3789	4511	5303	6188
	2 P absorbée	(W)				1662	1882	2102	2321	2540	2758
	3 I absorbée	(A)				8.21	9.21	10.2	11.3	12.3	13.4
	4 Tc	(°C)				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
25	1 P frigorifique	(Watt)	2032	2628	3309	4073	4919	5847	6856	7946	9124
	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
32	1 P frigorifique	(Watt)		2251	2879	3575	4339	5170	6070	7043	8096
	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
43	1 P frigorifique	(Watt)			2217	2807	3441	4123	4856	5649	6516
	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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 Condition Dew
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 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 R448A (*)

N°User-252

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1532	2095	2742	3475	4302	5226	6257	7405	8686
	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
32	1 P frigorifique	(Watt)		1779	2382	3060	3819	4666	5609	6659	7833
	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
43	1 P frigorifique	(Watt)			1834	2428	3085	3813	4620	5520	
	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	

50 Hz R449A (*)

N°User-251

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1531	2094	2739	3472	4296	5219	6247	7393	8671
	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
32	1 P frigorifique	(Watt)		1777	2380	3056	3814	4658	5598	6645	7816
	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
43	1 P frigorifique	(Watt)			1831	2424	3079	3803	4608	5504	
	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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