



Condensing unit
Voltage Code : XG

SILFH4524Z-XG

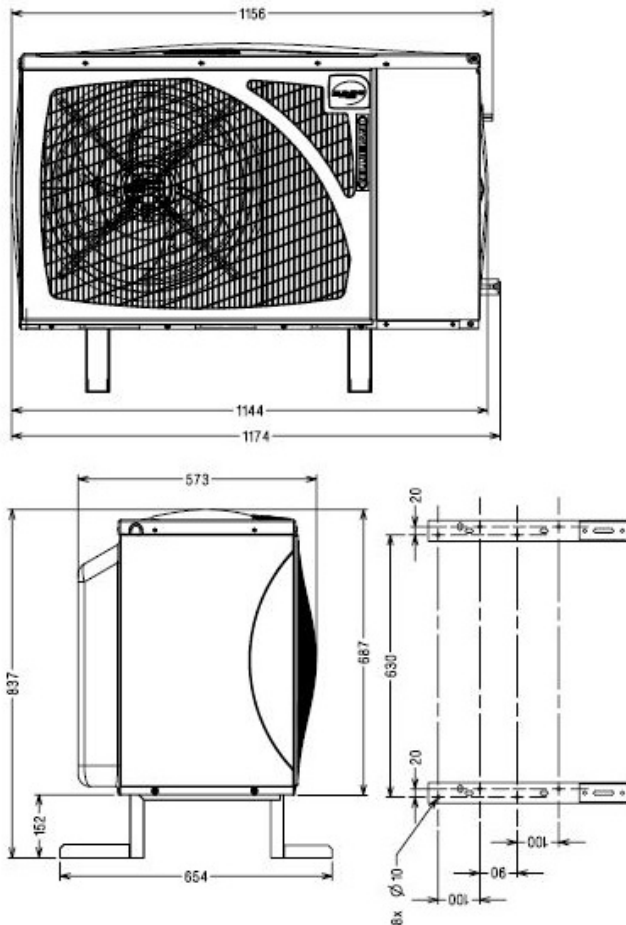
High Temp. Commercial (HP)

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

R452A / R404A / R448A / R449A

SILFH4524Z-XG

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	2976	10148	65 dBA
EN13215 / R404A	50 Hz	3322	11330	65 dBA
EN13215 / R448A	50 Hz	2884	9834	65 dBA
EN13215 / R449A	50 Hz	2878	9813	65 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

Net Weight (Kg)	86.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	2700
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	3.8
Max Cont Current	7
Lock Rotor Amp	26
Fan	
Speed (rpm)	830
Power (W)	90.0
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
Heat recovery pipes	
Component/ Type of connexion	NA
For tube Outside diameter :	NA
Fan Guard	maille < à 8mm

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



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SILFH4524Z-XG	Tension XG : 380-420V 3~ 50Hz / 460V 3~ 60 Hz
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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

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50 Hz R452A

N°User-254

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1598	2141	2760	3453	4220	5058	5968	6948	8003
	2 P absorbée	(W)	947	1137	1320	1497	1668	1834	1996	2156	2313
	3 I absorbée	(A)	2.72	2.97	3.21	3.45	3.69	3.93	4.17	4.42	4.68
	4 Tc	(°C)	28.9	30.9	33.0	35.1	37.3	39.5	41.7	44.0	46.3
32	1 P frigorifique	(Watt)		1770	2343	2976	3670	4425	5243	6126	7079
	2 P absorbée	(W)		1109	1319	1521	1715	1903	2085	2262	2435
	3 I absorbée	(A)		2.93	3.21	3.49	3.76	4.03	4.31	4.58	4.85
	4 Tc	(°C)		37.2	39.2	41.1	43.2	45.2	47.3	49.5	51.6
43	1 P frigorifique	(Watt)			1707	2250	2834	3463	4143	4881	5691
	2 P absorbée	(W)			1282	1528	1762	1987	2203	2410	2611
	3 I absorbée	(A)			3.14	3.49	3.83	4.16	4.48	4.80	5.11
	4 Tc	(°C)			49.0	50.8	52.6	54.4	56.3	58.2	60.1

50 Hz R404A

N°User-253

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1894	2456	3106	3838	4649	5533	6485	7498	8566
	2 P absorbée	(W)	1028	1211	1385	1551	1708	1858	2002	2141	2276
	3 I absorbée	(A)	2.89	3.12	3.34	3.56	3.77	3.99	4.20	4.42	4.64
	4 Tc	(°C)	29.5	31.4	33.4	35.4	37.4	39.5	41.7	43.9	46.2
32	1 P frigorifique	(Watt)	1540	2065	2660	3322	4050	4839	5686	6586	7538
	2 P absorbée	(W)	980	1192	1393	1584	1765	1938	2102	2260	2413
	3 I absorbée	(A)	2.82	3.09	3.35	3.61	3.86	4.11	4.35	4.59	4.84
	4 Tc	(°C)	36.0	37.8	39.6	41.5	43.3	45.3	47.3	49.3	51.5
43	1 P frigorifique	(Watt)			1972	2529	3128	3770	4456	5185	5962
	2 P absorbée	(W)			1375	1608	1829	2038	2238	2428	2609
	3 I absorbée	(A)			3.33	3.64	3.95	4.26	4.55	4.84	5.12
	4 Tc	(°C)			49.5	51.1	52.7	54.4	56.2	58.0	59.9

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

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SILFH4524Z-XG	Tension XG : 380-420V 3~ 50Hz / 460V 3~ 60 Hz
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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

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50 Hz R448A (*)

N°User-256

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1446	1985	2610	3324	4130	5034	6038	7152	8387
	2 P absorbée	(W)	904	1077	1244	1405	1562	1715	1864	2010	2150
	3 I absorbée	(A)	2.62	2.84	3.06	3.28	3.50	3.72	3.95	4.18	4.41
	4 Tc	(°C)	27.3	28.9	30.8	32.7	34.8	37.0	39.3	41.5	43.7
32	1 P frigorifique	(Watt)		1650	2228	2884	3621	4445	5361	6379	7510
	2 P absorbée	(W)		1057	1249	1436	1616	1793	1965	2132	2295
	3 I absorbée	(A)		2.82	3.07	3.33	3.58	3.84	4.10	4.36	4.62
	4 Tc	(°C)		35.6	37.2	39.1	41.0	43.0	45.1	47.2	49.3
43	1 P frigorifique	(Watt)			1644	2213	2846	3549	4330	5199	
	2 P absorbée	(W)			1228	1456	1678	1894	2105	2310	
	3 I absorbée	(A)			3.04	3.36	3.68	3.99	4.31	4.63	
	4 Tc	(°C)			47.6	49.2	50.9	52.7	54.5	56.4	

50 Hz R449A (*)

N°User-255

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1445	1983	2606	3318	4122	5022	6023	7133	8363
	2 P absorbée	(W)	903	1077	1244	1406	1563	1717	1867	2014	2155
	3 I absorbée	(A)	2.62	2.84	3.06	3.28	3.50	3.73	3.95	4.18	4.41
	4 Tc	(°C)	27.4	29.0	30.9	32.9	35.0	37.2	39.4	41.6	43.8
32	1 P frigorifique	(Watt)		1648	2224	2878	3612	4433	5345	6358	7485
	2 P absorbée	(W)		1057	1249	1436	1617	1795	1968	2136	2300
	3 I absorbée	(A)		2.82	3.07	3.33	3.59	3.84	4.10	4.37	4.63
	4 Tc	(°C)		35.7	37.3	39.2	41.1	43.2	45.3	47.4	49.4
43	1 P frigorifique	(Watt)			1640	2207	2836	3536	4313	5178	
	2 P absorbée	(W)			1228	1457	1679	1896	2107	2314	
	3 I absorbée	(A)			3.04	3.36	3.68	4.00	4.32	4.63	
	4 Tc	(°C)			47.7	49.2	51.0	52.8	54.6	56.6	

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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