



Condensing unit
Voltage Code : XC

SILFH4532Z-XC

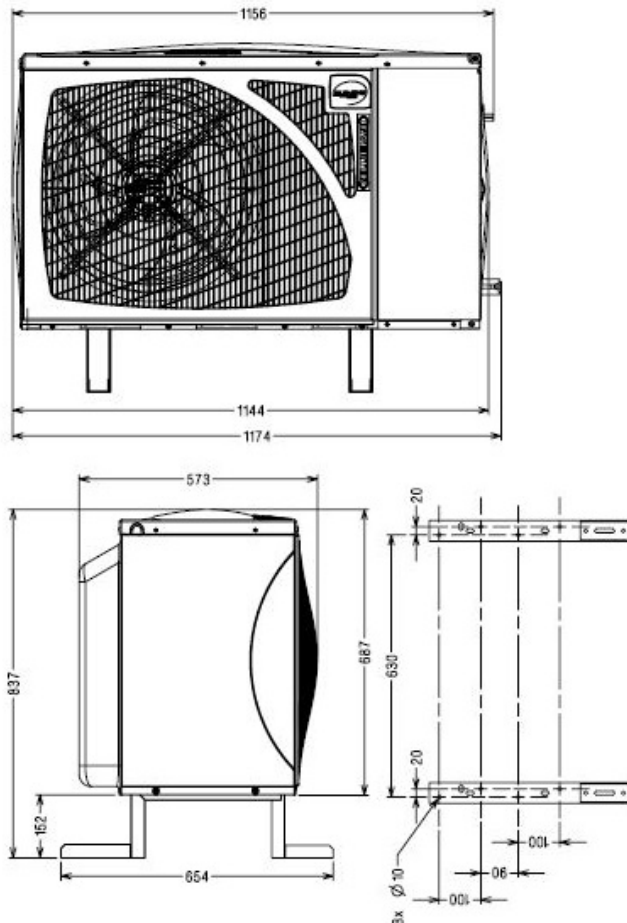
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILFH4532Z-XC

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	3911	13337	66 dBA
EN13215 / R404A	50 Hz	4166	14206	66 dBA
EN13215 / R448A	50 Hz	3757	12810	66 dBA
EN13215 / R449A	50 Hz	3751	12792	66 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)	88.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	2700
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	13.3
Max Cont Current	21.9
Lock Rotor Amp	85
Fan	
Speed (rpm)	830
Power (W)	90.0
Diameter (mm)	450
Protection	Electronic
IP Level	IP44
Condenser	450/17000
Liquid Receiver	
Capacity (L)	3.9
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Tube / Tube
For Tubing Out Diam	22.2 (7/8")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Tube
For Tubing Out Diam	12.7 (1/2")
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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SILFH4532Z-XC	Tension XC : 220 - 240V 1~ 50 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-258

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2113	2800	3570	4422	5351	6355	7429	8575	9799
	2 P absorbée	(W)	1385	1564	1734	1901	2067	2237	2411	2594	2785
	3 I absorbée	(A)	6.77	7.55	8.32	9.08	9.86	10.7	11.5	12.3	13.2
	4 Tc	(°C)	29.1	30.8	32.8	34.8	37.1	39.4	41.8	44.3	46.8
32	1 P frigorifique	(Watt)		2383	3114	3911	4773	5696	6681	7728	8846
	2 P absorbée	(W)		1588	1787	1978	2164	2350	2539	2733	2935
	3 I absorbée	(A)		7.66	8.56	9.44	10.3	11.2	12.1	13.0	14.0
	4 Tc	(°C)		37.2	38.8	40.6	42.6	44.7	47.0	49.3	51.7
43	1 P frigorifique	(Watt)			2417	3130	3887	4690	5539	6441	7410
	2 P absorbée	(W)			1823	2062	2288	2508	2725	2943	3167
	3 I absorbée	(A)			8.70	9.80	10.9	11.9	12.9	14.0	15.0
	4 Tc	(°C)			48.4	49.8	51.4	53.2	55.2	57.2	59.4

50 Hz R404A

N°User-257

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2410	3088	3852	4694	5607	6582	7612	8695	9834
	2 P absorbée	(W)	1475	1648	1814	1977	2141	2308	2479	2656	2840
	3 I absorbée	(A)	7.18	7.94	8.68	9.43	10.2	11.0	11.8	12.6	13.5
	4 Tc	(°C)	30.7	32.6	34.7	36.9	39.2	41.7	44.1	46.6	49.2
32	1 P frigorifique	(Watt)		2670	3387	4166	5001	5885	6813	7784	8804
	2 P absorbée	(W)		1684	1875	2059	2241	2424	2609	2800	2996
	3 I absorbée	(A)		8.10	8.97	9.82	10.7	11.5	12.4	13.3	14.2
	4 Tc	(°C)		38.7	40.6	42.5	44.6	46.9	49.2	51.5	53.9
43	1 P frigorifique	(Watt)			2666	3347	4062	4807	5579	6383	7233
	2 P absorbée	(W)			1936	2161	2378	2591	2804	3019	3238
	3 I absorbée	(A)			9.22	10.3	11.3	12.3	13.3	14.3	15.3
	4 Tc	(°C)			49.8	51.4	53.2	55.1	57.1	59.3	61.4

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

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SILFH4532Z-XC	Tension XC : 220 - 240V 1~ 50 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

50 Hz R448A (*)											
											N°User-260
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1898	2573	3350	4234	5227	6331	7546	8873	10314
	2 P absorbée	(W)	1315	1472	1624	1773	1922	2074	2231	2396	2571
	3 I absorbée	(A)	6.44	7.13	7.81	8.49	9.18	9.89	10.6	11.4	12.2
	4 Tc	(°C)	27.8	29.2	30.8	32.6	34.5	36.7	39.0	41.3	43.8
32	1 P frigorifique	(Watt)		2195	2929	3757	4683	5711	6843	8081	9428
	2 P absorbée	(W)		1506	1685	1857	2027	2198	2373	2553	2743
	3 I absorbée	(A)		7.29	8.10	8.90	9.69	10.5	11.3	12.2	13.1
	4 Tc	(°C)		35.9	37.2	38.8	40.5	42.4	44.4	46.6	48.9
43	1 P frigorifique	(Watt)			2292	3036	3861	4773	5775	6872	8072
	2 P absorbée	(W)			1740	1960	2171	2379	2586	2797	3015
	3 I absorbée	(A)			8.32	9.33	10.3	11.3	12.3	13.3	14.3
	4 Tc	(°C)			47.4	48.5	49.9	51.4	53.1	55.0	57.1

50 Hz R449A (*)											
											N°User-259
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1898	2571	3346	4228	5218	6318	7527	8847	10282
	2 P absorbée	(W)	1315	1473	1625	1774	1924	2077	2236	2403	2580
	3 I absorbée	(A)	6.44	7.13	7.82	8.50	9.20	9.91	10.7	11.4	12.2
	4 Tc	(°C)	27.8	29.2	30.8	32.7	34.7	36.8	39.1	41.5	44.0
32	1 P frigorifique	(Watt)		2193	2926	3751	4675	5698	6825	8055	9395
	2 P absorbée	(W)		1506	1685	1859	2030	2202	2377	2560	2751
	3 I absorbée	(A)		7.29	8.10	8.90	9.70	10.5	11.3	12.2	13.1
	4 Tc	(°C)		36.0	37.3	38.8	40.6	42.5	44.6	46.8	49.1
43	1 P frigorifique	(Watt)			2289	3031	3853	4760	5756	6846	8036
	2 P absorbée	(W)			1740	1961	2173	2382	2591	2804	3024
	3 I absorbée	(A)			8.32	9.34	10.3	11.3	12.3	13.3	14.4
	4 Tc	(°C)			47.4	48.6	49.9	51.5	53.3	55.2	57.2

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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