



Condensing unit
Voltage Code : XG

SILFH4532Z-XG

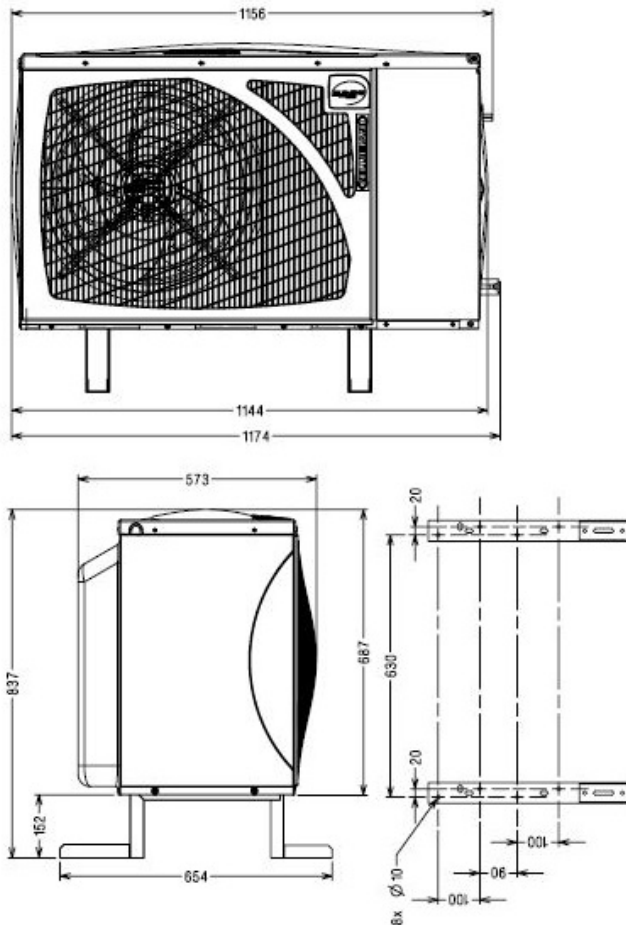
High Temp. Commercial (HP)

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

R452A / R404A / R448A / R449A

SILFH4532Z-XG

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	3926	13388	65 dBA
EN13215 / R404A	50 Hz	4156	14172	65 dBA
EN13215 / R448A	50 Hz	3975	13555	65 dBA
EN13215 / R449A	50 Hz	3959	13500	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	4.1
Max Cont Current	7.8
Lock Rotor Amp	30
Fan	
Speed (rpm)	830 / 830
Power (W)	95.0
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
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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SILFH4532Z-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 Mid	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Mid Condition	Subcooling :	3.0 K

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50 Hz R452A

N°User-262

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2246	2905	3640	4448	5327	6276	7299	8407	9617
	2 P absorbée	(W)	1267	1464	1663	1864	2070	2279	2493	2711	2931
	3 I absorbée	(A)	3.05	3.28	3.53	3.78	4.05	4.33	4.61	4.91	5.22
	4 Tc	(°C)	29.1	31.3	33.6	36.0	38.4	40.7	43.1	45.4	47.6
32	1 P frigorifique	(Watt)		2506	3188	3926	4721	5574	6491	7485	8577
	2 P absorbée	(W)		1490	1709	1930	2153	2380	2609	2841	3074
	3 I absorbée	(A)		3.30	3.58	3.87	4.16	4.47	4.78	5.09	5.42
	4 Tc	(°C)		37.4	39.5	41.7	43.9	46.1	48.3	50.5	52.6
43	1 P frigorifique	(Watt)			2487	3118	3784	4491	5250	6077	7003
	2 P absorbée	(W)			1758	2013	2267	2522	2777	3034	3290
	3 I absorbée	(A)			3.63	3.97	4.32	4.66	5.01	5.37	5.72
	4 Tc	(°C)			48.8	50.7	52.7	54.7	56.6	58.6	60.4

50 Hz R404A

N°User-261

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2455	3111	3855	4681	5584	6560	7606	8726	9929
	2 P absorbée	(W)	1294	1476	1658	1842	2028	2216	2405	2596	2787
	3 I absorbée	(A)	3.16	3.36	3.57	3.79	4.02	4.26	4.51	4.76	5.03
	4 Tc	(°C)	29.7	31.9	34.0	36.3	38.5	40.8	43.0	45.2	47.4
32	1 P frigorifique	(Watt)	2100	2719	3405	4156	4968	5838	6767	7760	8828
	2 P absorbée	(W)	1315	1516	1718	1920	2124	2328	2534	2741	2947
	3 I absorbée	(A)	3.16	3.40	3.64	3.89	4.15	4.42	4.69	4.97	5.25
	4 Tc	(°C)	36.1	38.0	40.0	42.0	44.1	46.2	48.3	50.3	52.3
43	1 P frigorifique	(Watt)			2692	3325	3995	4702	5450	6248	7114
	2 P absorbée	(W)			1799	2031	2263	2496	2728	2961	3192
	3 I absorbée	(A)			3.73	4.03	4.34	4.65	4.96	5.28	5.59
	4 Tc	(°C)			49.3	51.0	52.9	54.7	56.5	58.4	60.2

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

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SILFH4532Z-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 Mid	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Mid Condition	Subcooling :	3.0 K

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50 Hz R448A (*)

N°User-264

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2166	2842	3610	4471	5428	6483	7644	8923	10343
	2 P absorbée	(W)	1233	1408	1588	1773	1965	2162	2365	2572	2781
	3 I absorbée	(A)	2.96	3.17	3.39	3.63	3.87	4.13	4.41	4.70	4.99
	4 Tc	(°C)	27.1	28.9	31.0	33.2	35.5	37.9	40.4	42.7	45.0
32	1 P frigorifique	(Watt)		2471	3183	3975	4850	5814	6873	8043	9345
	2 P absorbée	(W)		1445	1643	1847	2057	2273	2495	2721	2949
	3 I absorbée	(A)		3.21	3.46	3.72	4.00	4.29	4.60	4.91	5.23
	4 Tc	(°C)		35.4	37.2	39.2	41.4	43.6	45.8	48.1	50.2
43	1 P frigorifique	(Watt)			2522	3207	3957	4778	5681	6680	
	2 P absorbée	(W)			1714	1950	2192	2440	2693	2951	
	3 I absorbée	(A)			3.54	3.86	4.19	4.53	4.88	5.23	
	4 Tc	(°C)			47.0	48.7	50.6	52.5	54.6	56.6	

50 Hz R449A (*)

N°User-263

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2159	2832	3597	4454	5407	6457	7613	8888	10303
	2 P absorbée	(W)	1232	1407	1588	1774	1966	2164	2368	2577	2787
	3 I absorbée	(A)	2.96	3.17	3.39	3.63	3.88	4.14	4.41	4.70	5.00
	4 Tc	(°C)	27.2	29.0	31.1	33.3	35.7	38.1	40.5	42.9	45.2
32	1 P frigorifique	(Watt)		2461	3171	3959	4830	5788	6842	8006	9303
	2 P absorbée	(W)		1444	1643	1847	2058	2276	2499	2726	2956
	3 I absorbée	(A)		3.20	3.46	3.72	4.00	4.30	4.60	4.92	5.24
	4 Tc	(°C)		35.5	37.3	39.3	41.5	43.7	46.0	48.2	50.4
43	1 P frigorifique	(Watt)			2510	3192	3937	4753	5649	6641	
	2 P absorbée	(W)			1714	1950	2193	2442	2697	2956	
	3 I absorbée	(A)			3.54	3.86	4.19	4.53	4.88	5.24	
	4 Tc	(°C)			47.1	48.8	50.7	52.7	54.7	56.7	

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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