



Condensing unit
Voltage Code : FZ

SILFH4531Z

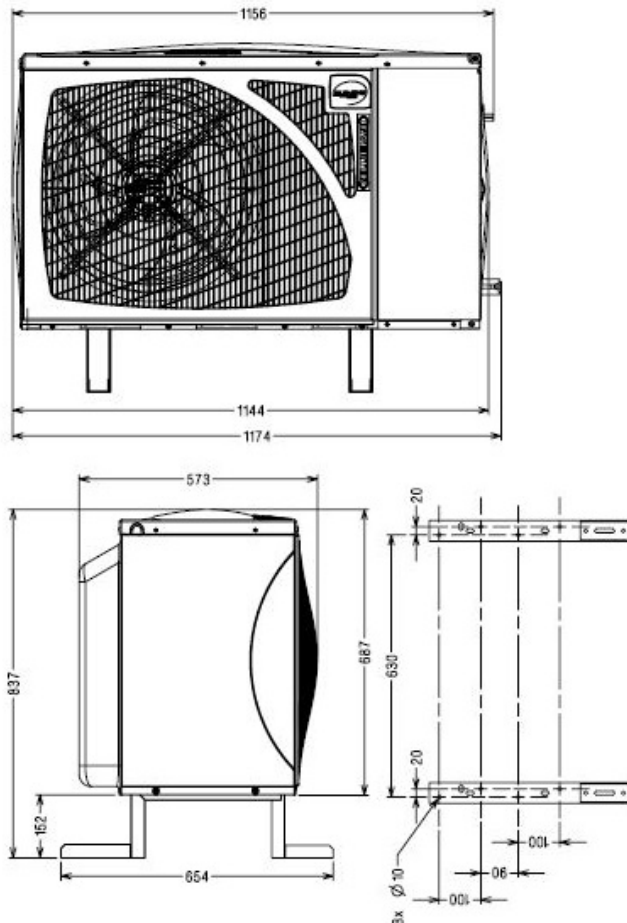
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILFH4531Z-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	6904	23542	69 dBA
EN13215 / R404A	50 Hz	7031	23975	69 dBA
EN13215 / R448A	50 Hz	6678	22772	69 dBA
EN13215 / R449A	50 Hz	6682	22786	69 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

Net Weight (Kg)	72.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	2700
Compo Data Sheet	226JT-F
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	15
Max Cont Current	27.1
Lock Rotor Amp	67
Fan	
Speed (rpm)	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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SILFH4531Z	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les **conditions EN13215** :
 Condition Dew
 The performance data are in **EN13215 conditions** :
 Dew Condition

Gaz aspirés : 20.0 °C
 Sous refroidissement : 3.0 K
 Return gas : 20.0 °C
 Subcooling : 3.0 K

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50 Hz R452A

N°5816

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2147	2976	3832	4722	5651	6625	7651	8737	9895
	2 P absorbée	(W)	1468	1736	1988	2232	2475	2725	2988	3272	3584
	3 I absorbée	(A)	7.09	8.11	9.17	10.3	11.4	12.6	13.8	15.1	16.4
	4 Tc	(°C)	27.8	30.0	32.3	34.7	37.0	39.4	41.8	44.3	46.7
32	1 P frigorifique	(Watt)		2421	3287	4159	5047	5959	6904	7894	8948
	2 P absorbée	(W)		1678	1976	2260	2535	2812	3096	3396	3719
	3 I absorbée	(A)		7.97	9.15	10.4	11.6	12.9	14.2	15.6	17.0
	4 Tc	(°C)		35.9	38.1	40.3	42.6	44.8	47.1	49.5	51.8
43	1 P frigorifique	(Watt)			2377	3231	4063	4887	5717	6575	7490
	2 P absorbée	(W)			1882	2244	2585	2916	3245	3579	3928
	3 I absorbée	(A)			8.92	10.3	11.8	13.2	14.7	16.2	17.8
	4 Tc	(°C)			47.3	49.3	51.4	53.5	55.6	57.8	60.0

50 Hz R404A

N°926K-F

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2368	3211	4074	4962	5878	6828	7816	8849	9939
	2 P absorbée	(W)	1628	1873	2119	2364	2610	2855	3101	3347	3593
	3 I absorbée	(A)	6.97	8.05	9.15	10.3	11.4	12.6	13.8	15.0	16.2
	4 Tc	(°C)	30.7	32.9	35.2	37.4	39.7	42.1	44.4	46.7	49.1
32	1 P frigorifique	(Watt)		2632	3504	4373	5246	6129	7031	7962	8938
	2 P absorbée	(W)		1795	2072	2351	2629	2907	3185	3464	3742
	3 I absorbée	(A)		7.87	9.08	10.3	11.6	12.8	14.1	15.4	16.8
	4 Tc	(°C)		38.7	40.8	42.9	45.1	47.3	49.5	51.7	54.0
43	1 P frigorifique	(Watt)			2558	3407	4220	5008	5786	6571	7389
	2 P absorbée	(W)			2000	2329	2658	2988	3317	3646	3976
	3 I absorbée	(A)			8.95	10.3	11.7	13.2	14.6	16.1	17.6
	4 Tc	(°C)			49.6	51.6	53.5	55.5	57.5	59.6	61.6

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

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Tecumseh

SILFH4531Z	Tension FZ : 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 R448A (*)

N°6876

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1761	2566	3404	4289	5229	6236	7321	8495	9774
	2 P absorbée	(W)	1362	1623	1871	2113	2357	2609	2876	3163	3476
	3 I absorbée	(A)	6.65	7.63	8.66	9.73	10.9	12.0	13.3	14.6	16.0
	4 Tc	(°C)	28.1	30.4	32.7	35.1	37.4	39.8	42.3	44.7	47.2
32	1 P frigorifique	(Watt)		2060	2910	3784	4695	5655	6678	7777	8969
	2 P absorbée	(W)		1566	1859	2142	2420	2701	2991	3298	3628
	3 I absorbée	(A)		7.50	8.65	9.83	11.1	12.4	13.7	15.1	16.6
	4 Tc	(°C)		36.3	38.5	40.8	43.0	45.3	47.6	50.0	52.3
43	1 P frigorifique	(Watt)			2091	2962	3838	4735	5669		
	2 P absorbée	(W)			1764	2126	2472	2812	3153		
	3 I absorbée	(A)			8.44	9.83	11.3	12.7	14.3		
	4 Tc	(°C)			47.8	49.8	51.9	54.0	56.1		

50 Hz R449A (*)

N°5353

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1762	2567	3406	4291	5232	6240	7326	8502	9782
	2 P absorbée	(W)	1362	1623	1871	2113	2357	2609	2876	3163	3476
	3 I absorbée	(A)	6.65	7.63	8.66	9.73	10.9	12.0	13.3	14.6	16.0
	4 Tc	(°C)	28.1	30.4	32.7	35.1	37.4	39.8	42.3	44.7	47.2
32	1 P frigorifique	(Watt)		2061	2912	3787	4698	5659	6682	7782	8975
	2 P absorbée	(W)		1566	1859	2142	2420	2701	2991	3298	3628
	3 I absorbée	(A)		7.50	8.65	9.83	11.1	12.4	13.7	15.1	16.6
	4 Tc	(°C)		36.3	38.5	40.8	43.0	45.3	47.6	49.9	52.3
43	1 P frigorifique	(Watt)			2092	2963	3840	4737	5672		
	2 P absorbée	(W)			1764	2126	2472	2812	3153		
	3 I absorbée	(A)			8.44	9.83	11.3	12.7	14.3		
	4 Tc	(°C)			47.7	49.8	51.8	53.9	56.0		

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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