



Condensing unit
Voltage Code : XG

SILFH4525Y-XG

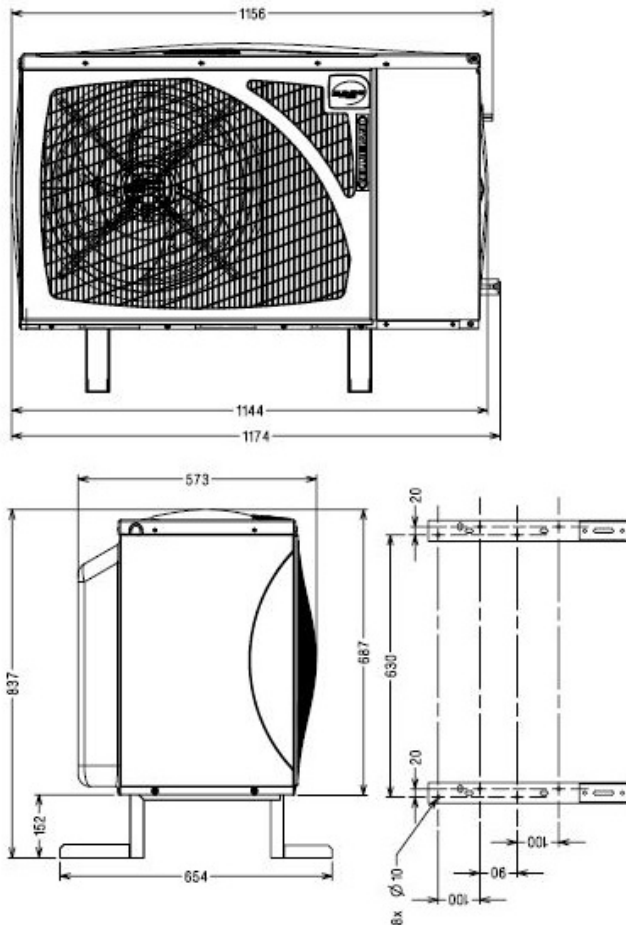
High Temp. Commercial (HP)

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

R134a / R513A

SILFH4525Y-XG

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R134a	50 Hz	2879	9818	65 dBA
EN13215 / R513A	50 Hz	2998	10222	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)	79.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	2700
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	4.5
Max Cont Current	6.3
Lock Rotor Amp	26
Fan	
Speed (rpm)	830
Power (W)	95.0
Diameter (mm)	450
Protection	Electronic
IP Level	IP44
Condenser	450/11500
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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SILFH4525Y-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 R134a

N°User-343

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1408	1936	2549	3250	4039	4917	5882	6936	8080
	2 P absorbée	(W)	903	1027	1161	1306	1469	1651	1859	2096	2367
	3 I absorbée	(A)	2.26	2.49	2.74	3.01	3.29	3.61	3.95	4.32	4.72
	4 Tc	(°C)	30.6	32.5	34.5	36.7	39.1	41.5	44.1	46.8	49.6
32	1 P frigorifique	(Watt)		1659	2231	2879	3606	4410	5295	6259	7306
	2 P absorbée	(W)		1043	1190	1351	1530	1730	1957	2214	2507
	3 I absorbée	(A)		2.47	2.76	3.06	3.38	3.73	4.10	4.50	4.93
	4 Tc	(°C)		38.7	40.7	42.8	45.1	47.6	50.1	52.7	55.4
43	1 P frigorifique	(Watt)			1760	2331	2963	3658	4419	5246	
	2 P absorbée	(W)			1212	1401	1610	1843	2104	2397	
	3 I absorbée	(A)			2.77	3.13	3.51	3.91	4.33	4.77	
	4 Tc	(°C)			50.4	52.5	54.7	57.0	59.5	62.0	

50 Hz R513A

N°User-344

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1565	2108	2724	3415	4179	5016	5924	6901	7945
	2 P absorbée	(W)	993	1120	1254	1401	1565	1754	1973	2230	2533
	3 I absorbée	(A)	2.41	2.65	2.90	3.17	3.46	3.78	4.14	4.55	5.00
	4 Tc	(°C)	31.6	33.7	35.8	38.0	40.3	42.7	45.3	47.9	50.7
32	1 P frigorifique	(Watt)	1275	1786	2360	2998	3700	4466	5295	6185	7136
	2 P absorbée	(W)	983	1126	1277	1440	1621	1828	2066	2343	2664
	3 I absorbée	(A)	2.33	2.61	2.90	3.21	3.54	3.90	4.29	4.71	5.18
	4 Tc	(°C)	37.7	39.7	41.8	44.0	46.3	48.7	51.1	53.7	56.5
43	1 P frigorifique	(Watt)		1326	1831	2385	2988	3641	4345	5100	
	2 P absorbée	(W)		1100	1283	1480	1696	1937	2209	2520	
	3 I absorbée	(A)		2.53	2.90	3.27	3.66	4.07	4.51	4.98	
	4 Tc	(°C)		49.2	51.3	53.4	55.7	58.0	60.3	62.8	

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

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