



Condensing unit
Voltage Code : XG

SILFH4518Y-XG

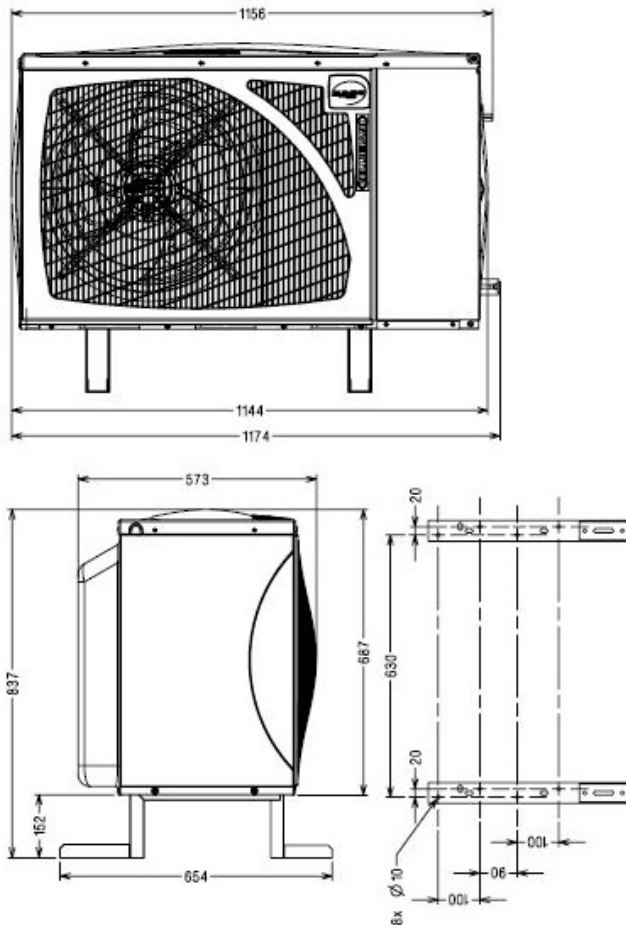
High Temp. Commercial (HP)

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

R134a / R513A

SILFH4518Y-XG

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R134a	50 Hz	2237	7627	65 dBA
EN13215 / R513A	50 Hz	2352	8020	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	2.5
Max Cont Current	5.3
Lock Rotor Amp	18
Fan	
Speed (rpm)	830 / 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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SILFH4518Y-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-339

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1075	1485	1966	2523	3155	3864	4651	5513	6451
	2 P absorbée	(W)	672	774	875	979	1089	1207	1338	1485	1652
	3 I absorbée	(A)	1.93	2.07	2.22	2.38	2.55	2.73	2.94	3.17	3.42
	4 Tc	(°C)	29.7	31.1	32.8	34.5	36.3	38.3	40.4	42.6	44.9
32	1 P frigorifique	(Watt)	893	1278	1724	2237	2817	3466	4184	4971	5827
	2 P absorbée	(W)	656	773	890	1008	1133	1267	1413	1576	1760
	3 I absorbée	(A)	1.90	2.08	2.27	2.46	2.67	2.89	3.12	3.38	3.65
	4 Tc	(°C)	35.8	37.3	38.9	40.6	42.4	44.4	46.4	48.6	51.0
43	1 P frigorifique	(Watt)			1378	1829	2333	2893	3510	4183	4913
	2 P absorbée	(W)			902	1048	1199	1360	1534	1725	1938
	3 I absorbée	(A)			2.27	2.53	2.79	3.07	3.35	3.65	3.98
	4 Tc	(°C)			48.6	50.3	52.2	54.1	56.2	58.4	60.7

50 Hz R513A

N°User-340

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1206	1633	2121	2673	3290	3970	4714	5518	6379
	2 P absorbée	(W)	735	840	942	1047	1158	1281	1422	1585	1776
	3 I absorbée	(A)	2.06	2.20	2.35	2.51	2.68	2.88	3.10	3.35	3.64
	4 Tc	(°C)	30.5	32.1	33.8	35.5	37.3	39.3	41.3	43.5	45.9
32	1 P frigorifique	(Watt)	991	1390	1843	2352	2918	3541	4220	4953	5737
	2 P absorbée	(W)	710	833	952	1073	1200	1338	1493	1671	1876
	3 I absorbée	(A)	2.01	2.20	2.39	2.58	2.79	3.02	3.27	3.55	3.86
	4 Tc	(°C)	36.5	38.1	39.8	41.6	43.4	45.3	47.4	49.6	51.9
43	1 P frigorifique	(Watt)		1048	1448	1890	2377	2909	3486	4108	4771
	2 P absorbée	(W)		805	956	1107	1264	1430	1613	1817	2049
	3 I absorbée	(A)		2.10	2.37	2.63	2.90	3.19	3.49	3.81	4.16
	4 Tc	(°C)		47.8	49.5	51.2	53.1	55.0	57.0	59.2	61.5

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

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