



Condensing unit  
Voltage Code : XC

# SILFH2480Z-XC

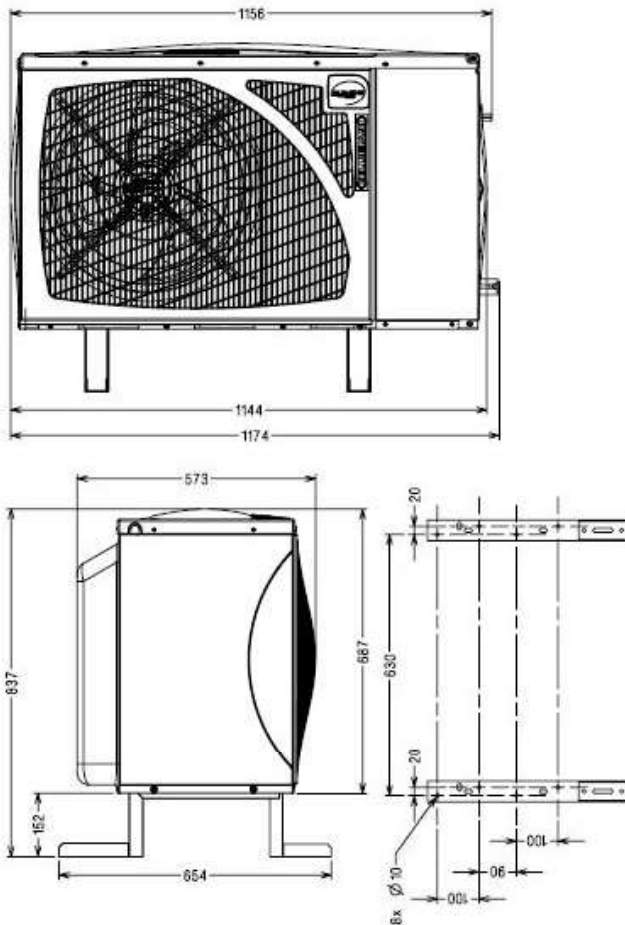
Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILFH2480Z-XC

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
Standard TE / R452A	50 Hz	2560	8728	65 dBA
Standard TE / R404A	50 Hz	2908	9916	65 dBA
Standard TE / R448A	50 Hz	2395	8167	65 dBA
Standard TE / R449A	50 Hz	2392	8158	65 dBA



\* Standard TE : T°Ambient 32.0°C / T°Evap. -23.3°C / T°Return gas temp.. 32.0°C  
T°Subcooling. 2.0K

<b>Net Weight (Kg)</b>	82.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	2700
<b>Elec Comp Type</b>	CSR
<b>Current (Amp)</b>	
Load Rated Amp	9.3
Max Cont Current	12.5
Lock Rotor Amp	65
<b>Fan</b>	
Speed (rpm)	830 / 900
Power (W)	56.0
Diameter (mm)	360
Protection	Overload
IP Level	IP44
<b>Condenser</b>	M360/14100
<b>Liquid Receiver</b>	
Capacity (L)	2.35
Maximum Pressure (Bars)	32.0
<b>Suction Line</b>	
Suction Type	Tube / Tube
For Tubing Out Diam	15.9 (5/8")
Suction Connection Type	Brased
<b>Liquid Line</b>	
Liquid Line Type	Tube
For Tubing Out Diam	9.5 (3/8")
Liquid Connecton Type	Brased
<b>Connection Type</b>	TT
<b>Fan Guard</b>	maille < à 8mm

Note : Tecumseh reserves the right to change information contained in this document without notification.



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<b>SILFH2480Z-XC</b>	<b>Tension XC : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les <b>conditions Standard TE</b> :	Gaz aspirés :	32.0 °C
Condition Dew	Sous refroidissement :	2.0 K
The performance data are in <b>Standard TE conditions</b> :	Return gas :	32.0 °C
Dew Condition	Subcooling :	2.0 K

<b>50 Hz R452A</b>									
<b>N°User-234</b>									
5   T ambience	6   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	1026	1488	2033	2663	3381	4191	5103
	2   P absorbée	(W)	951	1167	1396	1642	1907	2195	2504
	3   I absorbée	(A)	6.59	6.97	7.42	7.97	8.62	9.37	10.2
	4   Tc	(°C)	28.3	29.9	31.9	34.3	36.9	39.6	42.2
<b>32</b>	1   P frigorifique	(Watt)	825	1256	1762	2344	3006	3754	4602
	2   P absorbée	(W)	909	1140	1387	1653	1940	2251	2587
	3   I absorbée	(A)	6.44	6.89	7.41	8.01	8.71	9.51	10.4
	4   Tc	(°C)	34.0	35.6	37.6	39.9	42.4	45.0	47.6
<b>43</b>	1   P frigorifique	(Watt)	513	894	1335	1839	2413	3067	3817
	2   P absorbée	(W)	805	1062	1337	1635	1957	2306	2683
	3   I absorbée	(A)	6.07	6.62	7.25	7.95	8.74	9.62	10.6
	4   Tc	(°C)	43.0	44.6	46.5	48.8	51.2	53.6	56.0

<b>50 Hz R404A</b>									
<b>N°User-233</b>									
5   T ambience	6   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	1278	1774	2356	3025	3782	4632	5585
	2   P absorbée	(W)	1051	1270	1500	1745	2006	2285	2582
	3   I absorbée	(A)	7.23	7.56	7.97	8.48	9.10	9.82	10.6
	4   Tc	(°C)	28.9	30.5	32.5	34.8	37.3	39.8	42.3
<b>32</b>	1   P frigorifique	(Watt)	1064	1527	2065	2681	3376	4157	5037
	2   P absorbée	(W)	1024	1260	1509	1775	2060	2365	2689
	3   I absorbée	(A)	7.18	7.57	8.04	8.61	9.28	10.0	10.9
	4   Tc	(°C)	34.6	36.2	38.2	40.5	42.9	45.3	47.7
<b>43</b>	1   P frigorifique	(Watt)	728	1136	1603	2132	2728	3401	4169
	2   P absorbée	(W)	944	1207	1487	1788	2111	2458	2827
	3   I absorbée	(A)	6.98	7.47	8.03	8.69	9.43	10.3	11.2
	4   Tc	(°C)	43.8	45.3	47.3	49.4	51.7	53.9	56.1

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

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<b>SILFH2480Z-XC</b>	<b>Tension XC : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les **conditions Standard TE** :  
 Condition Dew

The performance data are in **Standard TE conditions** :  
 Dew Condition

Gaz aspirés : 32.0 °C  
 Sous refroidissement : 2.0 K

Return gas : 32.0 °C  
 Subcooling : 2.0 K

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**50 Hz R448A (\*)**

**N°User-236**

5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	1826	2454	3186	4027	4983
	2   P absorbée	(W)	1302	1535	1784	2052	2342
	3   I absorbée	(A)	6.92	7.46	8.08	8.80	9.62
	4   Tc	(°C)	30.0	32.0	34.2	36.6	39.2
<b>32</b>	1   P frigorifique	(Watt)	1588	2174	2858	3644	4539
	2   P absorbée	(W)	1293	1547	1820	2114	2432
	3   I absorbée	(A)	6.90	7.50	8.18	8.96	9.83
	4   Tc	(°C)	35.8	37.7	39.8	42.2	44.8
<b>43</b>	1   P frigorifique	(Watt)	1208	1727	2334	3034	3835
	2   P absorbée	(W)	1244	1531	1841	2176	2539
	3   I absorbée	(A)	6.73	7.44	8.22	9.10	10.1
	4   Tc	(°C)	44.9	46.8	48.9	51.2	53.6

**50 Hz R449A (\*)**

**N°User-235**

5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	1826	2452	3183	4022	4976
	2   P absorbée	(W)	1302	1535	1785	2054	2346
	3   I absorbée	(A)	6.92	7.46	8.08	8.81	9.63
	4   Tc	(°C)	30.1	32.1	34.3	36.7	39.3
<b>32</b>	1   P frigorifique	(Watt)	1587	2172	2854	3638	4531
	2   P absorbée	(W)	1293	1547	1820	2115	2435
	3   I absorbée	(A)	6.90	7.50	8.19	8.96	9.84
	4   Tc	(°C)	35.9	37.8	40.0	42.4	44.9
<b>43</b>	1   P frigorifique	(Watt)	1206	1724	2328	3026	3824
	2   P absorbée	(W)	1243	1530	1841	2177	2541
	3   I absorbée	(A)	6.72	7.43	8.22	9.10	10.1
	4   Tc	(°C)	45.0	46.9	49.0	51.3	53.7

**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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