



Condensing unit  
Voltage Code : XC

# SILFH4538Z-XC

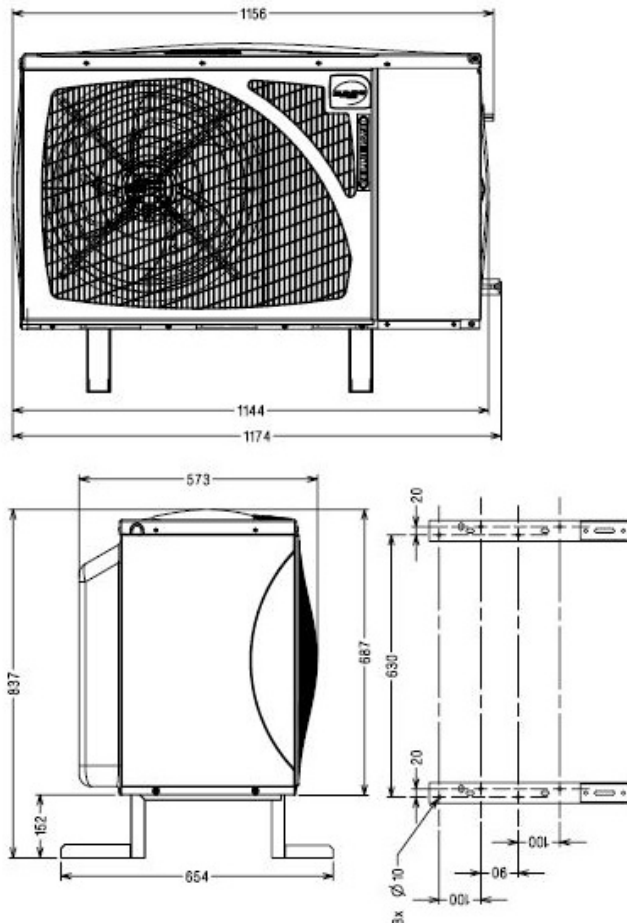
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILFH4538Z-XC

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	4943	16854	67 dBA
EN13215 / R404A	50 Hz	5366	18297	67 dBA
EN13215 / R448A	50 Hz	4809	16398	67 dBA
EN13215 / R449A	50 Hz	4799	16366	67 dBA



\* EN13215 : T°Ambient 32.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

<b>Net Weight (Kg)</b>	88.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	2970
<b>Elec Comp Type</b>	CSR
<b>Current (Amp)</b>	
Load Rated Amp	16.4
Max Cont Current	27
Lock Rotor Amp	79
<b>Fan</b>	
Speed (rpm)	830
Power (W)	95.0
Diameter (mm)	450
Protection	Electronic
IP Level	IP54
<b>Condenser</b>	450/17000
<b>Liquid Receiver</b>	
Capacity (L)	3.9
Maximum Pressure (Bars)	32.0
<b>Suction Line</b>	
Suction Type	Tube / Tube
For Tubing Out Diam	22.2 (7/8")
Suction Connection Type	Brased
<b>Liquid Line</b>	
Liquid Line Type	Tube
For Tubing Out Diam	12.7 (1/2")
Liquid Connecton Type	Brased
<b>Connection Type</b>	TT
<b>Fan Guard</b>	maille < à 8mm

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<b>SILFH4538Z-XC</b>	<b>Tension XC : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les <b>conditions EN13215</b> :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

<b>50 Hz R452A</b>											
											<b>N°6738</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	2740	3582	4512	5525	6610	7753	8936	10140	11350
	2   P absorbée	(W)	1679	1922	2166	2415	2673	2946	3238	3555	3902
	3   I absorbée	(A)	8.70	9.65	10.7	11.8	12.9	14.2	15.5	17.0	18.5
	4   Tc	(°C)	30.1	32.1	34.2	36.5	38.9	41.5	44.3	47.2	50.4
<b>32</b>	1   P frigorifique	(Watt)		3135	4007	4943	5933	6969	8038	9130	10239
	2   P absorbée	(W)		1950	2223	2498	2782	3077	3390	3724	4086
	3   I absorbée	(A)		9.81	11.0	12.2	13.5	14.8	16.2	17.8	19.4
	4   Tc	(°C)		37.9	39.9	42.1	44.4	46.8	49.4	52.1	55.0
<b>43</b>	1   P frigorifique	(Watt)			3211	4021	4864	5736	6637	7571	
	2   P absorbée	(W)			2270	2594	2922	3258	3607	3974	
	3   I absorbée	(A)			11.1	12.6	14.1	15.6	17.2	18.9	
	4   Tc	(°C)			49.0	50.9	53.0	55.2	57.4	59.9	

<b>50 Hz R404A</b>											
											<b>N°6665</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	3137	3988	4935	5970	7076	8236	9432	10650	11882
	2   P absorbée	(W)	1735	1956	2178	2404	2638	2884	3145	3426	3728
	3   I absorbée	(A)	9.00	9.85	10.8	11.8	12.8	14.0	15.2	16.4	17.8
	4   Tc	(°C)	30.5	32.2	34.1	36.3	38.7	41.3	44.0	46.8	49.7
<b>32</b>	1   P frigorifique	(Watt)		3540	4420	5366	6364	7404	8471	9559	10669
	2   P absorbée	(W)		2004	2251	2501	2758	3026	3308	3606	3923
	3   I absorbée	(A)		10.1	11.1	12.2	13.4	14.6	15.9	17.3	18.7
	4   Tc	(°C)		38.1	39.9	42.0	44.2	46.6	49.1	51.7	54.4
<b>43</b>	1   P frigorifique	(Watt)			3580	4383	5212	6062	6931	7824	8763
	2   P absorbée	(W)			2335	2627	2925	3230	3547	3876	4220
	3   I absorbée	(A)			11.5	12.8	14.2	15.6	17.0	18.5	20.0
	4   Tc	(°C)			49.1	50.9	52.9	55.0	57.2	59.4	61.7

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

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<b>SILFH4538Z-XC</b>	<b>Tension XC : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les <b>conditions EN13215</b> :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

<b>50 Hz R448A (*)</b>											
											<b>N°7229</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	2483	3316	4264	5328	6508	7799	9195	10684	12257
	2   P absorbée	(W)	1594	1807	2024	2247	2480	2726	2990	3277	3592
	3   I absorbée	(A)	8.27	9.09	9.99	11.0	12.0	13.2	14.4	15.7	17.0
	4   Tc	(°C)	28.5	30.0	31.8	33.8	35.9	38.3	40.9	43.7	46.6
<b>32</b>	1   P frigorifique	(Watt)		2928	3819	4809	5899	7089	8372	9742	11194
	2   P absorbée	(W)		1847	2090	2339	2599	2872	3162	3475	3814
	3   I absorbée	(A)		9.30	10.3	11.4	12.6	13.8	15.2	16.6	18.1
	4   Tc	(°C)		36.1	37.8	39.6	41.7	43.9	46.3	48.9	51.7
<b>43</b>	1   P frigorifique	(Watt)			3113	3987	4937	5966	7075	8262	
	2   P absorbée	(W)			2163	2458	2764	3083	3419	3775	
	3   I absorbée	(A)			10.6	11.9	13.3	14.8	16.3	18.0	
	4   Tc	(°C)			47.2	48.9	50.7	52.7	54.9	57.2	

<b>50 Hz R449A (*)</b>											
											<b>N°7230</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	2481	3313	4258	5319	6495	7780	9167	10646	12205
	2   P absorbée	(W)	1594	1808	2025	2249	2483	2731	2998	3287	3606
	3   I absorbée	(A)	8.27	9.09	9.99	11.0	12.0	13.2	14.4	15.7	17.1
	4   Tc	(°C)	28.5	30.1	31.9	33.9	36.1	38.5	41.1	43.9	46.8
<b>32</b>	1   P frigorifique	(Watt)		2924	3813	4799	5885	7068	8343	9702	11141
	2   P absorbée	(W)		1848	2091	2342	2602	2877	3170	3485	3828
	3   I absorbée	(A)		9.31	10.3	11.4	12.6	13.9	15.2	16.6	18.2
	4   Tc	(°C)		36.2	37.9	39.7	41.8	44.1	46.5	49.1	51.9
<b>43</b>	1   P frigorifique	(Watt)			3106	3976	4921	5943	7043		
	2   P absorbée	(W)			2164	2460	2767	3088	3426		
	3   I absorbée	(A)			10.6	12.0	13.3	14.8	16.4		
	4   Tc	(°C)			47.3	49.0	50.8	52.8	55.0		

**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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