



# Tecumseh

Condensing unit  
Voltage Code : XG

# SILFH4532Z-XG

High Temp. Commercial (HP)

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

## R449A

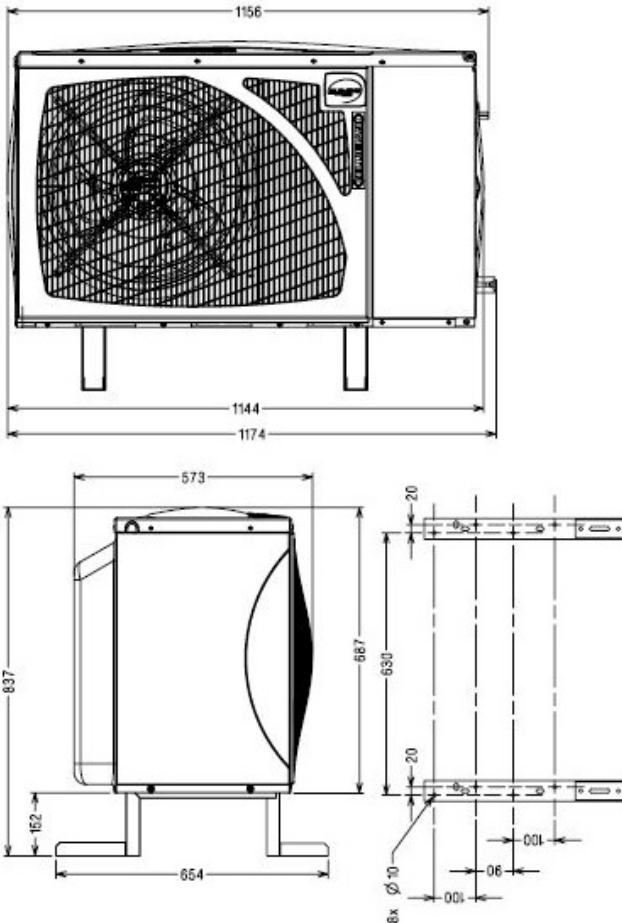
## SILFH4532Z-XG

Operating conditions : **Customized... / 50 Hz / Dew**

**Sound Power**  
ISO3745 / ISO 3743-1

<b>Evaporating Temp. :</b> -10.0 °C	<b>Refrig. Capacity :</b> 3275 Watt
<b>Superheat :</b> 8.00 K	<b>Power Input :</b> 1740 Watt
<b>Return gas temp. :</b> 0.00 °C	<b>Amps :</b> 3.58 A
<b>Ambient :</b> 32.0 °C	<b>C.O.P. :</b> 1.88 Watt/W
<b>Subcooling :</b> 1.00 K	

65 dBA



<b>Net Weight (Kg)</b>	86.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	2700
<b>Elec Comp Type</b>	TRI
<b>Current (Amp)</b>	
Load Rated Amp	4.1
Max Cont Current	7.8
Lock Rotor Amp	30
<b>Fan</b>	
Speed (rpm)	830 / 830
Power (W)	95.0
Diameter (mm)	450
Protection	Electronic
IP Level	IP44
<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

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



**Tecumseh**

<b>SILFH4532Z-XG</b>	<b>Tension XG : 380-420V 3~ 50Hz / 460V 3~ 60 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

**50 Hz R449A (\*)**

**N°User-263**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1901	2535	3260	4077	4989	5997	7108	8333	9688
	2   P absorbée	(W)	1150	1317	1489	1665	1848	2037	2232	2432	2635
	3   I absorbée	(A)	2.87	3.07	3.27	3.49	3.72	3.97	4.23	4.50	4.78
	4   Tc	(°C)	27.2	29.0	31.1	33.3	35.7	38.1	40.5	42.9	45.2
<b>32</b>	1   P frigorifique	(Watt)		2201	2878	3634	4471	5394	6409	7529	8772
	2   P absorbée	(W)		1355	1545	1740	1941	2149	2363	2582	2805
	3   I absorbée	(A)		3.10	3.34	3.58	3.85	4.12	4.41	4.71	5.02
	4   Tc	(°C)		35.5	37.3	39.3	41.5	43.7	46.0	48.2	50.4
<b>43</b>	1   P frigorifique	(Watt)			2282	2942	3664	4454	5320	6278	
	2   P absorbée	(W)			1618	1845	2079	2319	2565	2816	
	3   I absorbée	(A)			3.42	3.72	4.03	4.36	4.70	5.05	
	4   Tc	(°C)			47.1	48.8	50.7	52.7	54.7	56.7	

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**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 refoulement 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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