



Condensing unit  
Voltage Code : TZ

# SILAGD4614Z-TZ

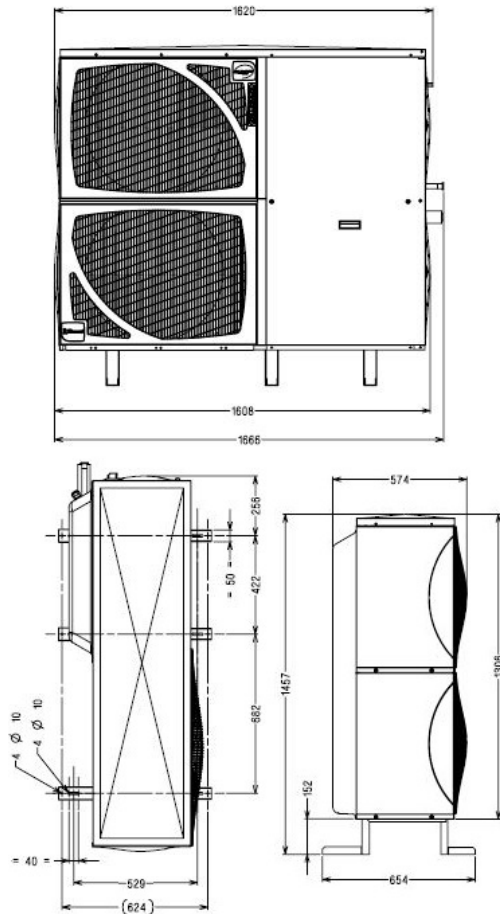
High Temp. Commercial (HP)

400V 3~ 50Hz / 440V 3~ 60 Hz

R449A

## SILAGD4614Z-TZ

Operating conditions : <b>Customized... / 50 Hz / Dew</b>		Sound Power ISO3745 / ISO 3743-1
<b>Evaporating Temp. :</b> -10.0 °C <b>Superheat :</b> 8.00 K <b>Return gas temp. :</b> 0.00 °C <b>Ambient :</b> 32.0 °C <b>Subcooling :</b> 1.00 K	<b>Refrig. Capacity :</b> 13985 Watt  <b>Power Input :</b> 8040 Watt <b>Amps :</b> 15.1 A <b>C.O.P :</b> 1.74 Watt/W	76 dBA



<b>Net Weight (Kg)</b>	256.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	6600 / 6600
<b>Compo Data Sheet</b>	227JU-T
<b>Elec Comp Type</b>	TRI
<b>Current (Amp)</b>	
Load Rated Amp	22   23
Max Cont Current	37   36
Lock Rotor Amp	113   117
<b>Fan</b>	
Speed (rpm)	870 / 870
Power (W)	180.0
Diameter (mm)	500
Protection	Electronic
IP Level	IP44
<b>Condenser</b>	2x500/20200
<b>Liquid Receiver</b>	
Capacity (L)	12.0
Maximum Pressure (Bars)	32.0
<b>Suction Line</b>	
Suction Type	Tube / Tube
For Tubing Out Diam	34.9 (1"3/8)
Suction Connection Type	Brased
<b>Liquid Line</b>	
Liquid Line Type	Tube
For Tubing Out Diam	22.2 (7/8")
Liquid Connecton Type	Brased
<b>Connection Type</b>	TT
<b>Fan Guard</b>	maille < à 8mm

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**Tecumseh**

<b>SILAGD4614Z-TZ</b>	<b>Tension TZ : 400V 3~ 50Hz / 440V 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

<b>50 Hz R449A (*)</b>											
											<b>N°5326</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)	8176	10930	14122	17725	21671	25833	30016	33953	37356
	2   P absorbée	(W)	5194	6024	6884	7801	8814	9976	11355	13047	15184
	3   I absorbée	(A)	11.2	12.3	13.5	14.8	16.3	17.9	19.9	22.1	24.9
	4   Tc	(°C)	29.1	31.0	33.0	35.2	37.8	41.0	44.9	49.7	55.7
<b>32</b>	1   P frigorifique	(Watt)		9265	12232	15581	19269	23202	27227	31138	
	2   P absorbée	(W)		6024	7009	8040	9152	10395	11837	13568	
	3   I absorbée	(A)		12.3	13.6	15.1	16.7	18.4	20.4	22.7	
	4   Tc	(°C)		37.6	39.6	41.7	44.1	46.9	50.3	54.5	
<b>43</b>	1   P frigorifique	(Watt)				12242	15536	19121			
	2   P absorbée	(W)				8253	9590	11017			
	3   I absorbée	(A)				15.3	17.1	19.0			
	4   Tc	(°C)				51.9	53.9	56.1			

<b>60 Hz R449A (*)</b>											
											<b>N°5326</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)	10038	13082	16772	20915	25284	29608	33570	36806	
	2   P absorbée	(W)	6333	7539	8805	10153	11613	13224	15040	17120	
	3   I absorbée	(A)	12.4	13.9	15.6	17.4	19.4	21.7	24.3	27.2	
	4   Tc	(°C)	30.0	32.4	35.0	37.7	40.9	44.7	49.1	54.3	
<b>32</b>	1   P frigorifique	(Watt)		11308	14599	18410	22532	26713	30663		
	2   P absorbée	(W)		7461	8856	10315	11863	13534	15375		
	3   I absorbée	(A)		13.9	15.6	17.6	19.7	22.0	24.7		
	4   Tc	(°C)		39.1	41.4	43.9	46.7	49.9	53.7		
<b>43</b>	1   P frigorifique	(Watt)				14345	17996				
	2   P absorbée	(W)				10239	11998				
	3   I absorbée	(A)				17.7	20.0				
	4   Tc	(°C)				53.8	55.9				

**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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