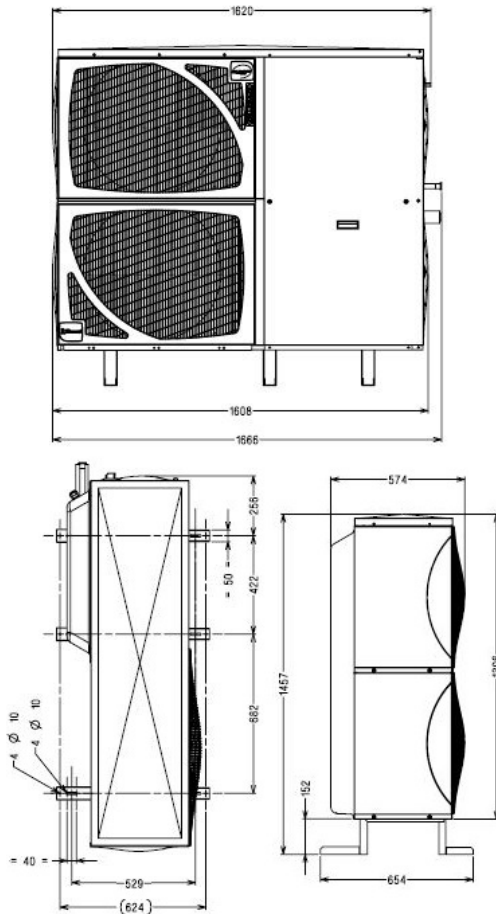


**Condensing unit**  
**Voltage Code : TZ**

# SILAGD2544Z-TZ

**Low Temp. Commercial (BP)**
**400V 3~ 50Hz / 440V 3~ 60 Hz**
**R449A**
**SILAGD2544Z-TZ**

Operating conditions : <b>Customized... / 50 Hz / Dew</b>		<b>Sound Power</b> 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> 15340 Watt  <b>Power Input :</b> 9549 Watt <b>Amps :</b> 18.6 A <b>C.O.P. :</b> 1.61 Watt/W	75 dBA



<b>Net Weight (Kg)</b>	252.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	6600 / 6600
<b>Compo Data Sheet</b>	127LU-T
<b>Elec Comp Type</b>	TRI
<b>Current (Amp)</b>	
Load Rated Amp	12.6   13.4
Max Cont Current	28   29
Lock Rotor Amp	113   117
<b>Fan</b>	
Speed (rpm)	870 / 870
Power (W)	180.0
Diameter (mm)	500
Protection	Thermostat
IP Level	IP44
<b>Condenser</b>	2x500/17200
<b>Liquid Receiver</b>	
Capacity (L)	9.5
Maximum Pressure (Bars)	32.0
<b>Suction Line</b>	
Suction Type	Tube / Tube
For Tubing Out Diam	28.6 (1"1/8)
Suction Connection Type	Brased
<b>Liquid Line</b>	
Liquid Line Type	Tube
For Tubing Out Diam	15.9 (5/8")
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.



**Tecumseh**

<b>SILAGD2544Z-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°5322</b>							
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)	6833	9364	12336	15689	19303
	2   P absorbée	(W)	5105	6025	7031	8149	9408
	3   I absorbée	(A)	12.0	13.3	14.8	16.4	18.3
	4   Tc	(°C)	32.1	33.1	34.5	36.5	39.2
<b>32</b>	1   P frigorifique	(Watt)	5817	8091	10784	13856	17215
	2   P absorbée	(W)	5066	6037	7091	8252	9549
	3   I absorbée	(A)	12.0	13.4	15.0	16.7	18.6
	4   Tc	(°C)	38.7	39.8	41.2	43.0	45.5
<b>43</b>	1   P frigorifique	(Watt)		6261	8549	11209	14190
	2   P absorbée	(W)		5970	7118	8365	9736
	3   I absorbée	(A)		13.4	15.1	16.9	18.9
	4   Tc	(°C)		50.3	51.6	53.2	55.4

<b>60 Hz R449A (*)</b>							
<b>N°5322</b>							
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)	7812	10771	14156	17915	21956
	2   P absorbée	(W)	6465	7713	9080	10629	12416
	3   I absorbée	(A)	12.2	13.9	15.8	17.9	20.2
	4   Tc	(°C)	36.8	37.7	39.0	40.8	43.4
<b>32</b>	1   P frigorifique	(Watt)	6472	9209	12362	15892	19726
	2   P absorbée	(W)	6317	7687	9137	10736	12550
	3   I absorbée	(A)	12.0	13.8	15.8	18.0	20.4
	4   Tc	(°C)	43.8	44.8	46.0	47.7	50.0
<b>43</b>	1   P frigorifique	(Watt)		6822	9621		
	2   P absorbée	(W)		7353	9029		
	3   I absorbée	(A)		13.2	15.5		
	4   Tc	(°C)		55.8	57.0		

**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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