



Tecumseh

Condensing unit
Voltage Code : TZ

SILAGD4610Z-TZ

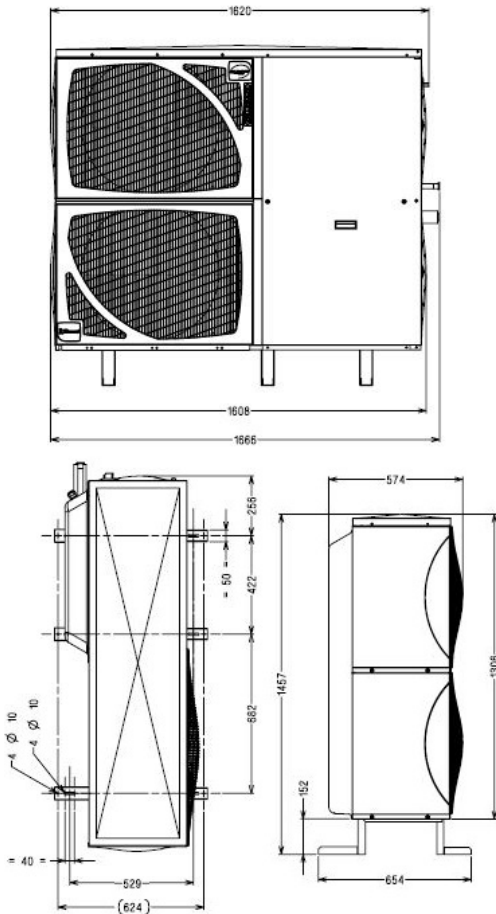
High Temp. Commercial (HP)

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

R449A

SILAGD4610Z-TZ

Operating conditions : Customized... / 50 Hz / Dew		Sound Power ISO3745 / ISO 3743-1
Evaporating Temp. : -10.0 °C Superheat : 8.00 K Return gas temp. : 0.00 °C Ambient : 32.0 °C Subcooling : 1.00 K	Refrig. Capacity : 10945 Watt Power Input : 6370 Watt Amps : 13.0 A C.O.P. : 1.72 Watt/W	78 dBA



Net Weight (Kg)	249.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	6600 / 6600
Compo Data Sheet	227EU-T
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	17 18
Max Cont Current	29 29
Lock Rotor Amp	93 91
Fan	
Speed (rpm)	870 / 870
Power (W)	180.0
Diameter (mm)	500
Protection	Thermostat
IP Level	IP44
Condenser	2x500/20200
Liquid Receiver	
Capacity (L)	9.5
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Tube / Tube
For Tubing Out Diam	28.6 (1"1/8)
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Tube
For Tubing Out Diam	15.9 (5/8")
Liquid Connecton Type	Brased
Connection Type	TT
Fan Guard	maille < à 8mm

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



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SILAGD4610Z-TZ	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz
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Les performances sont données dans les conditions EN13215 :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

50 Hz R449A (*)											
N°5324											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	5857	8209	10955	14088	17567	21312	25202	29070	32710
	2 P absorbée	(W)	4039	4767	5500	6253	7046	7901	8848	9921	11163
	3 I absorbée	(A)	9.89	10.8	11.8	12.8	13.9	15.2	16.6	18.2	20.0
	4 Tc	(°C)	27.8	29.2	30.8	32.7	34.9	37.6	40.7	44.4	48.8
32	1 P frigorifique	(Watt)		6792	9298	12140	15295	18711	22296	25921	29422
	2 P absorbée	(W)		4695	5525	6370	7247	8178	9188	10309	11580
	3 I absorbée	(A)		10.7	11.8	13.0	14.2	15.6	17.1	18.7	20.6
	4 Tc	(°C)		35.7	37.3	39.1	41.2	43.6	46.5	49.7	53.6
43	1 P frigorifique	(Watt)			6710	9132	11813	14740	17868		
	2 P absorbée	(W)			5324	6349	7395	8477	9615		
	3 I absorbée	(A)			11.6	13.0	14.5	16.0	17.6		
	4 Tc	(°C)			47.7	49.4	51.2	53.2	55.5		

60 Hz R449A (*)											
N°5324											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	7198	10044	13259	16804	20612	24566	28504	32210	35423
	2 P absorbée	(W)	4983	5963	6950	7964	9030	10176	11435	12842	14436
	3 I absorbée	(A)	10.6	11.6	12.7	13.9	15.2	16.7	18.3	20.2	22.4
	4 Tc	(°C)	28.7	30.5	32.4	34.7	37.2	40.2	43.8	47.9	52.7
32	1 P frigorifique	(Watt)		8261	11251	14529	18048	21724	25430	29000	32234
	2 P absorbée	(W)		5790	6902	8029	9190	10411	11723	13157	14749
	3 I absorbée	(A)		11.5	12.7	14.0	15.5	17.0	18.8	20.7	22.9
	4 Tc	(°C)		36.9	38.8	40.9	43.3	46.0	49.1	52.7	56.9
43	1 P frigorifique	(Watt)				10891	13985	17250			
	2 P absorbée	(W)				7789	9155	10546			
	3 I absorbée	(A)				14.0	15.7	17.4			
	4 Tc	(°C)				50.8	52.9	55.1			

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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