

Condensing unit
Voltage Code : TZ

SILAGD4612Z-TZ

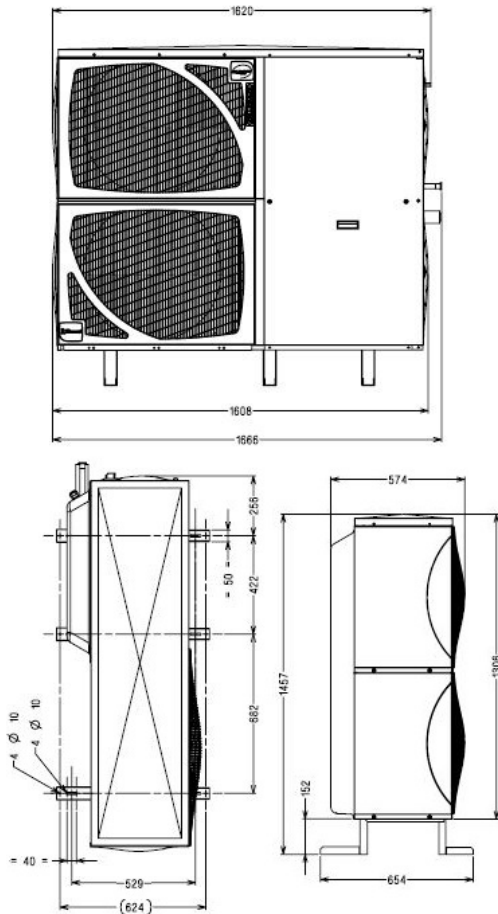
High Temp. Commercial (HP)

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

R449A

SILAGD4612Z-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 : 12171 Watt Power Input : 7155 Watt Amps : 13.3 A C.O.P. : 1.70 Watt/W	79 dBA



Net Weight (Kg)	253.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	6600 / 6600
Compo Data Sheet	227GU-T
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	19.6 20
Max Cont Current	32 31
Lock Rotor Amp	101 105
Fan	
Speed (rpm)	870 / 870
Power (W)	180.0
Diameter (mm)	500
Protection	Thermostat
IP Level	IP44
Condenser	2x500/20200
Liquid Receiver	
Capacity (L)	12.0
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Tube / Tube
For Tubing Out Diam	34.9 (1"3/8)
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Tube
For Tubing Out Diam	22.2 (7/8")
Liquid Connecton Type	Brased
Connection Type	TT
Fan Guard	maille < à 8mm

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SILAGD4612Z-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°5325
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	6777	9316	12246	15552	19183	23043	26989	30827	34323
	2 P absorbée	(W)	4564	5339	6139	6989	7915	8945	10111	11447	12994
	3 I absorbée	(A)	10.2	11.0	12.0	13.1	14.4	15.8	17.5	19.4	21.5
	4 Tc	(°C)	28.4	29.9	31.7	33.7	36.1	38.9	42.3	46.2	50.8
32	1 P frigorifique	(Watt)		7805	10503	13523	16836	20380	24047	27689	31126
	2 P absorbée	(W)		5332	6225	7155	8146	9228	10431	11790	13343
	3 I absorbée	(A)		11.0	12.1	13.3	14.7	16.2	17.9	19.8	22.0
	4 Tc	(°C)		36.5	38.2	40.1	42.3	44.9	47.8	51.3	55.4
43	1 P frigorifique	(Watt)			7724	10353	13221	16308	19567		
	2 P absorbée	(W)			6116	7223	8367	9572	10868		
	3 I absorbée	(A)			12.1	13.5	15.0	16.6	18.4		
	4 Tc	(°C)			48.5	50.3	52.2	54.3	56.7		

60 Hz R449A (*)											
											N°5325
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	8501	11349	14762	18605	22716	26902	30937	34564	37514
	2 P absorbée	(W)	5593	6626	7723	8901	10182	11594	13169	14946	16972
	3 I absorbée	(A)	10.9	12.2	13.7	15.3	17.1	19.1	21.3	23.8	26.5
	4 Tc	(°C)	29.2	31.3	33.5	36.0	38.8	42.2	46.1	50.7	56.2
32	1 P frigorifique	(Watt)		9603	12685	16230	20089	24088	28019	31654	
	2 P absorbée	(W)		6551	7748	9012	10365	11830	13439	15229	
	3 I absorbée	(A)		12.2	13.7	15.4	17.3	19.3	21.5	24.0	
	4 Tc	(°C)		37.8	39.9	42.2	44.8	47.7	51.2	55.2	
43	1 P frigorifique	(Watt)				12393	15812	19484			
	2 P absorbée	(W)				8923	10445	12042			
	3 I absorbée	(A)				15.4	17.4	19.5			
	4 Tc	(°C)				52.2	54.3	56.6			

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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