



Condensing unit
Voltage Code : TZ

SILAG4546Z-TZ

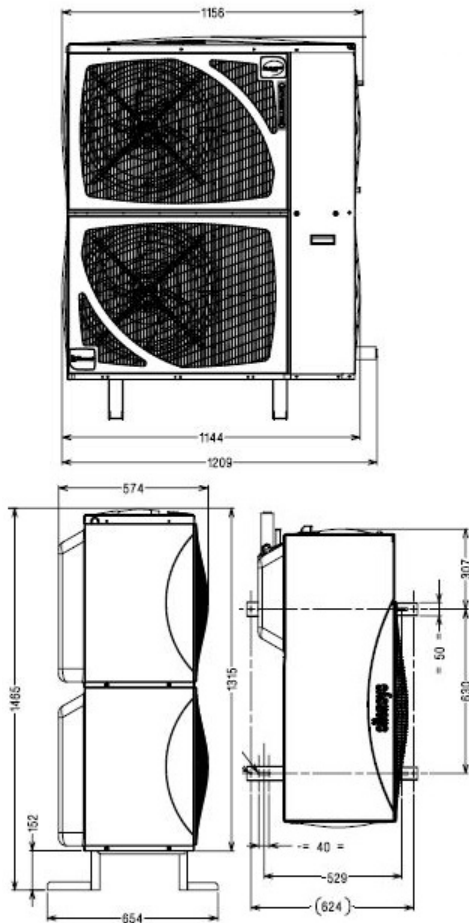
High Temp. Commercial (HP)

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

R449A

SILAG4546Z-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 : 4726 Watt Power Input : 2824 Watt Amps : 6.43 A C.O.P. : 1.67 Watt/W	77 dBA



Net Weight (Kg)	128.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	5940 / 5940
Compo Data Sheet	227CU-T
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	8.6 8.8
Max Cont Current	14.9 13.9
Lock Rotor Amp	44 44
Fan	
Speed (rpm)	830 / 830
Power (W)	95.0
Diameter (mm)	450
Protection	Resistance PTC
IP Level	IP54
Condenser	2x450/11500
Liquid Receiver	
Capacity (L)	6.0
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Tube / Tube
For Tubing Out Diam	22.2 (7/8")
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.



Tecumseh

SILAG4546Z-TZ	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz
----------------------	--

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

© 2021 Tecumseh Products Company
All rights reserved

50 Hz R449A (*)

N°6803

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2524	3530	4713	6073	7607	9307	11159	13149	15260
	2 P absorbée	(W)	1803	2122	2446	2780	3128	3496	3891	4319	4788
	3 I absorbée	(A)	5.08	5.48	5.91	6.38	6.88	7.42	8.00	8.64	9.34
	4 Tc	(°C)	28.1	29.8	31.6	33.7	35.9	38.4	41.0	43.9	46.9
32	1 P frigorifique	(Watt)		2914	4001	5248	6654	8217	9926	11772	13747
	2 P absorbée	(W)		2093	2455	2824	3205	3603	4023	4474	4962
	3 I absorbée	(A)		5.44	5.92	6.43	6.97	7.54	8.16	8.83	9.55
	4 Tc	(°C)		36.2	37.9	39.8	41.9	44.1	46.6	49.2	52.0
43	1 P frigorifique	(Watt)			2933	4005	5215	6564	8053		
	2 P absorbée	(W)			2376	2817	3262	3718	4190		
	3 I absorbée	(A)			5.82	6.41	7.02	7.67	8.35		
	4 Tc	(°C)			47.7	49.4	51.2	53.1	55.3		

60 Hz R449A (*)

N°6803

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		3976	5419	7024	8782	10676	12685	14782	16943
	2 P absorbée	(W)		2553	3005	3472	3958	4467	5008	5586	6212
	3 I absorbée	(A)		5.86	6.36	6.89	7.46	8.07	8.74	9.46	10.2
	4 Tc	(°C)		32.9	34.7	36.6	38.8	41.1	43.7	46.4	49.4
32	1 P frigorifique	(Watt)			4465	5958	7581	9324	11171	13104	15104
	2 P absorbée	(W)			2942	3456	3986	4539	5119	5735	6394
	3 I absorbée	(A)			6.34	6.92	7.54	8.20	8.90	9.66	10.5
	4 Tc	(°C)			41.1	42.9	44.9	47.1	49.4	51.9	54.7
43	1 P frigorifique	(Watt)				4286	5714	7234			
	2 P absorbée	(W)				3327	3942	4574			
	3 I absorbée	(A)				6.85	7.55	8.29			
	4 Tc	(°C)				52.8	54.5	56.4			

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.

Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.

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