



Condensing unit
Voltage Code : TZ

SILAG4543Y-TZ

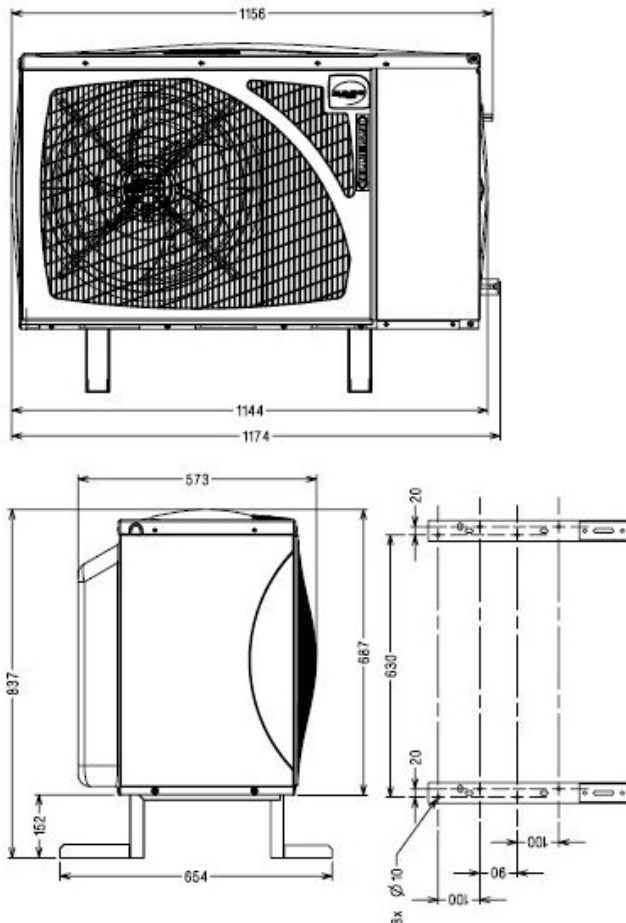
High Temp. Commercial (HP)

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

R134a / R513A

SILAG4543Y-TZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R134a	50 Hz / 60 Hz	4801 / 5386	16371 / 18367	69 dBA
EN13215 / R513A	50 Hz	5607	19121	69 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

Net Weight (Kg)	107.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	2700 / 2700
Compo Data Sheet	217JU-T
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	6.3 7.2
Max Cont Current	11.5 11.3
Lock Rotor Amp	43 43
Fan	
Speed (rpm)	830
Power (W)	95.0
Diameter (mm)	450
Protection	Overload
IP Level	IP54
Condenser	M450/22000
Liquid Receiver	
Capacity (L)	3.9
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	12.7 (1/2")
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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SILAG4543Y-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 Mid	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Mid Condition	Subcooling :	3.0 K

50 Hz R134a											
											N°6628
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2632	3171	4100	5364	6903	8653	10553	12543	14572
	2 P absorbée	(W)	1053	1435	1786	2117	2444	2786	3163	3594	4098
	3 I absorbée	(A)	3.51	3.95	4.36	4.77	5.19	5.65	6.17	6.79	7.53
	4 Tc	(°C)	29.7	30.4	31.8	33.6	35.9	38.4	41.3	44.2	47.3
32	1 P frigorifique	(Watt)	2328	2798	3639	4801	6226	7856	9635	11509	13435
	2 P absorbée	(W)	1044	1429	1793	2148	2506	2885	3302	3775	4320
	3 I absorbée	(A)	3.52	3.94	4.37	4.80	5.26	5.76	6.33	7.00	7.79
	4 Tc	(°C)	36.5	37.1	38.2	39.9	41.9	44.2	46.7	49.3	52.0
43	1 P frigorifique	(Watt)			2912	3913	5161	6604	8194	9888	11654
	2 P absorbée	(W)			1806	2197	2604	3041	3522	4061	4668
	3 I absorbée	(A)			4.38	4.84	5.35	5.93	6.58	7.33	8.20
	4 Tc	(°C)			48.4	49.7	51.3	53.2	55.2	57.3	59.4

60 Hz R134a											
											N°6628
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2907	3556	4633	6076	7816	9783	11909	14127	16382
	2 P absorbée	(W)	1300	1749	2182	2613	3061	3552	4113	4771	5552
	3 I absorbée	(A)	3.31	3.78	4.26	4.78	5.36	6.02	6.79	7.73	8.84
	4 Tc	(°C)	32.8	33.4	34.7	36.4	38.6	41.1	43.8	46.7	49.6
32	1 P frigorifique	(Watt)		3099	4068	5386	6989	8813	10793	12872	15002
	2 P absorbée	(W)		1745	2192	2651	3140	3682	4299	5016	5855
	3 I absorbée	(A)		3.79	4.27	4.81	5.42	6.13	6.97	7.97	9.16
	4 Tc	(°C)		40.3	41.3	42.9	44.8	47.0	49.4	51.9	54.5
43	1 P frigorifique	(Watt)			3176	4300	5689	7288	9042	10906	12844
	2 P absorbée	(W)			2209	2713	3266	3885	4591	5401	6329
	3 I absorbée	(A)			4.28	4.85	5.53	6.32	7.26	8.36	9.66
	4 Tc	(°C)			51.8	53.0	54.5	56.3	58.2	60.2	62.2

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

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Condition Mid	Sous refroidissement :	3.0 K
The performance data are in EN13215 conditions :	Return gas :	20.0 °C
Mid Condition	Subcooling :	3.0 K

50 Hz R513A											
N°6767											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2799	3865	5053	6365	7798	9340	10982	12714	14534
	2 P absorbée	(W)	1156	1563	1932	2276	2615	2969	3363	3820	4362
	3 I absorbée	(A)	3.51	3.95	4.36	4.77	5.19	5.65	6.18	6.79	7.53
	4 Tc	(°C)	29.7	30.4	31.8	33.6	35.9	38.4	41.3	44.2	47.3
32	1 P frigorifique	(Watt)	2253	3273	4387	5607	6937	8371	9906	11539	13274
	2 P absorbée	(W)	1129	1540	1925	2296	2669	3065	3505	4010	4599
	3 I absorbée	(A)	3.52	3.95	4.37	4.80	5.26	5.76	6.33	7.00	7.79
	4 Tc	(°C)	36.5	37.1	38.2	39.9	41.9	44.2	46.7	49.3	52.0
43	1 P frigorifique	(Watt)		2332	3355	4450	5631	6906	8279	9759	11358
	2 P absorbée	(W)		1503	1914	2328	2758	3221	3734	4314	4975
	3 I absorbée	(A)		3.94	4.38	4.85	5.36	5.93	6.58	7.34	8.20
	4 Tc	(°C)		47.6	48.4	49.7	51.3	53.2	55.2	57.3	59.4

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