



Condensing unit
Voltage Code : TZ

SILAJ4461Y-TZ

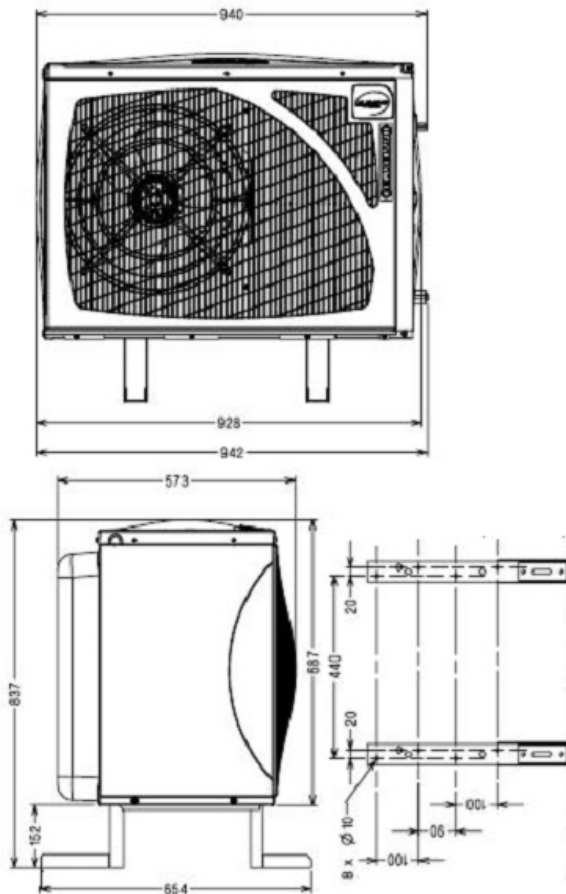
High Temp. Commercial (HP)

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

R134a / R513A

SILAJ4461Y-TZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R134a	50 Hz / 60 Hz	924 / 1095	3149 / 3732	57 dBA
EN13215 / R513A	50 Hz / 60 Hz	1001 / 1185	3412 / 4042	57 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)	68.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1650 / 1650
Compo Data Sheet	214EU-T
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	1.7 1.5
Max Cont Current	2.5 2.9
Lock Rotor Amp	9.4 9.8
Fan	
Speed (rpm)	546 / 546
Power (W)	65.0
Diameter (mm)	360
Protection	Overload
IP Level	IP44
Condenser	360/11500
Liquid Receiver	
Capacity (L)	1.5
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Tube / Tube
For Tubing Out Diam	12.7 (1/2")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Tube
For Tubing Out Diam	6.35 (1/4")
Liquid Connecton Type	Brased
Connection Type	TT
Fan Guard	maille < à 8mm

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SILAJ4461Y-TZ	Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz
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Les performances sont données dans les **conditions EN13215** :
 Condition Dew
 The performance data are in **EN13215 conditions** :
 Dew Condition

Gaz aspirés : 20.0 °C
 Sous refroidissement : 3.0 K
 Return gas : 20.0 °C
 Subcooling : 3.0 K

50 Hz R134a											
N°914E-T											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	461	612	796	1017	1279	1586	1941	2347	2807
	2 P absorbée	(W)	365	396	429	465	502	542	583	627	673
	3 I absorbée	(A)	1.35	1.37	1.39	1.42	1.45	1.48	1.52	1.56	1.60
	4 Tc	(°C)	28.3	29.2	30.1	31.2	32.3	33.5	34.8	36.1	37.5
32	1 P frigorifique	(Watt)	409	551	721	924	1162	1441	1762	2131	2548
	2 P absorbée	(W)	362	399	438	479	522	568	616	665	717
	3 I absorbée	(A)	1.33	1.36	1.39	1.43	1.47	1.51	1.55	1.60	1.65
	4 Tc	(°C)	34.7	35.6	36.6	37.7	38.8	40.0	41.3	42.7	44.2
43	1 P frigorifique	(Watt)		450	599	773	976	1211	1481	1790	2141
	2 P absorbée	(W)		402	451	501	554	609	666	726	787
	3 I absorbée	(A)		1.34	1.39	1.44	1.49	1.55	1.61	1.67	1.74
	4 Tc	(°C)		45.8	46.8	47.9	49.1	50.3	51.7	53.1	54.6

60 Hz R134a											
N°914E-T											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	541	733	957	1216	1512	1850	2230	2655	3127
	2 P absorbée	(W)	445	486	530	578	629	684	743	805	870
	3 I absorbée	(A)	1.37	1.40	1.44	1.49	1.54	1.60	1.67	1.74	1.83
	4 Tc	(°C)	28.6	29.6	30.6	31.8	33.0	34.4	35.9	37.5	39.1
32	1 P frigorifique	(Watt)	451	637	851	1095	1372	1687	2041	2435	2873
	2 P absorbée	(W)	435	483	534	589	648	711	776	846	919
	3 I absorbée	(A)	1.35	1.39	1.44	1.49	1.56	1.63	1.70	1.79	1.88
	4 Tc	(°C)	35.0	35.9	37.0	38.1	39.3	40.6	42.1	43.6	45.3
43	1 P frigorifique	(Watt)		476	673	894	1142	1421	1733	2080	2465
	2 P absorbée	(W)		478	541	608	678	752	829	910	995
	3 I absorbée	(A)		1.36	1.43	1.50	1.58	1.66	1.75	1.85	1.96
	4 Tc	(°C)		46.0	46.9	48.0	49.2	50.4	51.8	53.3	54.9

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

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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 R513A											
											N°6579
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	542	700	888	1110	1371	1673	2018	2409	2845
	2 P absorbée	(W)	376	414	452	490	529	569	612	659	709
	3 I absorbée	(A)	1.37	1.39	1.40	1.42	1.45	1.48	1.51	1.55	1.60
	4 Tc	(°C)	28.3	29.2	30.1	31.2	32.3	33.5	34.8	36.1	37.5
32	1 P frigorifique	(Watt)	479	627	799	1001	1236	1507	1817	2167	2557
	2 P absorbée	(W)	376	421	465	509	554	600	649	702	759
	3 I absorbée	(A)	1.35	1.37	1.40	1.43	1.47	1.51	1.55	1.60	1.66
	4 Tc	(°C)	34.7	35.6	36.6	37.7	38.8	40.0	41.3	42.7	44.2
43	1 P frigorifique	(Watt)		506	656	828	1024	1249	1505	1792	2112
	2 P absorbée	(W)		422	477	532	588	645	705	769	836
	3 I absorbée	(A)		1.35	1.40	1.45	1.50	1.55	1.61	1.68	1.75
	4 Tc	(°C)		45.8	46.8	47.9	49.1	50.3	51.6	53.1	54.6

60 Hz R513A											
											N°6579
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	636	838	1067	1326	1620	1949	2316	2720	3161
	2 P absorbée	(W)	439	493	543	593	643	699	760	830	910
	3 I absorbée	(A)	1.28	1.31	1.34	1.38	1.43	1.49	1.56	1.63	1.72
	4 Tc	(°C)	28.6	29.6	30.6	31.8	33.0	34.4	35.9	37.5	39.1
32	1 P frigorifique	(Watt)	528	724	941	1185	1459	1764	2102	2473	2878
	2 P absorbée	(W)	427	494	555	614	672	734	801	875	959
	3 I absorbée	(A)	1.27	1.31	1.35	1.40	1.46	1.53	1.60	1.69	1.78
	4 Tc	(°C)	35.0	35.9	37.0	38.1	39.3	40.6	42.1	43.6	45.3
43	1 P frigorifique	(Watt)		536	737	957	1199	1467	1761	2082	2429
	2 P absorbée	(W)		466	551	630	706	783	862	947	1040
	3 I absorbée	(A)		1.29	1.35	1.42	1.49	1.57	1.66	1.76	1.87
	4 Tc	(°C)		46.0	46.9	48.0	49.1	50.4	51.8	53.3	54.9

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