

Condensing unit
Voltage Code : TZ

SILAJ4519Z-TZ

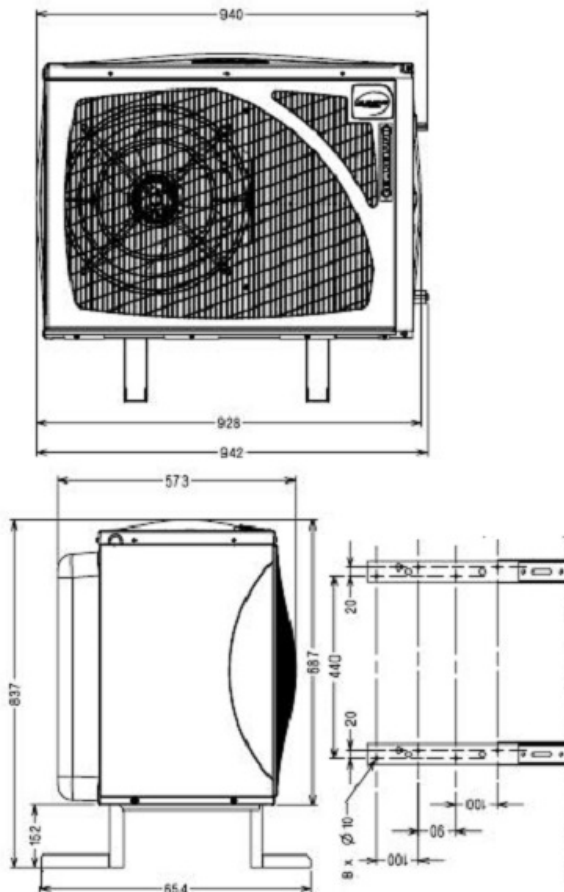
High Temp. Commercial (HP)

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

R452A / R404A / R448A / R449A

SILAJ4519Z-TZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	2701	9210	59 dBA
EN13215 / R404A	50 Hz	2829	9647	59 dBA
EN13215 / R448A	50 Hz	2477	8448	59 dBA
EN13215 / R449A	50 Hz	2479	8452	59 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)	74.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1650 / 1650
Compo Data Sheet	224SU-TZ
Elec Comp Type	TRI
Current (Amp)	
Load Rated Amp	4.3 4.3
Max Cont Current	6.5 6.6
Lock Rotor Amp	22 23
Fan	
Speed (rpm)	546 / 546
Power (W)	56.0
Diameter (mm)	360
Protection	Overload
IP Level	IP44
Condenser	360/14100
Liquid Receiver	
Capacity (L)	2.35
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Tube / Tube
For Tubing Out Diam	15.9 (5/8")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Tube
For Tubing Out Diam	9.5 (3/8")
Liquid Connecton Type	Brased
Heat recovery pipes	
Component/ Type of connexion	NA
For tube Outside diameter :	NA

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SILAJ4519Z-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 R452A											
N°5812											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1570	2006	2489	3018	3595	4217	4890	5621	6426
	2 P absorbée	(W)	1033	1168	1308	1454	1608	1771	1942	2123	2312
	3 I absorbée	(A)	2.87	3.01	3.17	3.36	3.57	3.81	4.08	4.37	4.69
	4 Tc	(°C)	29.7	31.3	33.1	35.2	37.3	39.4	41.6	43.6	45.5
32	1 P frigorifique	(Watt)		1769	2217	2701	3220	3778	4380	5036	5766
	2 P absorbée	(W)		1203	1355	1514	1682	1859	2046	2242	2445
	3 I absorbée	(A)		3.02	3.21	3.43	3.67	3.94	4.24	4.56	4.90
	4 Tc	(°C)		37.3	39.1	41.1	43.2	45.2	47.2	49.1	50.8
43	1 P frigorifique	(Watt)			1774	2185	2617	3076	3570	4116	4739
	2 P absorbée	(W)			1407	1593	1788	1994	2210	2433	2661
	3 I absorbée	(A)			3.30	3.57	3.86	4.18	4.51	4.87	5.24
	4 Tc	(°C)			48.6	50.6	52.5	54.5	56.3	57.9	59.3

50 Hz R404A											
N°5298											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1706	2147	2634	3163	3733	4343	4995	5697	6463
	2 P absorbée	(W)	1089	1226	1368	1515	1668	1828	1996	2170	2350
	3 I absorbée	(A)	3.03	3.16	3.32	3.50	3.70	3.94	4.19	4.47	4.77
	4 Tc	(°C)	32.5	34.1	35.9	37.9	40.0	42.1	44.1	46.1	47.9
32	1 P frigorifique	(Watt)		1899	2349	2829	3339	3881	4458	5081	5769
	2 P absorbée	(W)		1267	1420	1580	1747	1921	2103	2291	2484
	3 I absorbée	(A)		3.18	3.37	3.58	3.81	4.07	4.36	4.66	4.98
	4 Tc	(°C)		40.0	41.8	43.7	45.7	47.7	49.6	51.4	53.0
43	1 P frigorifique	(Watt)			1886	2291	2709	3146	3610	4115	4687
	2 P absorbée	(W)			1486	1670	1863	2064	2273	2487	2704
	3 I absorbée	(A)			3.47	3.73	4.01	4.32	4.64	4.98	5.33
	4 Tc	(°C)			50.9	52.8	54.6	56.5	58.2	59.7	61.0

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

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

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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

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50 Hz R448A (*)

N°6865

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1333	1757	2231	2756	3337	3975	4678	5455	6321
	2 P absorbée	(W)	979	1106	1240	1383	1536	1699	1871	2053	2242
	3 I absorbée	(A)	2.70	2.84	3.00	3.19	3.40	3.65	3.92	4.22	4.54
	4 Tc	(°C)	30.0	31.6	33.5	35.6	37.7	39.9	42.0	44.1	46.0
32	1 P frigorifique	(Watt)		1547	1991	2477	3010	3595	4238	4953	5756
	2 P absorbée	(W)		1141	1288	1445	1613	1792	1981	2180	2386
	3 I absorbée	(A)		2.86	3.05	3.27	3.52	3.80	4.10	4.43	4.77
	4 Tc	(°C)		37.7	39.5	41.6	43.6	45.7	47.7	49.6	51.3
43	1 P frigorifique	(Watt)				2033	2496	2999	3553		
	2 P absorbée	(W)				1524	1722	1933	2155		
	3 I absorbée	(A)				3.42	3.72	4.05	4.40		
	4 Tc	(°C)				51.1	53.0	55.0	56.8		

50 Hz R449A (*)

N°5341

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1334	1758	2232	2758	3339	3978	4681	5458	6325
	2 P absorbée	(W)	979	1106	1240	1383	1536	1699	1871	2053	2242
	3 I absorbée	(A)	2.70	2.84	3.00	3.19	3.40	3.65	3.92	4.22	4.54
	4 Tc	(°C)	30.0	31.6	33.5	35.6	37.7	39.9	42.0	44.1	45.9
32	1 P frigorifique	(Watt)		1547	1992	2479	3012	3597	4241	4956	5759
	2 P absorbée	(W)		1141	1288	1445	1613	1792	1981	2180	2386
	3 I absorbée	(A)		2.86	3.05	3.27	3.52	3.80	4.10	4.43	4.77
	4 Tc	(°C)		37.7	39.5	41.5	43.6	45.7	47.7	49.6	51.2
43	1 P frigorifique	(Watt)				2034	2497	3000	3554		
	2 P absorbée	(W)				1524	1722	1933	2155		
	3 I absorbée	(A)				3.42	3.72	4.05	4.40		
	4 Tc	(°C)				51.0	53.0	54.9	56.7		

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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