

Condensing unit
Voltage Code : FZ

SILAJ9480Z-FZ

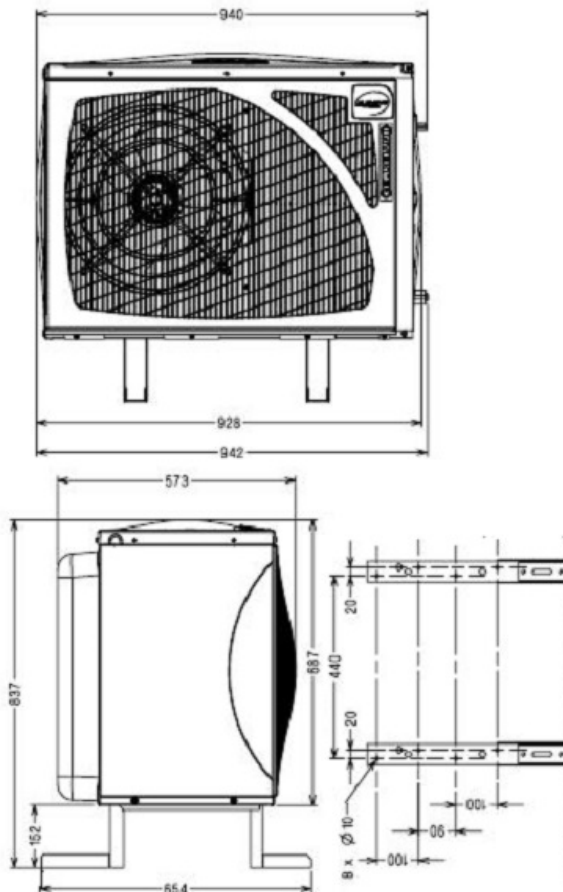
High Temp. Commercial (MHP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILAJ9480Z-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1331	4537	59 dBA
EN13215 / R404A	50 Hz	1396	4759	59 dBA
EN13215 / R448A	50 Hz	1213	4137	59 dBA
EN13215 / R449A	50 Hz	1214	4139	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)	70.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1650
Compo Data Sheet	224CT-FZ
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	4.6
Max Cont Current	7
Lock Rotor Amp	23
Fan	
Speed (rpm)	830
Power (W)	56.0
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	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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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 R452A											
N°6342											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	767	972	1212	1488	1799	2147	2530	2946	3394
	2 P absorbée	(W)	521	570	619	668	717	766	816	867	920
	3 I absorbée	(A)	2.54	2.75	2.95	3.15	3.36	3.58	3.80	4.04	4.30
	4 Tc	(°C)	24.5	25.7	27.1	28.5	30.0	31.7	33.5	35.4	37.5
32	1 P frigorifique	(Watt)	664	857	1079	1331	1614	1928	2273	2649	3053
	2 P absorbée	(W)	528	585	642	698	755	812	870	929	990
	3 I absorbée	(A)	2.52	2.78	3.03	3.28	3.54	3.79	4.06	4.33	4.62
	4 Tc	(°C)	31.3	32.4	33.5	34.8	36.2	37.8	39.4	41.2	43.1
43	1 P frigorifique	(Watt)	498	673	867	1082	1320	1583	1870	2183	2521
	2 P absorbée	(W)	527	597	667	737	807	878	949	1022	1097
	3 I absorbée	(A)	2.45	2.79	3.12	3.45	3.77	4.10	4.42	4.76	5.10
	4 Tc	(°C)	42.1	42.9	43.9	44.9	46.1	47.4	48.8	50.3	52.0

50 Hz R404A											
N°924B-F											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	830	1039	1283	1561	1874	2220	2598	3005	3439
	2 P absorbée	(W)	556	602	648	695	741	788	834	881	928
	3 I absorbée	(A)	2.68	2.88	3.08	3.28	3.49	3.69	3.90	4.11	4.32
	4 Tc	(°C)	27.5	28.7	30.0	31.4	32.9	34.6	36.3	38.2	40.2
32	1 P frigorifique	(Watt)	722	918	1142	1396	1678	1988	2327	2691	3080
	2 P absorbée	(W)	558	613	669	724	780	835	891	947	1002
	3 I absorbée	(A)	2.65	2.90	3.14	3.39	3.64	3.89	4.14	4.39	4.65
	4 Tc	(°C)	34.2	35.2	36.3	37.6	39.0	40.5	42.1	43.8	45.6
43	1 P frigorifique	(Watt)	547	725	920	1134	1369	1626	1904	2202	2522
	2 P absorbée	(W)	562	631	701	770	840	910	980	1050	1120
	3 I absorbée	(A)	2.61	2.92	3.24	3.55	3.87	4.19	4.51	4.84	5.16
	4 Tc	(°C)	44.7	45.5	46.4	47.4	48.5	49.7	51.1	52.6	54.1

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 R448A (*)											
											N°6998
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		852	1084	1352	1659	2004	2389	2815	3281
	2 P absorbée	(W)		539	587	635	684	734	785	836	889
	3 I absorbée	(A)		2.59	2.79	3.00	3.21	3.43	3.66	3.90	4.15
	4 Tc	(°C)		26.0	27.3	28.8	30.4	32.1	33.9	35.8	37.9
32	1 P frigorifique	(Watt)		751	966	1213	1494	1810	2163	2554	2982
	2 P absorbée	(W)		554	609	665	722	780	839	899	961
	3 I absorbée	(A)		2.63	2.87	3.13	3.38	3.64	3.91	4.19	4.48
	4 Tc	(°C)		32.7	33.9	35.2	36.6	38.2	39.8	41.6	43.5
43	1 P frigorifique	(Watt)			780	996	1238	1510	1813	2150	2521
	2 P absorbée	(W)			635	705	775	847	921	996	1074
	3 I absorbée	(A)			2.97	3.29	3.62	3.95	4.29	4.63	4.99
	4 Tc	(°C)			44.3	45.4	46.6	47.9	49.3	50.8	52.5

50 Hz R449A (*)											
											N°6276
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		853	1085	1353	1659	2005	2391	2817	3283
	2 P absorbée	(W)		539	587	635	684	734	785	836	889
	3 I absorbée	(A)		2.59	2.79	3.00	3.21	3.43	3.66	3.90	4.15
	4 Tc	(°C)		26.0	27.4	28.8	30.4	32.1	33.9	35.8	37.9
32	1 P frigorifique	(Watt)		751	967	1214	1495	1811	2164	2555	2984
	2 P absorbée	(W)		554	609	665	722	780	839	899	961
	3 I absorbée	(A)		2.63	2.87	3.13	3.38	3.64	3.91	4.19	4.48
	4 Tc	(°C)		32.7	33.9	35.2	36.6	38.2	39.8	41.6	43.5
43	1 P frigorifique	(Watt)			781	996	1239	1511	1814	2151	2523
	2 P absorbée	(W)			635	705	775	847	921	996	1074
	3 I absorbée	(A)			2.97	3.29	3.62	3.95	4.29	4.63	4.99
	4 Tc	(°C)			44.3	45.4	46.6	47.8	49.3	50.8	52.4

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.

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