



Condensing unit
Voltage Code : FZ

WINAJ9510Z-FZ

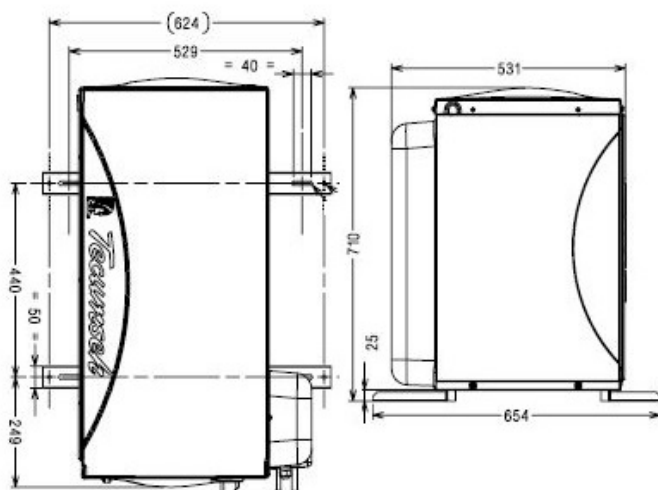
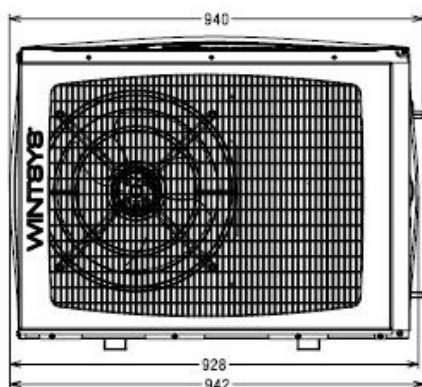
High Temp. Commercial (MHP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

WINAJ9510Z-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1632	5564	61 dBA
EN13215 / R404A	50 Hz	1710	5832	61 dBA
EN13215 / R448A	50 Hz	1490	5081	61 dBA
EN13215 / R449A	50 Hz	1491	5083	61 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)	63.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	1650
Compo Data Sheet	224ET-FZ
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	5.7
Max Cont Current	8.9
Lock Rotor Amp	30
Fan	
Speed (rpm)	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	15.9 (5/8")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Tube
For Tubing Out Diam	9.5 (3/8")
Liquid Connection Type	Brased
Connection Type	TT
Fan Guard	maille < à 8mm

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

WINAJ9510Z-FZ	Tension FZ : 220 - 240V 1~ 50 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°6449
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	957	1204	1493	1823	2194	2606	3056	3543	4064
	2 P absorbée	(W)	612	674	738	804	871	942	1015	1092	1174
	3 I absorbée	(A)	2.99	3.24	3.51	3.79	4.10	4.43	4.79	5.17	5.59
	4 Tc	(°C)	24.4	25.9	27.6	29.3	31.1	33.0	35.1	37.2	39.4
32	1 P frigorifique	(Watt)	832	1064	1331	1632	1968	2339	2745	3184	3654
	2 P absorbée	(W)	625	695	767	842	918	997	1079	1165	1256
	3 I absorbée	(A)	2.99	3.29	3.61	3.95	4.30	4.67	5.06	5.49	5.94
	4 Tc	(°C)	31.5	32.8	34.2	35.8	37.4	39.2	41.0	43.0	45.0
43	1 P frigorifique	(Watt)		837	1069	1324	1606	1914	2251	2615	3008
	2 P absorbée	(W)		714	801	890	982	1076	1173	1274	1379
	3 I absorbée	(A)		3.34	3.74	4.15	4.58	5.02	5.48	5.96	6.47
	4 Tc	(°C)		43.7	44.9	46.1	47.5	48.9	50.5	52.2	54.0

50 Hz R404A											
											N°6365
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1035	1287	1579	1912	2284	2692	3134	3608	4110
	2 P absorbée	(W)	642	705	769	834	901	970	1041	1115	1192
	3 I absorbée	(A)	3.15	3.40	3.66	3.94	4.24	4.57	4.91	5.28	5.69
	4 Tc	(°C)	27.4	28.9	30.5	32.2	33.9	35.8	37.8	39.9	42.1
32	1 P frigorifique	(Watt)	903	1139	1408	1710	2045	2411	2806	3230	3679
	2 P absorbée	(W)	658	730	802	876	951	1028	1107	1189	1275
	3 I absorbée	(A)	3.15	3.46	3.78	4.11	4.45	4.82	5.20	5.61	6.04
	4 Tc	(°C)	34.3	35.6	37.0	38.5	40.1	41.8	43.6	45.5	47.5
43	1 P frigorifique	(Watt)	688	901	1133	1387	1664	1964	2287	2633	3001
	2 P absorbée	(W)	670	755	842	930	1020	1111	1205	1301	1400
	3 I absorbée	(A)	3.13	3.53	3.93	4.34	4.76	5.19	5.63	6.09	6.57
	4 Tc	(°C)	45.2	46.2	47.3	48.5	49.8	51.2	52.7	54.3	56.0

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

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WINAJ9510Z-FZ	Tension FZ : 220 - 240V 1~ 50 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 R448A (*)											
											N°7023
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		1057	1337	1659	2026	2437	2894	3396	3944
	2 P absorbée	(W)		637	699	764	832	902	976	1054	1135
	3 I absorbée	(A)		3.05	3.32	3.60	3.91	4.24	4.60	4.98	5.40
	4 Tc	(°C)		26.2	27.8	29.6	31.4	33.4	35.5	37.6	39.9
32	1 P frigorifique	(Watt)		933	1193	1490	1826	2202	2621	3082	3586
	2 P absorbée	(W)		659	729	802	878	957	1041	1128	1219
	3 I absorbée	(A)		3.11	3.42	3.75	4.11	4.48	4.88	5.31	5.76
	4 Tc	(°C)		33.2	34.6	36.2	37.8	39.6	41.5	43.4	45.5
43	1 P frigorifique	(Watt)			964	1222	1511	1834	2194	2591	3029
	2 P absorbée	(W)			763	851	943	1039	1139	1242	1351
	3 I absorbée	(A)			3.56	3.97	4.40	4.85	5.32	5.81	6.33
	4 Tc	(°C)			45.4	46.6	48.0	49.4	51.0	52.7	54.4

50 Hz R449A (*)											
											N°6421
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		1058	1338	1660	2027	2438	2895	3398	3946
	2 P absorbée	(W)		637	699	764	832	902	976	1054	1135
	3 I absorbée	(A)		3.05	3.32	3.60	3.91	4.24	4.60	4.98	5.40
	4 Tc	(°C)		26.2	27.9	29.6	31.5	33.4	35.5	37.6	39.9
32	1 P frigorifique	(Watt)		933	1194	1491	1827	2203	2622	3083	3588
	2 P absorbée	(W)		659	729	802	878	957	1041	1128	1219
	3 I absorbée	(A)		3.11	3.42	3.75	4.11	4.48	4.88	5.31	5.76
	4 Tc	(°C)		33.2	34.6	36.2	37.8	39.6	41.5	43.4	45.5
43	1 P frigorifique	(Watt)			964	1223	1512	1835	2195	2593	3031
	2 P absorbée	(W)			763	851	943	1039	1139	1242	1351
	3 I absorbée	(A)			3.56	3.97	4.40	4.85	5.32	5.81	6.33
	4 Tc	(°C)			45.3	46.6	47.9	49.4	51.0	52.6	54.4

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 refoulement 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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