



tecumseh

WINAJ9510Z-FZ

220 - 240V 1~ 50 Hz

Condensing unit

HWN9510Z-FZ0F6HA

M-HBP

R-404A / R-448A / R-449A / R-452A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	1829	6237
R-404A	50HZ	1902	6485
R-448A	50HZ	1691	5767
R-449A	50HZ	1692	5769

(*) Operating conditions ARI_90F : Dew / T°Ambient 90°F / T°Evap 20°F / T°Return gas temp. 65°F / T°Subcooling 5°F



*Non-contractual picture

General

Condensing Unit Type	OUTDOOR
Family Condensing Unit	Wintsys
Design Ambient Temp °C (°F)	+43°C / +110°F
Evaporating Temp. Range	-25°C to 15°C (-13°F to 59°F)

Mechanical

Fan Diameter	360 mm
Fan Qty	1
Fan Technology	AC/PSC Technology
Condenser Technology	Fin and Tube
Condensing Unit IP	IPX4

Electrical

Current RLA 50Hz (A)	5.7
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Dimensions

Weight	65.3 kg (144 lb)
Length	940 mm (37 in)
Width	655 mm (25.8 in)
Height	710 mm (28 in)
Ø Suction Tube	5/8 in (15.9mm)
Ø Discharge Tube	3/8 in (9.52mm)

Certificates



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



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Performances are given at rating conditions ARI_90F
Conditions DEW

Return gas temp. : 65 °F
Subcooling : 5 °F

50HZ R-452A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	4481	5615	6894	8316	9876	11566
	Power Input	(W)	768	851	937	1026	1119	1217
	Amps	(A)	3.62	3.99	4.38	4.81	5.26	5.75
	Condensing	(°F)	101	104	107	110	114	118
100	Refrig. Capacity	(Btu/h)	4034	5080	6251	7548	8969	10510
	Power Input	(W)	787	878	972	1069	1171	1277
	Amps	(A)	3.68	4.1	4.54	5	5.48	6
	Condensing	(°F)	110	113	116	119	122	126
115	Refrig. Capacity	(Btu/h)	3350	4263	5272	6383	7598	8919
	Power Input	(W)	808	912	1019	1130	1244	1363
	Amps	(A)	3.77	4.25	4.75	5.27	5.81	6.37
	Condensing	(°F)	124	126	129	131	134	137

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	4736	5869	7135	8527	10035	11649
	Power Input	(W)	803	885	969	1056	1146	1239
	Amps	(A)	3.78	4.15	4.54	4.95	5.39	5.85
	Condensing	(°F)	99.7	103	106	109	113	117
100	Refrig. Capacity	(Btu/h)	4265	5305	6457	7719	9083	10542
	Power Input	(W)	825	915	1007	1102	1199	1300
	Amps	(A)	3.86	4.28	4.7	5.15	5.62	6.12
	Condensing	(°F)	109	112	115	118	121	125
115	Refrig. Capacity	(Btu/h)	3548	4451	5435	6502	7654	8886
	Power Input	(W)	851	954	1059	1166	1276	1389
	Amps	(A)	3.97	4.45	4.94	5.44	5.96	6.5
	Condensing	(°F)	123	125	128	130	133	136



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220 - 240V 1~ 50 Hz

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Conditions DEW

Return gas temp. : 65 °F
Subcooling : 5 °F

50HZ R-448A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	4026	5147	6429	7882	9508	11309
	Power Input	(W)	729	811	897	987	1081	1181
	Amps	(A)	3.43	3.8	4.19	4.62	5.08	5.57
	Condensing	(°F)	103	106	109	113	117	120
100	Refrig. Capacity	(Btu/h)	3632	4677	5867	7213	8721	10397
	Power Input	(W)	749	838	933	1031	1135	1243
	Amps	(A)	3.5	3.92	4.35	4.82	5.31	5.84
	Condensing	(°F)	113	115	118	121	125	128
115	Refrig. Capacity	(Btu/h)	3040	3975	5029	6217	7552	9040
	Power Input	(W)	770	874	982	1095	1213	1336
	Amps	(A)	3.59	4.07	4.58	5.11	5.66	6.24
	Condensing	(°F)	127	129	131	134	137	140

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	4027	5148	6431	7884	9511	11314
	Power Input	(W)	729	811	897	987	1081	1181
	Amps	(A)	3.43	3.8	4.19	4.62	5.08	5.57
	Condensing	(°F)	103	106	109	113	117	120
100	Refrig. Capacity	(Btu/h)	3633	4678	5869	7216	8725	10402
	Power Input	(W)	749	838	933	1031	1135	1243
	Amps	(A)	3.5	3.92	4.35	4.82	5.31	5.84
	Condensing	(°F)	113	115	118	121	125	128
115	Refrig. Capacity	(Btu/h)	3041	3976	5031	6220	7556	9046
	Power Input	(W)	770	874	982	1095	1213	1336
	Amps	(A)	3.59	4.07	4.58	5.11	5.66	6.24
	Condensing	(°F)	127	129	131	134	137	140

* Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.