



tecumseh

WINAJ4519Z-FZ

220 - 240V 1~ 50 Hz

Condensing unit

HWN4519Z-FZ0F6HA

HBP

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

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	3041	10370
R-404A	50HZ	3159	10771
R-448A	50HZ	2829	9646
R-449A	50HZ	2830	9649

(*) 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	-15°C to 15°C (5°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)	10.7
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Dimensions

Weight	66.3 kg (146 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)	7500	9377	11402	13594	15992	18671
	Power Input	(W)	1433	1603	1786	1983	2192	2414
	Amps	(A)	6.45	7.22	8.08	9.01	10	11.1
	Condensing	(°F)	109	113	117	121	125	128
100	Refrig. Capacity	(Btu/h)	6724	8444	10276	12247	14405	16837
	Power Input	(W)	1459	1643	1840	2051	2274	2508
	Amps	(A)	6.53	7.38	8.3	9.29	10.4	11.5
	Condensing	(°F)	118	121	125	129	133	136
115	Refrig. Capacity	(Btu/h)	5548	7026	8565	10202	12002	14073
	Power Input	(W)	1479	1688	1910	2145	2392	2648
	Amps	(A)	6.63	7.58	8.6	9.69	10.8	12
	Condensing	(°F)	130	134	137	141	144	147

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	7934	9796	11777	13892	16176	18700
	Power Input	(W)	1504	1673	1854	2046	2249	2461
	Amps	(A)	6.77	7.54	8.39	9.3	10.3	11.3
	Condensing	(°F)	108	112	116	120	124	127
100	Refrig. Capacity	(Btu/h)	7120	8819	10601	12488	14525	16797
	Power Input	(W)	1536	1719	1912	2117	2333	2556
	Amps	(A)	6.88	7.72	8.63	9.6	10.6	11.7
	Condensing	(°F)	116	120	124	128	132	135
115	Refrig. Capacity	(Btu/h)	5894	7345	8828	10375	12049	13956
	Power Input	(W)	1566	1773	1991	2219	2456	2699
	Amps	(A)	7.02	7.96	8.96	10	11.1	12.3
	Condensing	(°F)	129	132	136	140	143	145



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WINAJ4519Z-FZ

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)	6740	8629	10715	13028	15618	18558
	Power Input	(W)	1361	1529	1713	1912	2126	2351
	Amps	(A)	6.11	6.88	7.74	8.68	9.7	10.8
	Condensing	(°F)	112	116	120	124	128	131
100	Refrig. Capacity	(Btu/h)	6063	7820	9744	11872	14259	16991
	Power Input	(W)	1386	1570	1769	1984	2213	2454
	Amps	(A)	6.21	7.05	7.97	8.98	10.1	11.2
	Condensing	(°F)	120	124	128	132	135	138
115	Refrig. Capacity	(Btu/h)	5059	6617	8298	10147	12232	14650
	Power Input	(W)	1403	1614	1842	2085	2341	2607
	Amps	(A)	6.31	7.26	8.29	9.41	10.6	11.8
	Condensing	(°F)	132	136	140	143	146	149

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	6742	8632	10719	13034	15625	18569
	Power Input	(W)	1361	1529	1713	1912	2126	2351
	Amps	(A)	6.11	6.88	7.74	8.68	9.7	10.8
	Condensing	(°F)	112	116	120	124	128	131
100	Refrig. Capacity	(Btu/h)	6065	7822	9748	11877	14267	17002
	Power Input	(W)	1386	1570	1769	1984	2213	2454
	Amps	(A)	6.21	7.05	7.97	8.98	10.1	11.2
	Condensing	(°F)	120	124	128	132	135	138
115	Refrig. Capacity	(Btu/h)	5062	6620	8302	10154	12241	14663
	Power Input	(W)	1403	1614	1842	2085	2341	2607
	Amps	(A)	6.31	7.26	8.29	9.41	10.6	11.8
	Condensing	(°F)	132	136	140	143	146	149

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