



tecumseh

WINAJ4519Z-TZ

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

Condensing unit

HWN4519Z-TZ0F6HA

HBP

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

Voltage Code : TZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	3002	10238
R-404A	50HZ	3116	10627
R-448A	50HZ	2795	9532
R-449A	50HZ	2796	9536

(*) 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)	4.5
Current RLA 60Hz (A)	4.7

Dimensions

Weight	65.8 kg (145 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)	7464	9277	11236	13354	15662	18218
	Power Input	(W)	1356	1534	1723	1924	2136	2358
	Amps	(A)	3.21	3.46	3.74	4.04	4.38	4.75
	Condensing	(°F)	109	113	117	121	125	128
100	Refrig. Capacity	(Btu/h)	6710	8382	10167	12084	14173	16504
	Power Input	(W)	1386	1578	1782	1998	2225	2461
	Amps	(A)	3.26	3.53	3.83	4.17	4.53	4.91
	Condensing	(°F)	117	121	125	129	132	135
115	Refrig. Capacity	(Btu/h)	5540	7003	8530	10152	11922	13931
	Power Input	(W)	1415	1632	1861	2103	2357	2618
	Amps	(A)	3.33	3.64	3.99	4.36	4.76	5.17
	Condensing	(°F)	130	134	137	141	144	146

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	7892	9685	11599	13639	15832	18235
	Power Input	(W)	1422	1600	1787	1984	2189	2402
	Amps	(A)	3.37	3.61	3.87	4.17	4.5	4.84
	Condensing	(°F)	108	112	116	120	124	127
100	Refrig. Capacity	(Btu/h)	7103	8749	10480	12311	14278	16449
	Power Input	(W)	1458	1650	1851	2061	2281	2507
	Amps	(A)	3.42	3.68	3.98	4.3	4.64	5.01
	Condensing	(°F)	116	120	124	128	131	134
115	Refrig. Capacity	(Btu/h)	5889	7318	8783	10311	11952	13797
	Power Input	(W)	1498	1713	1938	2174	2418	2667
	Amps	(A)	3.51	3.81	4.15	4.5	4.88	5.27
	Condensing	(°F)	129	132	136	140	143	145



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400V 3~ 50Hz / 440V 3~ 60 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)	6713	8545	10570	12812	15309	18126
	Power Input	(W)	1289	1465	1654	1857	2073	2298
	Amps	(A)	3.05	3.3	3.58	3.9	4.25	4.62
	Condensing	(°F)	112	116	120	123	127	131
100	Refrig. Capacity	(Btu/h)	6052	7770	9653	11731	14049	16679
	Power Input	(W)	1319	1510	1715	1935	2168	2411
	Amps	(A)	3.1	3.38	3.69	4.03	4.41	4.81
	Condensing	(°F)	120	124	128	131	135	138
115	Refrig. Capacity	(Btu/h)	5044	6599	8278	10118	12175	14531
	Power Input	(W)	1345	1563	1797	2046	2309	2581
	Amps	(A)	3.18	3.5	3.86	4.24	4.66	5.09
	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)	6715	8548	10574	12817	15317	18136
	Power Input	(W)	1289	1465	1654	1857	2073	2298
	Amps	(A)	3.05	3.3	3.58	3.9	4.25	4.62
	Condensing	(°F)	112	116	120	123	127	131
100	Refrig. Capacity	(Btu/h)	6054	7773	9657	11736	14057	16690
	Power Input	(W)	1319	1510	1715	1935	2168	2411
	Amps	(A)	3.1	3.38	3.69	4.03	4.41	4.81
	Condensing	(°F)	120	124	128	131	135	138
115	Refrig. Capacity	(Btu/h)	5047	6602	8282	10124	12184	14544
	Power Input	(W)	1345	1563	1797	2046	2309	2581
	Amps	(A)	3.18	3.5	3.86	4.24	4.66	5.09
	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.