

Condensing unit

HWN4511Y-TZ0F6HA

HBP

R-134a / R-513A

Voltage Code : TZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-134a	50HZ / 60HZ	1883 / 2159	6421 / 7364
R-513A	50HZ	2009	6852

(*) 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)	2.8
Current RLA 60Hz (A)	3

Dimensions

Weight	64.2 kg (141 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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WINAJ4511Y-TZ

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

Performances are given at rating conditions ARI_90F
Conditions DEW

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

50HZ R-134a

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	4383	5700	7184	8833	10637	12581
	Power Input	(W)	781	887	996	1114	1245	1392
	Amps	(A)	2.2	2.31	2.43	2.57	2.73	2.91
	Condensing	(°F)	101	105	109	113	118	123
100	Refrig. Capacity	(Btu/h)	4015	5265	6660	8199	9873	11669
	Power Input	(W)	797	914	1032	1158	1295	1447
	Amps	(A)	2.21	2.33	2.47	2.62	2.79	2.98
	Condensing	(°F)	110	114	117	121	126	131
115	Refrig. Capacity	(Btu/h)	3444	4598	5864	7242	8725	10303
	Power Input	(W)	807	944	1080	1220	1369	1531
	Amps	(A)	2.21	2.36	2.51	2.68	2.87	3.08
	Condensing	(°F)	123	127	130	134	139	144

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60HZ R-134a

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	5030	6548	8219	10046	12024	14132
	Power Input	(W)	906	1048	1201	1366	1547	1746
	Amps	(A)	2.08	2.23	2.39	2.58	2.79	3.03
	Condensing	(°F)	103	106	110	114	119	124
100	Refrig. Capacity	(Btu/h)	4567	6035	7632	9366	11231	13212
	Power Input	(W)	918	1069	1231	1405	1594	1801
	Amps	(A)	2.08	2.25	2.43	2.63	2.85	3.1
	Condensing	(°F)	111	114	118	122	127	132
115	Refrig. Capacity	(Btu/h)	3847	5241	6729	8322	10022	11818
	Power Input	(W)	928	1093	1268	1455	1657	1876
	Amps	(A)	2.08	2.27	2.47	2.69	2.93	3.19
	Condensing	(°F)	124	127	131	134	139	143

Performances are given at rating conditions ARI_90F
Conditions DEW

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

50HZ R-513A

Ambient	Evaporating	(°F)	-15	-5	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	2533	3615	4816	6142	7592	9158	10826	12573
	Power Input	(W)	571	669	768	872	984	1109	1251	1414
	Amps	(A)	1.59	1.69	1.8	1.92	2.06	2.23	2.41	2.63
	Condensing	(°F)	95.7	98.3	101	105	109	113	118	123
100	Refrig. Capacity	(Btu/h)	2169	3218	4360	5603	6948	8387	9907	11488
	Power Input	(W)	560	670	780	894	1016	1151	1303	1475
	Amps	(A)	1.56	1.68	1.8	1.95	2.1	2.28	2.48	2.7
	Condensing	(°F)	105	107	110	113	117	121	126	131
115	Refrig. Capacity	(Btu/h)		2630	3682	4800	5986	7234	8534	9866
	Power Input	(W)		659	788	920	1060	1212	1380	1569
	Amps	(A)		1.66	1.81	1.98	2.16	2.36	2.57	2.82
	Condensing	(°F)		120	123	126	130	134	138	143

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