



tecumseh

WINFH2511Z-XG

380-420V 3~ 50Hz

Condensing unit

HWN2511Z-XG0F6HA

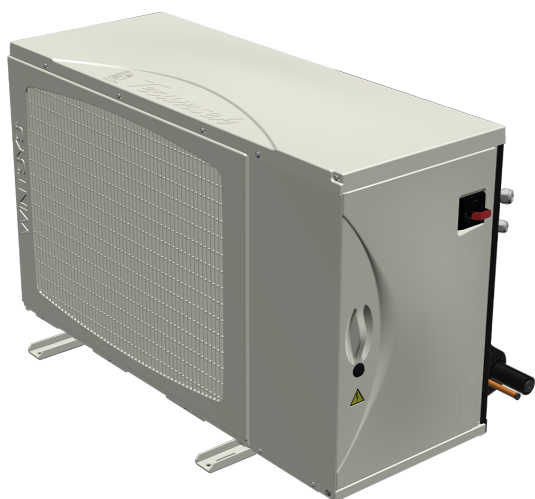
LBP

R-452A / R-404A

Voltage Code : GB

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	3305	11269
R-448A	50HZ	3291	11224
R-449A	50HZ	3256	11105

(*) Operating conditions ARI_90F : Mid / T°Ambient 90°F / T°Evap -10°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	-40°C to -25.6°C (-40°F to -14°F)

Mechanical

Fan Diameter	450 mm
Fan Qty	1
Fan Technology	AC/PSC Technology
Condenser Technology	Fin and Tube
Condensing Unit IP	IPX4

Electrical

Current RLA 50Hz (A)	4.7
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Dimensions

Weight	79.9 kg (176 lb)
Length	1155 mm (45.5 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 MID

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

50HZ R-452A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	3705	5799	8319	11269	14639	18403
	Power Input	(W)	1137	1460	1809	2186	2596	3044
	Amps	(A)	3.67	3.91	4.19	4.52	4.9	5.34
	Condensing	(°F)	101	105	108	112	117	121
100	Refrig. Capacity	(Btu/h)	2881	4839	7184	9928	13066	16584
	Power Input	(W)	1067	1411	1783	2187	2624	3099
	Amps	(A)	3.58	3.85	4.16	4.52	4.93	5.39
	Condensing	(°F)	110	113	117	121	125	129
115	Refrig. Capacity	(Btu/h)	1692	3435	5511	7941	10734	13889
	Power Input	(W)	925	1302	1713	2157	2636	3155
	Amps	(A)	3.38	3.71	4.07	4.47	4.92	5.42
	Condensing	(°F)	124	127	129	133	136	140

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50HZ R-448A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	3433	5548	8134	11224	14846	19025
	Power Input	(W)	1044	1355	1689	2050	2440	2864
	Amps	(A)	3.42	3.67	3.95	4.28	4.66	5.08
	Condensing	(°F)	101	104	107	110	114	119
100	Refrig. Capacity	(Btu/h)	2641	4629	7055	9956	13364	17307
	Power Input	(W)	971	1304	1663	2051	2471	2926
	Amps	(A)	3.31	3.6	3.92	4.28	4.68	5.14
	Condensing	(°F)	111	113	116	119	123	127
115	Refrig. Capacity	(Btu/h)		3280	5462	8077	11163	14754
	Power Input	(W)		1192	1591	2022	2487	2990
	Amps	(A)		3.45	3.82	4.23	4.68	5.18
	Condensing	(°F)		127	129	132	135	139

* 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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Conditions MID

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

50HZ R-449A*

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	3375	5473	8038	11105	14699	18845
	Power Input (W)	1044	1354	1689	2050	2441	2867
	Amps (A)	3.42	3.67	3.95	4.28	4.66	5.09
	Condensing (°F)	102	104	107	111	115	119
100	Refrig. Capacity (Btu/h)	2588	4560	6967	9846	13228	17140
	Power Input (W)	971	1303	1663	2051	2472	2928
	Amps (A)	3.31	3.6	3.92	4.28	4.68	5.14
	Condensing (°F)	111	113	116	119	123	127
115	Refrig. Capacity (Btu/h)	1441	3220	5385	7980	11042	14604
	Power Input (W)	823	1191	1590	2021	2487	2992
	Amps (A)	3.09	3.44	3.82	4.23	4.68	5.18
	Condensing (°F)	125	127	129	132	135	139

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