



tecumseh

WINAJ2440Z-FZ

220 - 240V 1~ 50 Hz

Condensing unit

HWN2440Z-FZ0F6HA

LBP

R-452A / R-404A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	948	3234
R-404A	50HZ	1000	3410
R-448A	50HZ	828	2823
R-449A	50HZ	828	2824

(*) Operating conditions ARI_90F : Dew / 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	360 mm
Fan Qty	1
Fan Technology	AC/PSC Technology
Condenser Technology	Fin and Tube
Condensing Unit IP	IPX4

Electrical

Current RLA 50Hz (A)	3.3
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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	1/2 in (12.7mm)
Ø Discharge Tube	1/4 in (6.35mm)

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)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	1109	1693	2399	3234	4205	5323
	Power Input	(W)	439	518	602	692	794	910
	Amps	(A)	1.99	2.34	2.71	3.12	3.58	4.09
	Condensing	(°F)	99.6	99.7	101	103	105	108
100	Refrig. Capacity	(Btu/h)	927	1467	2117	2887	3784	4815
	Power Input	(W)	423	511	602	700	810	934
	Amps	(A)	1.93	2.32	2.73	3.17	3.66	4.19
	Condensing	(°F)	109	109	110	112	114	117
115	Refrig. Capacity	(Btu/h)	679	1148	1714	2385	3169	4073
	Power Input	(W)	394	493	596	706	828	964
	Amps	(A)	1.81	2.26	2.72	3.21	3.74	4.31
	Condensing	(°F)	123	123	124	125	127	130

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50HZ R-404A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	1303	1883	2584	3410	4365	5451
	Power Input	(W)	484	566	653	748	853	970
	Amps	(A)	2.2	2.56	2.95	3.38	3.85	4.37
	Condensing	(°F)	95.4	97.8	100	103	106	109
100	Refrig. Capacity	(Btu/h)	1113	1645	2284	3037	3906	4894
	Power Input	(W)	474	561	655	757	870	997
	Amps	(A)	2.17	2.55	2.98	3.44	3.94	4.48
	Condensing	(°F)	105	107	109	112	115	118
115	Refrig. Capacity	(Btu/h)	846	1307	1856	2500	3242	4086
	Power Input	(W)	452	548	652	765	891	1032
	Amps	(A)	2.08	2.51	2.98	3.49	4.03	4.62
	Condensing	(°F)	118	121	123	126	129	132



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Conditions DEW

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

50HZ R-448A*

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	885	1393	2035	2823	3769	4884
	Power Input (W)	420	499	582	673	774	887
	Amps (A)	1.91	2.26	2.64	3.05	3.5	3.99
	Condensing (°F)	99	101	104	107	110	113
100	Refrig. Capacity (Btu/h)	745	1211	1801	2528	3405	4444
	Power Input (W)	409	494	584	682	790	911
	Amps (A)	1.87	2.25	2.66	3.1	3.58	4.09
	Condensing (°F)	108	111	113	116	119	122
115	Refrig. Capacity (Btu/h)		962	1480	2123	2904	3834
	Power Input (W)		480	580	690	810	944
	Amps (A)		2.2	2.66	3.15	3.67	4.22
	Condensing (°F)		124	127	129	132	135

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50HZ R-449A*

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	885	1394	2036	2824	3770	4886
	Power Input (W)	420	499	582	673	774	887
	Amps (A)	1.91	2.26	2.64	3.05	3.5	3.99
	Condensing (°F)	99	101	104	107	110	113
100	Refrig. Capacity (Btu/h)	745	1211	1801	2529	3406	4445
	Power Input (W)	409	494	584	682	790	911
	Amps (A)	1.87	2.25	2.66	3.1	3.58	4.09
	Condensing (°F)	108	111	113	116	119	122
115	Refrig. Capacity (Btu/h)		962	1481	2124	2905	3836
	Power Input (W)		480	580	690	810	944
	Amps (A)		2.2	2.66	3.15	3.67	4.22
	Condensing (°F)		124	127	129	132	135

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