



tecumseh

WINFH2480Z-XG

380-420V 3~ 50Hz

Condensing unit

HWN2480Z-XG0F6HA

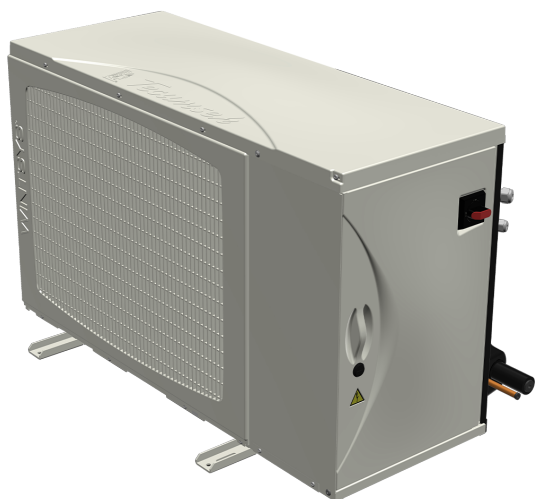
LBP

R-452A / R-404A

Voltage Code : GB

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	2279	7770
R-404A	50HZ	2583	8807
R-448A	50HZ	2158	7360
R-449A	50HZ	2154	7345

(*) 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

Dimensions

Weight	75.9 kg (167 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



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)	3.4
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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)	2503	3969	5722	7770	10116	12765
	Power Input (W)	787	1009	1247	1504	1784	2089
	Amps (A)	2.24	2.4	2.6	2.82	3.08	3.38
	Condensing (°F)	99.8	103	107	111	116	121
100	Refrig. Capacity (Btu/h)	2013	3387	5021	6922	9098	11559
	Power Input (W)	747	981	1233	1507	1805	2129
	Amps (A)	2.19	2.37	2.58	2.82	3.1	3.41
	Condensing (°F)	108	111	115	119	123	128
115	Refrig. Capacity (Btu/h)	1301	2533	3983	5664	7586	9772
	Power Input (W)	668	920	1194	1492	1817	2171
	Amps (A)	2.08	2.29	2.53	2.8	3.1	3.44
	Condensing (°F)	120	123	126	130	135	139

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50HZ R-404A

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	3223	4789	6651	8807	11251	13986
	Power Input (W)	886	1111	1351	1607	1883	2179
	Amps (A)	2.48	2.62	2.8	3.01	3.26	3.54
	Condensing (°F)	95	98.1	102	106	111	116
100	Refrig. Capacity (Btu/h)	2694	4161	5891	7884	10139	12662
	Power Input (W)	856	1095	1350	1624	1919	2237
	Amps (A)	2.46	2.61	2.8	3.03	3.29	3.6
	Condensing (°F)	103	106	110	114	119	123
115	Refrig. Capacity (Btu/h)	1921	3233	4761	6507	8477	10688
	Power Input (W)	793	1051	1330	1631	1955	2306
	Amps (A)	2.39	2.58	2.79	3.04	3.33	3.66
	Condensing (°F)	116	119	122	126	131	135



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Performances are given at rating conditions ARI_90F
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)	2100	3515	5259	7360	9837	12708
	Power Input	(W)	723	936	1164	1410	1675	1963
	Amps	(A)	2.07	2.24	2.43	2.65	2.91	3.2
	Condensing	(°F)	99.9	102	105	109	113	118
100	Refrig. Capacity	(Btu/h)	1656	2992	4634	6608	8937	11641
	Power Input	(W)	683	907	1150	1413	1698	2007
	Amps	(A)	2.01	2.2	2.41	2.66	2.93	3.24
	Condensing	(°F)	108	110	113	117	121	125
115	Refrig. Capacity	(Btu/h)		2218	3702	5485	7593	10048
	Power Input	(W)		846	1111	1400	1713	2055
	Amps	(A)		2.12	2.36	2.63	2.94	3.27
	Condensing	(°F)		122	125	129	133	137

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50HZ R-449A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	2098	3511	5251	7345	9814	12673
	Power Input	(W)	723	936	1164	1410	1676	1965
	Amps	(A)	2.07	2.24	2.43	2.65	2.91	3.2
	Condensing	(°F)	99.9	102	105	109	113	118
100	Refrig. Capacity	(Btu/h)	1654	2987	4624	6591	8911	11603
	Power Input	(W)	682	907	1150	1413	1698	2009
	Amps	(A)	2.01	2.2	2.41	2.66	2.93	3.24
	Condensing	(°F)	108	110	114	117	121	126
115	Refrig. Capacity	(Btu/h)		2211	3690	5466	7564	10008
	Power Input	(W)		845	1111	1399	1714	2056
	Amps	(A)		2.12	2.36	2.63	2.94	3.27
	Condensing	(°F)		122	125	129	133	137

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