



tecumseh

WINFH4532Z-XG

380-420V 3~ 50Hz

Condensing unit

HWN4532Z-XG0F6HA

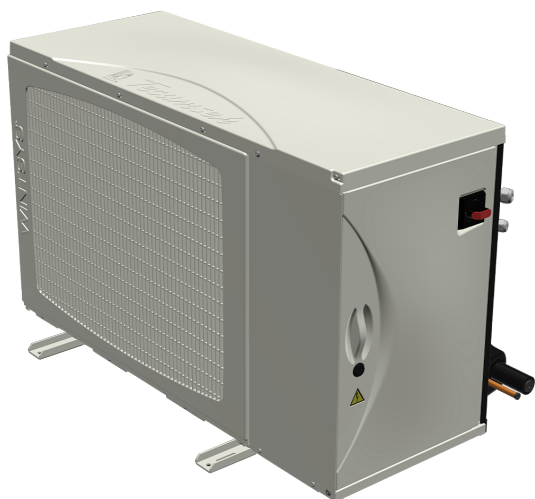
HBP

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

Voltage Code : GB

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	4189	14286
R-404A	50HZ	4591	15655
R-448A	50HZ	4146	14138
R-449A	50HZ	4135	14100

(*) 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

Dimensions

Weight	80.1 kg (177 lb)
Length	1155 mm (45.5 in)
Width	655 mm (25.8 in)
Height	710 mm (28 in)
Ø Suction Tube	7/8 in (22.2mm)
Ø Discharge Tube	1/2 in (12.7mm)

Certificates



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

Electrical

Current RLA 50Hz (A)	4.62
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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)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	10143	12848	15781	18947	22369	26102
	Power Input	(W)	1645	1883	2125	2370	2620	2874
	Amps	(A)	3.5	3.81	4.13	4.45	4.79	5.14
	Condensing	(°F)	110	114	118	123	127	131
100	Refrig. Capacity	(Btu/h)	9009	11519	14209	17092	20199	23592
	Power Input	(W)	1676	1933	2191	2453	2717	2983
	Amps	(A)	3.53	3.87	4.22	4.57	4.93	5.29
	Condensing	(°F)	118	122	126	130	134	137
115	Refrig. Capacity	(Btu/h)	7336	9551	11878	14343	16989	19896
	Power Input	(W)	1708	1995	2282	2568	2855	3143
	Amps	(A)	3.55	3.94	4.34	4.73	5.12	5.52
	Condensing	(°F)	130	134	137	141	144	147

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	11356	14160	17210	20494	24013	27795
	Power Input	(W)	1711	1936	2163	2391	2620	2850
	Amps	(A)	3.63	3.91	4.2	4.5	4.8	5.12
	Condensing	(°F)	105	109	113	117	121	125
100	Refrig. Capacity	(Btu/h)	10143	12720	15491	18451	21610	25003
	Power Input	(W)	1754	1995	2238	2481	2725	2969
	Amps	(A)	3.68	3.99	4.3	4.62	4.95	5.28
	Condensing	(°F)	113	117	121	125	129	133
115	Refrig. Capacity	(Btu/h)	8330	10567	12921	15400	18029	20860
	Power Input	(W)	1812	2079	2346	2613	2880	3146
	Amps	(A)	3.74	4.1	4.45	4.81	5.17	5.53
	Condensing	(°F)	126	129	133	136	140	143



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380-420V 3~ 50Hz

Performances are given at rating conditions ARI_90F
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)	9725	12583	15782	19341	23295	27705
	Power Input	(W)	1545	1762	1987	2219	2459	2704
	Amps	(A)	3.34	3.61	3.91	4.22	4.54	4.88
	Condensing	(°F)	108	112	116	120	124	128
100	Refrig. Capacity	(Btu/h)	8695	11367	14338	17634	21292	25376
	Power Input	(W)	1585	1819	2061	2311	2568	2831
	Amps	(A)	3.38	3.69	4.01	4.35	4.7	5.06
	Condensing	(°F)	116	120	124	128	132	135
115	Refrig. Capacity	(Btu/h)	7179	9573	12205	15105	18319	21916
	Power Input	(W)	1635	1898	2168	2446	2731	3021
	Amps	(A)	3.43	3.79	4.16	4.54	4.93	5.33
	Condensing	(°F)	129	132	135	139	143	146

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	9704	12551	15736	19278	23214	27605
	Power Input	(W)	1546	1764	1990	2223	2464	2711
	Amps	(A)	3.34	3.62	3.91	4.22	4.55	4.89
	Condensing	(°F)	108	112	116	120	125	129
100	Refrig. Capacity	(Btu/h)	8674	11335	14292	17570	21209	25273
	Power Input	(W)	1585	1821	2064	2315	2574	2838
	Amps	(A)	3.38	3.69	4.01	4.35	4.71	5.07
	Condensing	(°F)	116	120	124	128	132	136
115	Refrig. Capacity	(Btu/h)	7158	9542	12159	15041	18234	21810
	Power Input	(W)	1636	1899	2171	2450	2736	3029
	Amps	(A)	3.43	3.79	4.16	4.54	4.94	5.34
	Condensing	(°F)	129	132	136	139	143	147

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