



tecumseh

WINFH4524Z-XG

380-420V 3~ 50Hz

Condensing unit

HWN4524Z-XG0F6HA

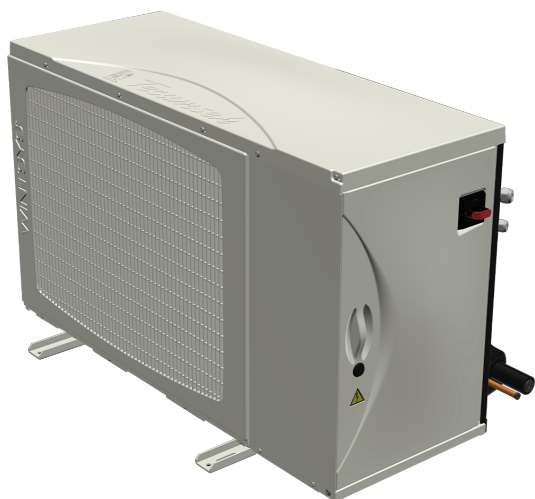
HBP

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

Voltage Code : GB

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	3382	11534
R-404A	50HZ	3739	12752
R-448A	50HZ	3326	11340
R-449A	50HZ	3317	11311

(*) 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	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



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)	4.3
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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)	7872	10251	12879	15756	18885	22277
	Power Input	(W)	1319	1544	1759	1966	2167	2362
	Amps	(A)	3.21	3.52	3.82	4.13	4.43	4.74
	Condensing	(°F)	109	113	117	121	125	129
100	Refrig. Capacity	(Btu/h)	6771	8972	11379	14001	16847	19938
	Power Input	(W)	1305	1554	1791	2018	2236	2447
	Amps	(A)	3.19	3.53	3.87	4.2	4.53	4.86
	Condensing	(°F)	118	121	125	129	133	136
115	Refrig. Capacity	(Btu/h)	5164	7104	9188	11436	13871	16531
	Power Input	(W)	1264	1550	1822	2081	2328	2565
	Amps	(A)	3.11	3.52	3.91	4.3	4.67	5.04
	Condensing	(°F)	131	134	137	140	144	147

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	8929	11411	14156	17146	20360	23775
	Power Input	(W)	1393	1606	1806	1996	2177	2349
	Amps	(A)	3.35	3.64	3.92	4.19	4.46	4.73
	Condensing	(°F)	104	108	112	116	120	124
100	Refrig. Capacity	(Btu/h)	7741	10016	12508	15206	18099	21173
	Power Input	(W)	1388	1624	1846	2056	2255	2445
	Amps	(A)	3.35	3.67	3.98	4.28	4.58	4.87
	Condensing	(°F)	113	117	120	124	128	131
115	Refrig. Capacity	(Btu/h)	5991	7964	10083	12353	14775	17359
	Power Input	(W)	1364	1636	1892	2133	2361	2578
	Amps	(A)	3.31	3.68	4.04	4.39	4.73	5.07
	Condensing	(°F)	127	130	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)	7506	9978	12790	15964	19528	23528
	Power Input	(W)	1249	1457	1658	1853	2043	2227
	Amps	(A)	3.07	3.36	3.64	3.93	4.22	4.51
	Condensing	(°F)	108	111	115	119	123	127
100	Refrig. Capacity	(Btu/h)	6493	8795	11399	14331	17623	21323
	Power Input	(W)	1243	1473	1697	1914	2125	2329
	Amps	(A)	3.06	3.38	3.7	4.02	4.34	4.67
	Condensing	(°F)	117	120	123	127	131	135
115	Refrig. Capacity	(Btu/h)	5013	7071	9372	11948	14839	18096
	Power Input	(W)	1215	1483	1742	1993	2238	2475
	Amps	(A)	3.02	3.4	3.77	4.14	4.51	4.88
	Condensing	(°F)	130	133	136	139	143	146

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	7490	9954	12755	15916	19466	23448
	Power Input	(W)	1249	1457	1659	1855	2047	2232
	Amps	(A)	3.07	3.36	3.64	3.93	4.23	4.52
	Condensing	(°F)	108	111	115	119	123	127
100	Refrig. Capacity	(Btu/h)	6478	8771	11365	14283	17561	21243
	Power Input	(W)	1242	1474	1698	1916	2128	2334
	Amps	(A)	3.06	3.38	3.7	4.03	4.35	4.67
	Condensing	(°F)	117	120	124	127	131	135
115	Refrig. Capacity	(Btu/h)	4997	7048	9338	11902	14777	18015
	Power Input	(W)	1215	1483	1743	1995	2241	2479
	Amps	(A)	3.02	3.4	3.77	4.14	4.52	4.89
	Condensing	(°F)	130	133	136	140	143	147

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