



tecumseh

WINFH4544Z-TX

400V 3~ 50Hz / 440V 3~ 60 Hz

Condensing unit

HWN4544Z-TX0F6HA

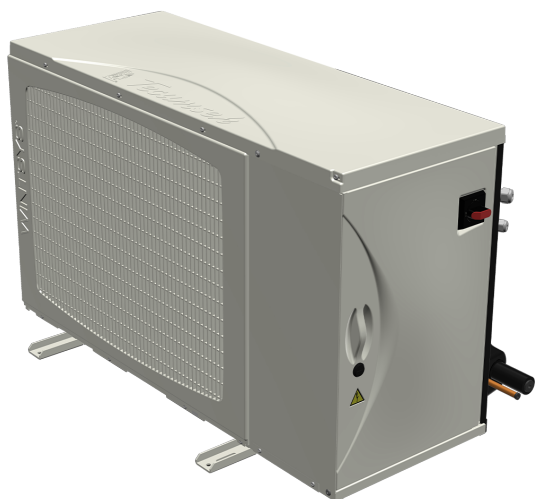
HBP

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

Voltage Code : TX

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	6126	20891
R-404A	50HZ	6562	22377
R-448A	50HZ	6008	20487
R-449A	50HZ	5990	20427

(*) 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	83.9 kg (185 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)	7.2
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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)	14933	18863	22953	27143	31350	35476
	Power Input	(W)	2512	2891	3270	3653	4047	4457
	Amps	(A)	5.09	5.55	6.02	6.52	7.04	7.6
	Condensing	(°F)	110	115	119	124	129	134
100	Refrig. Capacity	(Btu/h)	13164	16835	20614	24469	28354	32218
	Power Input	(W)	2527	2938	3345	3750	4161	4582
	Amps	(A)	5.1	5.61	6.12	6.65	7.2	7.77
	Condensing	(°F)	119	123	127	131	136	141
115	Refrig. Capacity	(Btu/h)	10558	13840	17158	20525	23955	27486
	Power Input	(W)	2527	2988	3438	3880	4319	4759
	Amps	(A)	5.06	5.64	6.22	6.81	7.4	8
	Condensing	(°F)	131	135	138	142	146	150

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	16418	20351	24430	28572	32674	36619
	Power Input	(W)	2640	3006	3370	3736	4108	4493
	Amps	(A)	5.33	5.76	6.21	6.67	7.16	7.68
	Condensing	(°F)	107	111	116	120	126	131
100	Refrig. Capacity	(Btu/h)	14515	18148	21873	25640	29390	33062
	Power Input	(W)	2670	3066	3456	3843	4233	4628
	Amps	(A)	5.37	5.84	6.33	6.82	7.33	7.86
	Condensing	(°F)	116	120	124	128	133	138
115	Refrig. Capacity	(Btu/h)	11669	14851	18052	21273	24525	27849
	Power Input	(W)	2706	3146	3575	3996	4411	4822
	Amps	(A)	5.4	5.94	6.47	7.01	7.56	8.12
	Condensing	(°F)	129	132	136	140	144	148



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400V 3~ 50Hz / 440V 3~ 60 Hz

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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)	14074	18258	22805	27687	32842	38179
	Power Input	(W)	2373	2723	3076	3437	3812	4211
	Amps	(A)	4.82	5.25	5.69	6.16	6.67	7.22
	Condensing	(°F)	110	113	117	121	126	132
100	Refrig. Capacity	(Btu/h)	12490	16429	20672	25204	29982	34932
	Power Input	(W)	2401	2781	3163	3552	3953	4375
	Amps	(A)	4.86	5.33	5.81	6.33	6.87	7.45
	Condensing	(°F)	118	121	125	129	134	139
115	Refrig. Capacity	(Btu/h)	10161	13738	17533	21551	25775	30166
	Power Input	(W)	2429	2855	3282	3714	4155	4612
	Amps	(A)	4.88	5.41	5.96	6.54	7.14	7.77
	Condensing	(°F)	131	134	137	141	145	150

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	14042	18209	22731	27580	32693	37976
	Power Input	(W)	2374	2725	3079	3442	3821	4223
	Amps	(A)	4.83	5.25	5.7	6.17	6.68	7.24
	Condensing	(°F)	110	113	117	122	127	132
100	Refrig. Capacity	(Btu/h)	12456	16378	20597	25097	29834	34737
	Power Input	(W)	2401	2783	3166	3557	3962	4386
	Amps	(A)	4.86	5.33	5.82	6.33	6.88	7.47
	Condensing	(°F)	118	122	126	130	134	139
115	Refrig. Capacity	(Btu/h)	10124	13684	17455	21444	25632	29984
	Power Input	(W)	2429	2857	3285	3719	4163	4623
	Amps	(A)	4.88	5.41	5.97	6.54	7.15	7.78
	Condensing	(°F)	131	134	138	142	146	150

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