



tecumseh

FHT4532ZHR-XG

380-420V 3~ 50Hz

Condensing unit

3H73720234

HBP

R-452A / R-404A

Voltage Code : GB

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	4139	14113
R-404A	50HZ	4533	15456
R-448A	50HZ	4099	13979
R-449A	50HZ	4089	13942

(*) Operating conditions ARI_90F : Dew / T°Ambient 90°F / T°Evap 20°F / T°Return gas temp. 65°F / T°Subcooling 5°F

General

Condensing Unit Type	INDOOR
Family Condensing Unit	Standard Air Cooled Unit
Design Ambient Temp °C (°F)	43 (109)

Mechanical

Fan Qty	1
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Electrical

Current RLA 50Hz (A)	5.3
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Dimensions

Weight	61.1 kg (135 lb)
Length	643 mm (25.3 in)
Width	592 mm (23.3 in)
Height	540 mm (21.3 in)

Note : Tecumseh reserves the right to change information contained in this document without notification.



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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-452A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	10000	12699	15562	18540	21580	24622
	Power Input	(W)	1779	2018	2261	2513	2777	3054
	Amps	(A)	3.96	4.27	4.59	4.92	5.28	5.66
	Condensing	(°F)	111	115	120	124	130	135
100	Refrig. Capacity	(Btu/h)	8798	11272	13870	16562	19316	22102
	Power Input	(W)	1811	2071	2333	2601	2878	3166
	Amps	(A)	3.99	4.33	4.68	5.04	5.42	5.82
	Condensing	(°F)	120	123	128	132	137	142
115	Refrig. Capacity	(Btu/h)	7026	9159	11361	13628	15965	18398
	Power Input	(W)	1842	2136	2429	2725	3025	3330
	Amps	(A)	4	4.41	4.81	5.21	5.62	6.04
	Condensing	(°F)	132	136	140	144	148	152

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	11225	14002	16944	19985	23052	26071
	Power Input	(W)	1845	2071	2301	2537	2782	3038
	Amps	(A)	4.09	4.37	4.66	4.97	5.3	5.65
	Condensing	(°F)	106	110	115	119	125	130
100	Refrig. Capacity	(Btu/h)	9935	12456	15100	17820	20566	23297
	Power Input	(W)	1890	2135	2382	2634	2892	3159
	Amps	(A)	4.14	4.45	4.77	5.11	5.45	5.82
	Condensing	(°F)	115	119	123	127	132	137
115	Refrig. Capacity	(Btu/h)	8006	10143	12342	14585	16865	19195
	Power Input	(W)	1952	2225	2499	2776	3055	3338
	Amps	(A)	4.2	4.57	4.93	5.3	5.68	6.07
	Condensing	(°F)	128	132	136	139	144	148



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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)	9527	12412	15626	19145	22929	26916
	Power Input	(W)	1683	1900	2123	2356	2603	2866
	Amps	(A)	3.79	4.07	4.37	4.68	5.01	5.38
	Condensing	(°F)	109	113	117	121	126	131
100	Refrig. Capacity	(Btu/h)	8453	11120	14074	17303	20780	24460
	Power Input	(W)	1723	1960	2203	2456	2722	3003
	Amps	(A)	3.84	4.15	4.48	4.82	5.18	5.57
	Condensing	(°F)	118	122	125	129	134	139
115	Refrig. Capacity	(Btu/h)	6873	9212	11776	14570	17586	20806
	Power Input	(W)	1774	2043	2319	2603	2898	3208
	Amps	(A)	3.89	4.26	4.63	5.02	5.43	5.86
	Condensing	(°F)	132	135	138	142	146	150

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	9510	12383	15580	19076	22829	26779
	Power Input	(W)	1684	1901	2126	2361	2609	2875
	Amps	(A)	3.8	4.08	4.37	4.68	5.02	5.39
	Condensing	(°F)	110	113	117	121	126	132
100	Refrig. Capacity	(Btu/h)	8435	11091	14028	17235	20682	24326
	Power Input	(W)	1724	1961	2206	2461	2728	3011
	Amps	(A)	3.84	4.15	4.48	4.82	5.19	5.58
	Condensing	(°F)	118	122	125	130	134	139
115	Refrig. Capacity	(Btu/h)	6854	9182	11729	14502	17491	20680
	Power Input	(W)	1775	2044	2321	2607	2905	3216
	Amps	(A)	3.89	4.26	4.64	5.03	5.44	5.87
	Condensing	(°F)	132	135	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.