



tecumseh

FHT4532ZHR-XC

220 - 240V 1~ 50 Hz

Condensing unit

3H33730241

HBP

R-452A / R-404A

Voltage Code : XC

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	4237	14449
R-404A	50HZ	4641	15827
R-448A	50HZ	4178	14248
R-449A	50HZ	4169	14216

(*) 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)	13.3
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Dimensions

Weight	63.3 kg (140 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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220 - 240V 1~ 50 Hz

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)	10082	12949	15985	19130	22314	25463
	Power Input	(W)	1928	2150	2370	2595	2831	3084
	Amps	(A)	9.06	10.1	11.1	12.2	13.3	14.5
	Condensing	(°F)	111	115	120	125	130	136
100	Refrig. Capacity	(Btu/h)	8807	11479	14282	17174	20105	23027
	Power Input	(W)	1949	2200	2443	2687	2938	3201
	Amps	(A)	9.15	10.3	11.4	12.6	13.8	15
	Condensing	(°F)	120	124	128	132	137	143
115	Refrig. Capacity	(Btu/h)	6928	9313	11775	14300	16874	19504
	Power Input	(W)	1945	2247	2533	2810	3088	3371
	Amps	(A)	9.1	10.5	11.8	13.1	14.4	15.7
	Condensing	(°F)	134	136	140	144	148	153

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	11364	14296	17391	20573	23756	26861
	Power Input	(W)	2006	2209	2411	2617	2833	3063
	Amps	(A)	9.42	10.4	11.3	12.3	13.3	14.4
	Condensing	(°F)	106	110	115	120	125	131
100	Refrig. Capacity	(Btu/h)	9998	12702	15529	18422	21317	24162
	Power Input	(W)	2045	2273	2496	2720	2949	3189
	Amps	(A)	9.59	10.7	11.7	12.8	13.8	15
	Condensing	(°F)	115	119	123	128	133	138
115	Refrig. Capacity	(Btu/h)	7965	10335	12770	15242	17726	20228
	Power Input	(W)	2079	2351	2611	2865	3119	3376
	Amps	(A)	9.71	11	12.2	13.4	14.6	15.8
	Condensing	(°F)	129	132	136	140	144	149



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220 - 240V 1~ 50 Hz

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)	9528	12584	15998	19740	23749	27938
	Power Input	(W)	1828	2028	2227	2431	2648	2886
	Amps	(A)	8.61	9.53	10.5	11.4	12.5	13.6
	Condensing	(°F)	111	113	117	121	126	132
100	Refrig. Capacity	(Btu/h)	8375	11237	14418	17900	21637	25555
	Power Input	(W)	1859	2088	2311	2537	2774	3030
	Amps	(A)	8.73	9.79	10.8	11.9	13	14.2
	Condensing	(°F)	120	122	126	130	134	139
115	Refrig. Capacity	(Btu/h)	6692	9274	12114	15213	18545	22062
	Power Input	(W)	1879	2156	2423	2688	2960	3245
	Amps	(A)	8.77	10	11.3	12.5	13.8	15.1
	Condensing	(°F)	134	136	139	142	146	151

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	9515	12560	15957	19673	23648	27794
	Power Input	(W)	1829	2030	2229	2435	2654	2896
	Amps	(A)	8.61	9.54	10.5	11.5	12.5	13.6
	Condensing	(°F)	111	114	117	122	127	132
100	Refrig. Capacity	(Btu/h)	8362	11213	14378	17836	21540	25419
	Power Input	(W)	1859	2089	2313	2541	2781	3039
	Amps	(A)	8.74	9.79	10.9	11.9	13.1	14.3
	Condensing	(°F)	120	123	126	130	134	140
115	Refrig. Capacity	(Btu/h)	6678	9250	12076	15153	18457	21939
	Power Input	(W)	1879	2157	2425	2692	2966	3255
	Amps	(A)	8.77	10	11.3	12.5	13.8	15.2
	Condensing	(°F)	134	136	139	142	146	151

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