



tecumseh

FHT2511ZBR-XC

220 - 240V 1~ 50 Hz

Condensing unit

3H30230541

LBP

R-452A / R-404A

Voltage Code : XC

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	3221	10984
R-404A	50HZ	3649	12442
R-448A	50HZ	3122	10647
R-449A	50HZ	3114	10617

(*) Operating conditions ARI_90F : Dew / T°Ambient 90°F / T°Evap -10°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)
Evaporating Temp. Range	-40°C to -10°C (-40°F to 14°F)

Mechanical

Fan Diameter	420 mm
Fan Qty	1

Electrical

Current RLA 50Hz (A)	12.7
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Dimensions

Weight	59.5 kg (131 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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Performances are given at rating conditions ARI_90F
Conditions DEW

Return gas temp. : 65 °F
Subcooling : 5 °F

50HZ R-452A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	3407	5623	8157	10984	14073	17415
	Power Input	(W)	1184	1540	1918	2331	2790	3304
	Amps	(A)	7.14	7.74	8.42	9.22	10.2	11.3
	Condensing	(°F)	104	107	111	117	123	129
100	Refrig. Capacity	(Btu/h)	2632	4707	7064	9684	12550	15670
	Power Input	(W)	1110	1486	1887	2323	2806	3345
	Amps	(A)	6.91	7.59	8.34	9.19	10.2	11.3
	Condensing	(°F)	113	115	119	124	130	136
115	Refrig. Capacity	(Btu/h)	1517	3370	5455	7763	10297	13102
	Power Input	(W)	967	1375	1810	2282	2803	3381
	Amps	(A)	6.47	7.27	8.12	9.06	10.1	11.3
	Condensing	(°F)	125	128	131	136	141	147

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50HZ R-404A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	4495	6865	9527	12442	15579	18952
	Power Input	(W)	1347	1708	2090	2507	2969	3483
	Amps	(A)	8.01	8.52	9.15	9.92	10.8	11.9
	Condensing	(°F)	99.6	102	107	112	119	125
100	Refrig. Capacity	(Btu/h)	3657	5879	8349	11036	13923	17040
	Power Input	(W)	1290	1673	2079	2521	3008	3549
	Amps	(A)	7.89	8.47	9.15	9.97	10.9	12
	Condensing	(°F)	108	111	115	121	126	133
115	Refrig. Capacity	(Btu/h)	2440	4428	6603	8947	11461	14214
	Power Input	(W)	1172	1591	2033	2513	3041	3623
	Amps	(A)	7.61	8.3	9.07	9.96	11	12.2
	Condensing	(°F)	121	124	128	133	138	144



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Conditions DEW

Return gas temp. : 65 °F
Subcooling : 5 °F

50HZ R-448A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	2831	4967	7568	10647	14190	18154
	Power Input	(W)	1085	1426	1791	2185	2616	3095
	Amps	(A)	6.53	7.16	7.86	8.65	9.57	10.6
	Condensing	(°F)	104	107	110	114	118	124
100	Refrig. Capacity	(Btu/h)	2124	4130	6568	9456	12788	16531
	Power Input	(W)	1010	1371	1760	2181	2641	3149
	Amps	(A)	6.29	6.99	7.77	8.63	9.61	10.7
	Condensing	(°F)	113	115	118	122	126	132
115	Refrig. Capacity	(Btu/h)		2902	5090	7691	10707	14123
	Power Input	(W)		1257	1682	2144	2648	3202
	Amps	(A)		6.65	7.54	8.51	9.59	10.8
	Condensing	(°F)		128	130	134	138	143

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50HZ R-449A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	2829	4961	7554	10617	14137	18070
	Power Input	(W)	1085	1426	1791	2185	2617	3099
	Amps	(A)	6.53	7.16	7.86	8.65	9.57	10.6
	Condensing	(°F)	105	107	110	114	119	124
100	Refrig. Capacity	(Btu/h)	2120	4123	6552	9425	12735	16448
	Power Input	(W)	1010	1371	1760	2181	2642	3152
	Amps	(A)	6.29	6.99	7.77	8.63	9.61	10.7
	Condensing	(°F)	113	115	118	122	127	132
115	Refrig. Capacity	(Btu/h)		2892	5073	7659	10654	14042
	Power Input	(W)		1256	1681	2143	2648	3203
	Amps	(A)		6.64	7.53	8.51	9.58	10.8
	Condensing	(°F)		128	131	134	138	144

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