



tecumseh

CAJT4519ZHR-FZ

220 - 240V 1~ 50 Hz

Condensing unit

3J24131246

HBP

R-452A / R-404A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	3101	10574
R-404A	50HZ	3324	11336
R-448A	50HZ	2963	10105
R-449A	50HZ	2964	10107

(*) 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)	46 (115)

Mechanical

Fan Qty	1
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Electrical

Current RLA 50Hz (A)	10.83
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Dimensions

Weight	46 kg (101 lb)
Length	607 mm (23.9 in)
Width	576 mm (22.7 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)	7581	9540	11639	13827	16014	18065
	Power Input	(W)	1454	1619	1797	1993	2213	2464
	Amps	(A)	6.53	7.29	8.12	9.05	10.1	11.3
	Condensing	(°F)	109	112	116	120	125	131
100	Refrig. Capacity	(Btu/h)	6771	8572	10491	12489	14496	16406
	Power Input	(W)	1482	1661	1853	2061	2291	2549
	Amps	(A)	6.63	7.45	8.35	9.33	10.4	11.6
	Condensing	(°F)	117	121	124	128	132	138
115	Refrig. Capacity	(Btu/h)	5549	7110	8756	10472	12221	13938
	Power Input	(W)	1504	1710	1927	2157	2405	2676
	Amps	(A)	6.73	7.67	8.66	9.73	10.9	12.1
	Condensing	(°F)	130	133	136	139	143	147

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	8331	10305	12388	14514	16584	18466
	Power Input	(W)	1510	1672	1846	2037	2251	2496
	Amps	(A)	6.81	7.54	8.35	9.26	10.3	11.4
	Condensing	(°F)	104	108	112	117	122	128
100	Refrig. Capacity	(Btu/h)	7461	9268	11162	13093	14988	16746
	Power Input	(W)	1548	1723	1909	2111	2333	2583
	Amps	(A)	6.93	7.74	8.61	9.57	10.6	11.8
	Condensing	(°F)	113	117	120	125	129	135
115	Refrig. Capacity	(Btu/h)	6143	7696	9304	10947	12589	14180
	Power Input	(W)	1587	1786	1996	2217	2454	2713
	Amps	(A)	7.09	8	8.97	10	11.1	12.3
	Condensing	(°F)	126	130	133	137	140	145



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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)	7020	9027	11228	13590	16053	18518
	Power Input	(W)	1371	1529	1703	1895	2112	2361
	Amps	(A)	6.16	6.88	7.69	8.61	9.64	10.8
	Condensing	(°F)	109	112	116	121	126	132
100	Refrig. Capacity	(Btu/h)	6301	8173	10217	12411	14710	17036
	Power Input	(W)	1403	1576	1765	1971	2201	2460
	Amps	(A)	6.27	7.07	7.95	8.92	10	11.2
	Condensing	(°F)	117	121	124	128	133	139
115	Refrig. Capacity	(Btu/h)	5234	6901	8707	10650	12706	14826
	Power Input	(W)	1427	1630	1846	2079	2331	2609
	Amps	(A)	6.39	7.31	8.3	9.38	10.5	11.8
	Condensing	(°F)	130	133	137	140	144	149

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	7021	9029	11231	13594	16057	18525
	Power Input	(W)	1371	1529	1703	1895	2112	2361
	Amps	(A)	6.16	6.88	7.69	8.61	9.64	10.8
	Condensing	(°F)	109	112	116	121	126	132
100	Refrig. Capacity	(Btu/h)	6303	8175	10220	12415	14716	17043
	Power Input	(W)	1403	1576	1765	1971	2201	2460
	Amps	(A)	6.27	7.07	7.95	8.92	10	11.2
	Condensing	(°F)	117	121	124	128	133	139
115	Refrig. Capacity	(Btu/h)	5236	6903	8711	10655	12713	14835
	Power Input	(W)	1427	1630	1846	2079	2331	2609
	Amps	(A)	6.39	7.31	8.3	9.38	10.5	11.8
	Condensing	(°F)	130	133	137	140	144	149

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