



tecumseh

CAJT9513ZMHR-FZ

220 - 240V 1~ 50 Hz

Condensing unit

3J24431246

M-HBP

R-452A / R-404A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	2233	7614
R-404A	50HZ	2324	7924
R-448A	50HZ	2068	7052
R-449A	50HZ	2069	7054

(*) 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)	7.23
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Dimensions

Weight	45 kg (99 lb)
Length	607 mm (23.9 in)
Width	512 mm (20.2 in)
Height	445 mm (17.5 in)
Ø Suction Tube	5/8 in (15.9mm)
Ø Discharge Tube	3/8 in (9.52mm)

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)	5384	6832	8432	10164	12006	13935
	Power Input	(W)	948	1062	1180	1305	1440	1585
	Amps	(A)	4.92	5.4	5.93	6.51	7.14	7.85
	Condensing	(°F)	104	107	111	115	119	123
100	Refrig. Capacity	(Btu/h)	4785	6112	7562	9120	10766	12479
	Power Input	(W)	965	1091	1221	1357	1503	1659
	Amps	(A)	4.98	5.52	6.1	6.73	7.41	8.16
	Condensing	(°F)	113	116	119	123	127	131
115	Refrig. Capacity	(Btu/h)	3870	5018	6248	7548	8904	10303
	Power Input	(W)	975	1122	1271	1426	1589	1762
	Amps	(A)	5.03	5.66	6.32	7.03	7.79	8.61
	Condensing	(°F)	126	129	132	136	139	143

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	5701	7149	8729	10418	12186	14007
	Power Input	(W)	989	1103	1220	1343	1473	1613
	Amps	(A)	5.14	5.61	6.13	6.69	7.31	7.99
	Condensing	(°F)	103	106	110	114	118	122
100	Refrig. Capacity	(Btu/h)	5071	6392	7817	9325	10890	12491
	Power Input	(W)	1010	1136	1264	1398	1538	1688
	Amps	(A)	5.21	5.75	6.32	6.93	7.59	8.31
	Condensing	(°F)	112	115	118	122	126	130
115	Refrig. Capacity	(Btu/h)	4117	5253	6450	7693	8963	10246
	Power Input	(W)	1027	1173	1320	1472	1629	1794
	Amps	(A)	5.28	5.91	6.56	7.25	7.99	8.77
	Condensing	(°F)	125	128	131	135	138	142



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220 - 240V 1~ 50 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)	4869	6279	7870	9641	11589	13710
	Power Input	(W)	921	1033	1151	1276	1412	1559
	Amps	(A)	4.99	5.49	6.04	6.62	7.25	7.93
	Condensing	(°F)	106	110	113	117	121	126
100	Refrig. Capacity	(Btu/h)	4349	5659	7124	8746	10525	12457
	Power Input	(W)	940	1064	1194	1332	1480	1640
	Amps	(A)	5.07	5.63	6.23	6.87	7.55	8.29
	Condensing	(°F)	115	119	122	126	130	134
115	Refrig. Capacity	(Btu/h)	3558	4727	6011	7417	8948	10605
	Power Input	(W)	955	1100	1252	1411	1580	1760
	Amps	(A)	5.14	5.8	6.49	7.21	7.98	8.8
	Condensing	(°F)	129	132	135	138	142	146

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	4870	6281	7872	9645	11596	13719
	Power Input	(W)	921	1033	1151	1276	1412	1559
	Amps	(A)	4.99	5.49	6.04	6.62	7.25	7.93
	Condensing	(°F)	106	110	113	117	121	126
100	Refrig. Capacity	(Btu/h)	4350	5661	7127	8750	10531	12466
	Power Input	(W)	940	1064	1194	1332	1480	1640
	Amps	(A)	5.07	5.63	6.23	6.87	7.55	8.29
	Condensing	(°F)	115	119	122	126	130	134
115	Refrig. Capacity	(Btu/h)	3560	4729	6014	7421	8954	10615
	Power Input	(W)	955	1100	1252	1411	1580	1760
	Amps	(A)	5.14	5.8	6.49	7.21	7.98	8.8
	Condensing	(°F)	129	132	135	138	142	146

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