



tecumseh

CAJT2446ZBR-FZ

220 - 240V 1~ 50 Hz

Condensing unit

3J23331246

LBP

R-452A / R-404A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	1137	3876
R-404A	50HZ	1216	4147
R-448A	50HZ	1008	3437
R-449A	50HZ	1008	3438

(*) 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)	46 (115)

Mechanical

Fan Qty	1
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Electrical

Current RLA 50Hz (A)	4.52
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Dimensions

Weight	36 kg (79 lb)
Length	490 mm (19.3 in)
Width	430 mm (16.9 in)
Height	340 mm (13.4 in)
Ø Suction Tube	1/2 in (12.7mm)
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)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	1465	2179	2984	3876	4844	5884
	Power Input (W)	557	660	768	886	1020	1172
	Amps (A)	2.83	3.22	3.68	4.22	4.84	5.56
	Condensing (°F)	99.9	101	104	108	113	118
100	Refrig. Capacity (Btu/h)	1222	1885	2624	3434	4307	5238
	Power Input (W)	540	653	770	898	1041	1202
	Amps (A)	2.77	3.22	3.72	4.3	4.96	5.71
	Condensing (°F)	109	111	113	117	122	127
115	Refrig. Capacity (Btu/h)	877	1456	2091	2778	3508	4282
	Power Input (W)	506	633	765	907	1065	1241
	Amps (A)	2.67	3.2	3.77	4.4	5.12	5.92
	Condensing (°F)	124	125	127	130	135	140

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50HZ R-404A

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	1716	2432	3246	4147	5117	6134
	Power Input (W)	600	706	819	942	1077	1230
	Amps (A)	3.02	3.43	3.91	4.47	5.1	5.82
	Condensing (°F)	96	99.3	103	107	112	117
100	Refrig. Capacity (Btu/h)	1452	2112	2854	3665	4531	5430
	Power Input (W)	589	703	824	956	1102	1265
	Amps (A)	2.99	3.44	3.96	4.56	5.23	5.99
	Condensing (°F)	106	109	112	117	121	126
115	Refrig. Capacity (Btu/h)	1067	1640	2270	2947	3657	4382
	Power Input (W)	562	689	824	970	1132	1312
	Amps (A)	2.93	3.45	4.03	4.69	5.42	6.24
	Condensing (°F)	120	123	127	131	135	140



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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)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	1124	1762	2533	3437	4471	5623
	Power Input	(W)	520	624	734	851	979	1122
	Amps	(A)	2.65	3.07	3.54	4.06	4.66	5.33
	Condensing	(°F)	102	104	107	111	115	120
100	Refrig. Capacity	(Btu/h)	937	1525	2232	3063	4014	5075
	Power Input	(W)	507	619	737	864	1002	1155
	Amps	(A)	2.62	3.07	3.58	4.15	4.78	5.49
	Condensing	(°F)	111	114	117	120	124	129
115	Refrig. Capacity	(Btu/h)		1191	1809	2534	3365	4297
	Power Input	(W)		602	734	876	1029	1198
	Amps	(A)		3.06	3.64	4.27	4.96	5.72
	Condensing	(°F)		127	130	134	138	142

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50HZ R-449A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	1124	1763	2534	3438	4472	5625
	Power Input	(W)	520	624	734	851	979	1122
	Amps	(A)	2.65	3.07	3.54	4.06	4.66	5.33
	Condensing	(°F)	102	104	107	111	115	120
100	Refrig. Capacity	(Btu/h)	937	1525	2233	3064	4015	5077
	Power Input	(W)	507	619	737	864	1002	1155
	Amps	(A)	2.62	3.07	3.58	4.15	4.78	5.49
	Condensing	(°F)	111	114	117	120	124	129
115	Refrig. Capacity	(Btu/h)		1192	1810	2535	3367	4299
	Power Input	(W)		602	734	876	1029	1198
	Amps	(A)		3.06	3.64	4.27	4.96	5.72
	Condensing	(°F)		127	130	134	138	142

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