



tecumseh

TAJT2464ZBR-TZ

400V 3~ 50Hz / 440V 3~ 60 Hz

Condensing unit

3J43431246

LBP

R-452A / R-404A

Voltage Code : TZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ / 60HZ	1455 / 1603	4961 / 5467
R-404A	50HZ / 60HZ	1562 / 1721	5325 / 5867
R-448A	50HZ / 60HZ	1298 / 1431	4426 / 4878
R-449A	50HZ / 60HZ	1298 / 1431	4427 / 4879

(*) 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)	2.63
Current RLA 60Hz (A)	2.87

Dimensions

Weight	45 kg (99 lb)
Length	607 mm (23.9 in)
Width	512 mm (20.2 in)
Height	445 mm (17.5 in)

Note : Tecumseh reserves the right to change information contained in this document without notification.



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400V 3~ 50Hz / 440V 3~ 60 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)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	2013	2854	3838	4961	6211	7568
	Power Input (W)	719	859	1010	1177	1365	1578
	Amps (A)	2.17	2.33	2.52	2.75	3.01	3.32
	Condensing (°F)	97.8	101	104	108	113	118
100	Refrig. Capacity (Btu/h)	1726	2504	3404	4423	5550	6766
	Power Input (W)	702	853	1016	1195	1394	1619
	Amps (A)	2.15	2.32	2.53	2.77	3.05	3.38
	Condensing (°F)	107	110	113	117	122	127
115	Refrig. Capacity (Btu/h)	1307	1987	2758	3620	4563	5569
	Power Input (W)	664	835	1016	1213	1430	1673
	Amps (A)	2.1	2.3	2.54	2.8	3.1	3.44
	Condensing (°F)	121	124	127	131	135	140

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60HZ R-452A

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	2229	3152	4233	5467	6839	8325
	Power Input (W)	840	1009	1186	1381	1606	1870
	Amps (A)	2.09	2.28	2.51	2.77	3.08	3.44
	Condensing (°F)	97.3	100	104	108	113	118
100	Refrig. Capacity (Btu/h)	1915	2763	3746	4859	6089	7411
	Power Input (W)	814	997	1187	1396	1634	1913
	Amps (A)	2.07	2.27	2.52	2.8	3.12	3.5
	Condensing (°F)	107	110	113	117	122	128
115	Refrig. Capacity (Btu/h)	1465	2197	3031	3962	4977	6057
	Power Input (W)	759	964	1176	1408	1670	1974
	Amps (A)	2.01	2.25	2.52	2.82	3.17	3.56
	Condensing (°F)	121	124	127	132	136	142



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50HZ R-404A

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	2257	3149	4176	5325	6572	7885
	Power Input (W)	769	918	1076	1249	1440	1657
	Amps (A)	2.29	2.46	2.65	2.88	3.15	3.46
	Condensing (°F)	96.8	99.5	103	107	112	117
100	Refrig. Capacity (Btu/h)	1950	2772	3709	4747	5864	7031
	Power Input (W)	758	917	1087	1271	1474	1703
	Amps (A)	2.28	2.46	2.67	2.92	3.2	3.53
	Condensing (°F)	106	109	112	116	121	126
115	Refrig. Capacity (Btu/h)	1493	2212	3014	3888	4813	5765
	Power Input (W)	728	905	1093	1295	1519	1768
	Amps (A)	2.25	2.46	2.69	2.96	3.27	3.61
	Condensing (°F)	120	123	126	130	134	139

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60HZ R-404A

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	2498	3476	4605	5867	7234	8671
	Power Input (W)	898	1078	1264	1466	1695	1965
	Amps (A)	2.21	2.4	2.64	2.91	3.23	3.59
	Condensing (°F)	96.2	99.1	103	107	112	117
100	Refrig. Capacity (Btu/h)	2160	3057	4081	5214	6431	7696
	Power Input (W)	879	1071	1270	1485	1729	2014
	Amps (A)	2.19	2.41	2.66	2.95	3.28	3.66
	Condensing (°F)	106	109	112	116	121	127
115	Refrig. Capacity (Btu/h)	1669	2444	3310	4252	5246	6262
	Power Input (W)	832	1045	1265	1504	1774	2087
	Amps (A)	2.15	2.39	2.67	2.98	3.34	3.74
	Condensing (°F)	120	123	126	130	135	141



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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)	1537	2338	3300	4426	5710	7140
	Power Input	(W)	672	814	965	1130	1312	1518
	Amps	(A)	2.06	2.23	2.43	2.65	2.91	3.21
	Condensing	(°F)	100	103	107	111	115	120
100	Refrig. Capacity	(Btu/h)	1306	2047	2935	3972	5156	6476
	Power Input	(W)	658	811	974	1150	1344	1562
	Amps	(A)	2.05	2.23	2.45	2.69	2.96	3.27
	Condensing	(°F)	110	112	116	120	124	129
115	Refrig. Capacity	(Btu/h)		1635	2418	3331	4373	5537
	Power Input	(W)		795	976	1171	1385	1622
	Amps	(A)		2.22	2.46	2.72	3.02	3.35
	Condensing	(°F)		126	129	133	138	143

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60HZ R-448A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	1704	2582	3640	4878	6290	7865
	Power Input	(W)	784	956	1133	1325	1543	1798
	Amps	(A)	1.99	2.19	2.42	2.68	2.98	3.33
	Condensing	(°F)	99.8	103	106	110	115	121
100	Refrig. Capacity	(Btu/h)	1452	2260	3232	4368	5666	7115
	Power Input	(W)	762	947	1137	1342	1575	1845
	Amps	(A)	1.97	2.19	2.43	2.71	3.03	3.39
	Condensing	(°F)	109	112	116	120	125	130
115	Refrig. Capacity	(Btu/h)		1813	2664	3659	4797	6070
	Power Input	(W)		917	1130	1360	1618	1916
	Amps	(A)		2.17	2.44	2.74	3.08	3.46
	Condensing	(°F)		126	130	134	139	144

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



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Return gas temp. : 65 °F
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50HZ R-449A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	1537	2338	3301	4427	5711	7143
	Power Input	(W)	672	814	965	1130	1312	1518
	Amps	(A)	2.06	2.23	2.43	2.65	2.91	3.21
	Condensing	(°F)	100	103	107	111	115	120
100	Refrig. Capacity	(Btu/h)	1307	2047	2936	3973	5157	6479
	Power Input	(W)	658	811	974	1150	1344	1562
	Amps	(A)	2.05	2.23	2.45	2.69	2.96	3.27
	Condensing	(°F)	110	112	116	120	124	129
115	Refrig. Capacity	(Btu/h)		1635	2419	3332	4375	5540
	Power Input	(W)		795	976	1171	1385	1622
	Amps	(A)		2.22	2.46	2.72	3.02	3.35
	Condensing	(°F)		126	129	133	138	143

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60HZ R-449A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	1704	2583	3641	4879	6292	7868
	Power Input	(W)	784	956	1133	1325	1543	1798
	Amps	(A)	1.99	2.19	2.42	2.68	2.98	3.33
	Condensing	(°F)	99.8	103	106	110	115	121
100	Refrig. Capacity	(Btu/h)	1453	2261	3232	4370	5668	7118
	Power Input	(W)	762	947	1137	1342	1575	1845
	Amps	(A)	1.97	2.19	2.43	2.71	3.03	3.39
	Condensing	(°F)	109	112	116	120	125	130
115	Refrig. Capacity	(Btu/h)		1813	2665	3661	4799	6074
	Power Input	(W)		917	1130	1360	1618	1916
	Amps	(A)		2.17	2.44	2.74	3.08	3.46
	Condensing	(°F)		126	130	134	139	144

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