



tecumseh

TAGT2525ZBR-TZ

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

Condensing unit

3H85530233

LBP

R-452A / R-404A

Voltage Code : TZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ / 60HZ	5615 / 6210	19146 / 21176
R-404A	50HZ / 60HZ	5955 / 6572	20307 / 22409
R-448A	50HZ / 60HZ	4899 / 5464	16705 / 18631
R-449A	50HZ / 60HZ	4901 / 5466	16712 / 18641

(*) 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)

Mechanical

Fan Qty	1
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Electrical

Current RLA 50Hz (A)	7.4
Current RLA 60Hz (A)	8.4

Dimensions

Weight	85 kg (187 lb)
Length	685 mm (27 in)
Width	591 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)	6573	10281	14476	19146	24262	29807
	Power Input	(W)	1919	2465	3045	3678	4379	5159
	Amps	(A)	5.02	5.67	6.41	7.28	8.28	9.42
	Condensing	(°F)	99.7	101	104	108	113	118
100	Refrig. Capacity	(Btu/h)	5285	8798	12743	17116	21898	27089
	Power Input	(W)	1826	2409	3021	3682	4407	5208
	Amps	(A)	4.87	5.59	6.39	7.29	8.33	9.49
	Condensing	(°F)	109	110	112	116	120	125
115	Refrig. Capacity	(Btu/h)	3470	6646	10189	14105	18392	23080
	Power Input	(W)	1647	2288	2952	3657	4421	5255
	Amps	(A)	4.59	5.41	6.29	7.26	8.34	9.54
	Condensing	(°F)	123	124	125	128	132	136

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60HZ R-452A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	6783	11240	16028	21176	26683	32559
	Power Input	(W)	2473	3251	4034	4866	5778	6799
	Amps	(A)	5.36	6.3	7.3	8.38	9.57	10.9
	Condensing	(°F)	109	110	113	116	121	126
100	Refrig. Capacity	(Btu/h)	5013	9325	13883	18727	23876	29362
	Power Input	(W)	2248	3109	3958	4843	5801	6860
	Amps	(A)	5.08	6.12	7.19	8.33	9.58	11
	Condensing	(°F)	119	119	121	125	129	134
115	Refrig. Capacity	(Btu/h)	2184	6256	10458	14853	19492	24468
	Power Input	(W)	1766	2778	3746	4729	5768	6897
	Amps	(A)	4.54	5.73	6.93	8.18	9.52	11
	Condensing	(°F)	134	134	135	137	141	145



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Return gas temp. : 65 °F
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50HZ R-404A

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	7682	11409	15635	20307	25349	30675
	Power Input (W)	2100	2667	3275	3936	4660	5458
	Amps (A)	5.41	6.08	6.85	7.75	8.77	9.93
	Condensing (°F)	96.7	99.6	103	108	113	118
100	Refrig. Capacity (Btu/h)	6317	9828	13769	18104	22771	27706
	Power Input (W)	2028	2623	3259	3947	4697	5520
	Amps (A)	5.31	6.02	6.84	7.77	8.83	10
	Condensing (°F)	106	109	112	116	121	126
115	Refrig. Capacity (Btu/h)	4329	7500	11007	14834	18952	23333
	Power Input (W)	1881	2523	3204	3936	4728	5590
	Amps (A)	5.1	5.89	6.77	7.76	8.88	10.1
	Condensing (°F)	120	122	125	129	133	137

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60HZ R-404A

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	8063	12474	17273	22409	27804	33363
	Power Input (W)	2726	3518	4335	5204	6147	7186
	Amps (A)	5.77	6.72	7.75	8.88	10.1	11.4
	Condensing (°F)	106	109	112	116	121	126
100	Refrig. Capacity (Btu/h)	6209	10435	14960	19748	24739	29868
	Power Input (W)	2531	3393	4271	5193	6182	7261
	Amps (A)	5.53	6.57	7.67	8.85	10.1	11.5
	Condensing (°F)	116	118	121	125	129	134
115	Refrig. Capacity (Btu/h)	3313	7241	11346	15620	20044	24613
	Power Input (W)	2103	3091	4077	5092	6163	7313
	Amps (A)	5.05	6.22	7.43	8.72	10.1	11.6
	Condensing (°F)	131	132	135	138	142	146



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

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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)	4895	8127	12057	16705	22062	28091
	Power Input	(W)	1769	2309	2887	3510	4189	4933
	Amps	(A)	4.47	5.11	5.83	6.64	7.56	8.58
	Condensing	(°F)	102	105	108	112	116	121
100	Refrig. Capacity	(Btu/h)	3915	6935	10607	14965	20016	25742
	Power Input	(W)	1689	2261	2869	3521	4226	4994
	Amps	(A)	4.36	5.05	5.81	6.66	7.61	8.66
	Condensing	(°F)	112	114	117	120	124	129
115	Refrig. Capacity	(Btu/h)		5296	8595	12531	17135	22417
	Power Input	(W)		2146	2804	3504	4254	5063
	Amps	(A)		4.89	5.73	6.65	7.65	8.75
	Condensing	(°F)		127	130	133	136	140

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60HZ R-448A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	4930	8810	13372	18631	24572	31152
	Power Input	(W)	2272	3046	3837	4666	5556	6527
	Amps	(A)	5.04	5.99	7	8.08	9.24	10.5
	Condensing	(°F)	112	114	117	120	124	129
100	Refrig. Capacity	(Btu/h)	3583	7278	11602	16582	22220	28489
	Power Input	(W)	2050	2899	3756	4644	5583	6596
	Amps	(A)	4.78	5.81	6.89	8.04	9.26	10.6
	Condensing	(°F)	121	123	126	129	133	137
115	Refrig. Capacity	(Btu/h)		5073	9041	13609	18803	24629
	Power Input	(W)		2551	3526	4518	5548	6638
	Amps	(A)		5.41	6.62	7.88	9.2	10.6
	Condensing	(°F)		137	140	142	145	149

* 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)	4897	8130	12062	16712	22073	28106
	Power Input	(W)	1769	2309	2887	3510	4189	4933
	Amps	(A)	4.47	5.11	5.83	6.64	7.56	8.58
	Condensing	(°F)	102	105	108	112	116	121
100	Refrig. Capacity	(Btu/h)	3917	6938	10612	14973	20028	25758
	Power Input	(W)	1689	2261	2869	3521	4226	4994
	Amps	(A)	4.36	5.05	5.81	6.66	7.61	8.66
	Condensing	(°F)	112	114	117	120	124	129
115	Refrig. Capacity	(Btu/h)		5299	8601	12540	17148	22437
	Power Input	(W)		2146	2804	3504	4254	5063
	Amps	(A)		4.89	5.73	6.65	7.65	8.75
	Condensing	(°F)		127	130	133	136	140

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60HZ R-449A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	4932	8814	13379	18641	24587	31172
	Power Input	(W)	2272	3046	3837	4666	5556	6527
	Amps	(A)	5.04	5.99	7	8.08	9.24	10.5
	Condensing	(°F)	112	114	117	120	124	129
100	Refrig. Capacity	(Btu/h)	3585	7282	11609	16592	22235	28512
	Power Input	(W)	2050	2899	3756	4644	5583	6596
	Amps	(A)	4.78	5.81	6.89	8.04	9.26	10.6
	Condensing	(°F)	121	123	126	129	133	137
115	Refrig. Capacity	(Btu/h)		5077	9049	13622	18822	24658
	Power Input	(W)		2551	3526	4518	5548	6638
	Amps	(A)		5.41	6.62	7.88	9.2	10.6
	Condensing	(°F)		137	140	142	145	149

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