



tecumseh

TAGT4568ZHR-TZ

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

Condensing unit

3H86130213

HBP

R-452A / R-404A

Voltage Code : TZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ / 60HZ	10179 / 11825	34710 / 40324
R-404A	50HZ / 60HZ	10319 / 11957	35189 / 40773
R-448A	50HZ	9192	31345
R-449A	50HZ	9195	31357

(*) 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)	43 (109)

Mechanical

Fan Qty	2
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Electrical

Current RLA 50Hz (A)	12.28
Current RLA 60Hz (A)	15.4

Dimensions

Weight	104.4 kg (230 lb)
Length	615 mm (24.2 in)
Width	1060 mm (41.7 in)
Height	555 mm (21.9 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)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	24569	31201	38334	45901	53877	62362
	Power Input	(W)	3945	4498	5100	5776	6544	7422
	Amps	(A)	8.44	9.23	10.1	11	12.1	13.3
	Condensing	(°F)	105	108	113	118	124	129
100	Refrig. Capacity	(Btu/h)	21792	28046	34705	41722	49102	57001
	Power Input	(W)	3974	4579	5225	5938	6741	7652
	Amps	(A)	8.47	9.31	10.2	11.2	12.3	13.5
	Condensing	(°F)	113	117	121	126	131	136
115	Refrig. Capacity	(Btu/h)	17571	23259	29220	35450	42022	49251
	Power Input	(W)	3950	4660	5391	6177	7043	8010
	Amps	(A)	8.45	9.39	10.4	11.4	12.6	13.9
	Condensing	(°F)	126	129	133	137	141	146

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60HZ R-452A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	28363	36215	44486	52787	60822	68451
	Power Input	(W)	5192	5996	6835	7726	8684	9718
	Amps	(A)	10.4	11.5	12.6	13.9	15.3	16.8
	Condensing	(°F)	110	114	118	123	128	134
100	Refrig. Capacity	(Btu/h)	24992	32155	39766	47423	54847	61961
	Power Input	(W)	5164	6034	6924	7857	8849	9911
	Amps	(A)	10.4	11.5	12.7	14	15.5	17
	Condensing	(°F)	119	122	126	131	136	141
115	Refrig. Capacity	(Btu/h)	19791	25764	32274	38914	45473	52164
	Power Input	(W)	4987	5983	6972	7983	9039	10153
	Amps	(A)	10.3	11.5	12.8	14.2	15.7	17.3
	Condensing	(°F)	132	135	138	142	147	151



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Return gas temp. : 65 °F
Subcooling : 5 °F

50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	25508	31840	38639	45778	53118	60567
	Power Input	(W)	4138	4708	5321	5996	6754	7617
	Amps	(A)	8.77	9.57	10.4	11.4	12.4	13.6
	Condensing	(°F)	105	109	114	119	125	131
100	Refrig. Capacity	(Btu/h)	22641	28497	34720	41217	47898	54755
	Power Input	(W)	4175	4797	5454	6169	6961	7852
	Amps	(A)	8.81	9.66	10.6	11.6	12.7	13.8
	Condensing	(°F)	114	118	122	127	132	138
115	Refrig. Capacity	(Btu/h)	18341	23476	28840	34395	40148	46290
	Power Input	(W)	4171	4891	5635	6424	7279	8221
	Amps	(A)	8.82	9.76	10.8	11.8	13	14.2
	Condensing	(°F)	126	130	135	139	144	149

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60HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	29431	36878	44708	52477	59762	66221
	Power Input	(W)	5445	6271	7122	8013	8957	9966
	Amps	(A)	10.8	11.9	13.1	14.3	15.7	17.2
	Condensing	(°F)	111	115	119	124	130	135
100	Refrig. Capacity	(Btu/h)	25962	32591	39627	46644	53258	59221
	Power Input	(W)	5428	6315	7218	8152	9128	10162
	Amps	(A)	10.8	11.9	13.2	14.5	15.9	17.4
	Condensing	(°F)	119	123	128	132	137	143
115	Refrig. Capacity	(Btu/h)	20706	25940	31649	37457	43090	48596
	Power Input	(W)	5280	6277	7276	8288	9328	10409
	Amps	(A)	10.8	12	13.3	14.7	16.1	17.7
	Condensing	(°F)	133	136	140	145	149	154



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Return gas temp. : 65 °F
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50HZ R-448A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	21528	27881	34999	42872	51475	60799
	Power Input	(W)	3753	4312	4925	5612	6395	7300
	Amps	(A)	8.1	8.89	9.77	10.7	11.8	13
	Condensing	(°F)	109	113	118	123	128	134
100	Refrig. Capacity	(Btu/h)	19115	25094	31772	39160	47264	56115
	Power Input	(W)	3776	4392	5057	5791	6618	7561
	Amps	(A)	8.13	8.98	9.91	10.9	12.1	13.3
	Condensing	(°F)	117	121	126	131	136	141
115	Refrig. Capacity	(Btu/h)	15531	20960	26988	33663	41037	49213
	Power Input	(W)	3739	4462	5224	6047	6953	7964
	Amps	(A)	8.12	9.05	10.1	11.2	12.4	13.7
	Condensing	(°F)	130	134	138	143	147	152

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	21534	27890	35014	42895	51511	60859
	Power Input	(W)	3753	4312	4925	5612	6395	7300
	Amps	(A)	8.1	8.89	9.77	10.7	11.8	13
	Condensing	(°F)	109	113	118	123	128	134
100	Refrig. Capacity	(Btu/h)	19121	25103	31787	39183	47302	56179
	Power Input	(W)	3776	4392	5057	5791	6618	7561
	Amps	(A)	8.13	8.98	9.91	10.9	12.1	13.3
	Condensing	(°F)	117	121	126	131	136	141
115	Refrig. Capacity	(Btu/h)	15537	20970	27004	33688	41079	49287
	Power Input	(W)	3739	4462	5224	6047	6953	7964
	Amps	(A)	8.12	9.05	10.1	11.2	12.4	13.7
	Condensing	(°F)	130	134	138	143	147	152

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