

Condensing unit

3H87330234

LBP

R-452A / R-404A

Voltage Code : TZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ / 60HZ	5162 / 5855	17602 / 19965
R-404A	50HZ / 60HZ	5549 / 6285	18923 / 21431
R-448A	50HZ / 60HZ	4521 / 5163	15418 / 17605
R-449A	50HZ / 60HZ	4523 / 5165	15424 / 17614

(*) 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)	6.76
Current RLA 60Hz (A)	7.46

Dimensions

Weight	86 kg (190 lb)
Length	685 mm (27 in)
Width	591 mm (23.3 in)
Height	540 mm (21.3 in)



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TAGT2522ZBR-TZ

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)	5941	9268	13153	17602	22595	28121
	Power Input	(W)	1721	2191	2694	3251	3879	4590
	Amps	(A)	4.73	5.34	6.03	6.83	7.76	8.82
	Condensing	(°F)	99.7	101	104	107	112	118
100	Refrig. Capacity	(Btu/h)	4764	7895	11515	15643	20277	25425
	Power Input	(W)	1628	2132	2663	3243	3891	4620
	Amps	(A)	4.6	5.26	6	6.84	7.8	8.88
	Condensing	(°F)	109	110	112	116	120	125
115	Refrig. Capacity	(Btu/h)	3072	5902	9121	12775	16887	21498
	Power Input	(W)	1449	2009	2588	3208	3889	4647
	Amps	(A)	4.33	5.09	5.91	6.81	7.82	8.93
	Condensing	(°F)	123	123	125	128	131	136

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60HZ R-452A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	5782	10127	14836	19965	25552	31646
	Power Input	(W)	1957	2703	3421	4181	5037	6029
	Amps	(A)	4.33	5.18	6.11	7.15	8.32	9.65
	Condensing	(°F)	109	110	112	116	120	126
100	Refrig. Capacity	(Btu/h)	3938	8127	12616	17472	22746	28512
	Power Input	(W)	1669	2534	3331	4146	5039	6056
	Amps	(A)	4.02	4.97	5.97	7.06	8.28	9.65
	Condensing	(°F)	119	119	121	124	128	133
115	Refrig. Capacity	(Btu/h)	1060	4981	9125	13572	18405	23752
	Power Input	(W)	1023	2122	3085	4016	4992	6068
	Amps	(A)	3.4	4.49	5.62	6.81	8.12	9.55
	Condensing	(°F)	134	133	135	137	141	145



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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-404A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	6993	10406	14396	18923	23920	29311
	Power Input	(W)	1887	2374	2900	3478	4124	4850
	Amps	(A)	5.12	5.74	6.46	7.29	8.25	9.33
	Condensing	(°F)	96.3	98.7	102	106	111	117
100	Refrig. Capacity	(Btu/h)	5730	8924	12618	16790	21394	26372
	Power Input	(W)	1813	2326	2876	3477	4145	4891
	Amps	(A)	5.03	5.68	6.43	7.29	8.27	9.37
	Condensing	(°F)	106	108	111	115	119	124
115	Refrig. Capacity	(Btu/h)	3861	6742	10006	13664	17700	22094
	Power Input	(W)	1660	2221	2813	3454	4158	4939
	Amps	(A)	4.82	5.54	6.34	7.25	8.27	9.4
	Condensing	(°F)	120	122	124	127	131	136

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60HZ R-404A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	7046	11434	16235	21431	26978	32823
	Power Input	(W)	2208	2955	3697	4488	5371	6383
	Amps	(A)	4.74	5.59	6.55	7.63	8.83	10.2
	Condensing	(°F)	106	108	111	115	119	125
100	Refrig. Capacity	(Btu/h)	5076	9286	13839	18727	23926	29407
	Power Input	(W)	1955	2805	3621	4465	5384	6420
	Amps	(A)	4.47	5.41	6.43	7.56	8.81	10.2
	Condensing	(°F)	115	117	120	124	128	133
115	Refrig. Capacity	(Btu/h)	2047	5962	10130	14567	19280	24295
	Power Input	(W)	1368	2425	3396	4353	5354	6448
	Amps	(A)	3.9	4.97	6.11	7.34	8.67	10.1
	Condensing	(°F)	131	132	134	137	140	145



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TAGT2522ZBR-TZ

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-448A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	4452	7356	10993	15418	20645	26648
	Power Input	(W)	1586	2051	2552	3098	3703	4380
	Amps	(A)	4.42	5.04	5.75	6.54	7.44	8.45
	Condensing	(°F)	102	105	108	111	115	120
100	Refrig. Capacity	(Btu/h)	3543	6245	9619	13737	18634	24307
	Power Input	(W)	1506	2000	2527	3098	3726	4423
	Amps	(A)	4.31	4.99	5.74	6.57	7.5	8.53
	Condensing	(°F)	111	114	116	119	123	127
115	Refrig. Capacity	(Btu/h)		4697	7712	11401	15829	21028
	Power Input	(W)		1882	2457	3073	3740	4473
	Amps	(A)		4.83	5.66	6.56	7.54	8.62
	Condensing	(°F)		127	129	132	135	139

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60HZ R-448A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	4163	7891	12358	17605	23644	30459
	Power Input	(W)	1765	2510	3239	3996	4825	5765
	Amps	(A)	4.02	4.88	5.82	6.85	7.99	9.25
	Condensing	(°F)	111	114	116	119	123	128
100	Refrig. Capacity	(Btu/h)	2746	6272	10506	15500	21278	27843
	Power Input	(W)	1477	2331	3145	3965	4838	5806
	Amps	(A)	3.72	4.66	5.67	6.77	7.96	9.27
	Condensing	(°F)	121	123	125	128	132	136
115	Refrig. Capacity	(Btu/h)		3963	7846	12462	17862	24072
	Power Input	(W)		1890	2872	3824	4794	5831
	Amps	(A)		4.18	5.31	6.51	7.8	9.18
	Condensing	(°F)		137	139	142	144	148

* 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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TAGT2522ZBR-TZ

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-449A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	4454	7359	10998	15424	20655	26662
	Power Input	(W)	1586	2051	2552	3098	3703	4380
	Amps	(A)	4.42	5.04	5.75	6.54	7.44	8.45
	Condensing	(°F)	102	105	108	111	115	120
100	Refrig. Capacity	(Btu/h)	3545	6248	9624	13744	18644	24322
	Power Input	(W)	1506	2000	2527	3098	3726	4423
	Amps	(A)	4.31	4.99	5.74	6.57	7.5	8.53
	Condensing	(°F)	111	114	116	119	123	127
115	Refrig. Capacity	(Btu/h)		4699	7717	11409	15841	21046
	Power Input	(W)		1882	2457	3073	3740	4473
	Amps	(A)		4.83	5.66	6.56	7.54	8.62
	Condensing	(°F)		127	129	132	135	139

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60HZ R-449A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	4165	7894	12364	17614	23657	30479
	Power Input	(W)	1765	2510	3239	3996	4825	5765
	Amps	(A)	4.02	4.88	5.82	6.85	7.99	9.25
	Condensing	(°F)	111	114	116	119	123	128
100	Refrig. Capacity	(Btu/h)	2747	6275	10512	15509	21293	27864
	Power Input	(W)	1477	2331	3145	3965	4838	5806
	Amps	(A)	3.72	4.66	5.67	6.77	7.96	9.27
	Condensing	(°F)	121	123	125	128	132	136
115	Refrig. Capacity	(Btu/h)		3966	7852	12474	17879	24099
	Power Input	(W)		1890	2872	3824	4794	5831
	Amps	(A)		4.18	5.31	6.51	7.8	9.18
	Condensing	(°F)		137	139	142	144	148

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