



tecumseh

TAGDT2532ZBR-TZ

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

Condensing unit

3H95130218

LBP

R-452A / R-404A

Voltage Code : TZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ / 60HZ	8216 / 9010	28017 / 30725
R-404A	50HZ / 60HZ	8827 / 9665	30099 / 32959
R-448A	50HZ / 60HZ	7029 / 7756	23970 / 26446
R-449A	50HZ / 60HZ	7031 / 7758	23977 / 26456

(*) 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	2
---------	---

Electrical

Current RLA 50Hz (A)	11
Current RLA 60Hz (A)	10.1

Dimensions

Weight	156 kg (344 lb)
Length	1060 mm (41.7 in)
Width	645 mm (25.4 in)
Height	589 mm (23.2 in)

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



tecumseh

TAGDT2532ZBR-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)	8482	14109	20647	28017	36104	44825
	Power Input	(W)	2942	3733	4571	5486	6503	7640
	Amps	(A)	8.36	9.14	10.1	11.4	12.7	14.3
	Condensing	(°F)	99.6	101	104	108	113	119
100	Refrig. Capacity	(Btu/h)	6529	11792	17863	24677	32137	40180
	Power Input	(W)	2786	3631	4512	5462	6507	7666
	Amps	(A)	8.19	9.03	10.1	11.3	12.8	14.3
	Condensing	(°F)	109	110	112	116	121	126
115	Refrig. Capacity	(Btu/h)	3802	8453	13789	19759	26288	33349
	Power Input	(W)	2481	3414	4367	5374	6465	7660
	Amps	(A)	7.85	8.78	9.91	11.2	12.7	14.2
	Condensing	(°F)	123	123	125	128	132	137

© 2025 Tecumseh Products Company

60HZ R-452A

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	7937	14832	22443	30725	39621	49121
	Power Input	(W)	3092	4149	5203	6321	7552	8933
	Amps	(A)	8.05	9.18	10.3	11.6	13.1	14.8
	Condensing	(°F)	109	110	113	116	121	127
100	Refrig. Capacity	(Btu/h)	5198	11747	18926	26693	35002	43866
	Power Input	(W)	2652	3839	4992	6187	7480	8914
	Amps	(A)	7.57	8.83	10.1	11.5	13	14.8
	Condensing	(°F)	119	119	121	125	129	134
115	Refrig. Capacity	(Btu/h)	1137	7101	13583	20550	27981	35944
	Power Input	(W)	1756	3183	4520	5858	7266	8796
	Amps	(A)	6.59	8.1	9.56	11.1	12.8	14.6
	Condensing	(°F)	133	133	135	137	141	145



tecumseh

TAGDT2532ZBR-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-404A

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	10439	16092	22690	30099	38153	46680
	Power Input (W)	3210	4021	4895	5848	6897	8060
	Amps (A)	9.15	9.83	10.8	12.1	13.7	15.7
	Condensing (°F)	94.6	98	102	107	112	118
100	Refrig. Capacity (Btu/h)	8487	13714	19761	26516	33841	41600
	Power Input (W)	3099	3944	4850	5834	6913	8103
	Amps (A)	8.94	9.72	10.8	12.2	13.8	15.9
	Condensing (°F)	103	107	111	115	120	126
115	Refrig. Capacity (Btu/h)	5684	10270	15491	21270	27511	34139
	Power Input (W)	2875	3773	4731	5766	6892	8127
	Amps (A)	8.61	9.53	10.7	12.2	14	16.2
	Condensing (°F)	116	119	123	127	132	137

© 2025 Tecumseh Products Company

60HZ R-404A

Ambient	Evaporating (°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity (Btu/h)	10282	17060	24668	32959	41759	50901
	Power Input (W)	3490	4516	5592	6751	8022	9432
	Amps (A)	8.66	9.75	10.9	12.3	13.8	15.5
	Condensing (°F)	104	107	111	115	120	126
100	Refrig. Capacity (Btu/h)	7500	13869	20954	28621	36724	45135
	Power Input (W)	3131	4246	5401	6630	7963	9427
	Amps (A)	8.28	9.46	10.7	12.1	13.7	15.5
	Condensing (°F)	113	116	120	124	129	134
115	Refrig. Capacity (Btu/h)	3481	9184	15440	22145	29196	36544
	Power Input (W)	2404	3675	4968	6320	7763	9324
	Amps (A)	7.51	8.84	10.2	11.8	13.5	15.4
	Condensing (°F)	127	129	133	137	141	146



tecumseh

TAGDT2532ZBR-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)	6263	10932	16830	23970	32297	41678
	Power Input	(W)	2721	3496	4329	5233	6221	7310
	Amps	(A)	7.89	8.7	9.72	10.9	12.3	13.7
	Condensing	(°F)	102	105	109	113	117	122
100	Refrig. Capacity	(Btu/h)	4905	9179	14584	21152	28854	37591
	Power Input	(W)	2599	3410	4278	5215	6234	7351
	Amps	(A)	7.78	8.62	9.68	10.9	12.3	13.8
	Condensing	(°F)	111	114	117	121	125	130
115	Refrig. Capacity	(Btu/h)		6732	11427	17165	23957	31751
	Power Input	(W)		3217	4143	5135	6206	7371
	Amps	(A)		8.4	9.51	10.8	12.2	13.7
	Condensing	(°F)		126	129	133	137	141

© 2025 Tecumseh Products Company

60HZ R-448A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	5625	11243	18195	26446	35911	46451
	Power Input	(W)	2811	3826	4887	6013	7229	8561
	Amps	(A)	7.6	8.71	9.89	11.2	12.6	14.3
	Condensing	(°F)	112	114	118	121	126	130
100	Refrig. Capacity	(Btu/h)	3699	8903	15378	23105	32018	42005
	Power Input	(W)	2422	3527	4672	5874	7157	8547
	Amps	(A)	7.18	8.38	9.65	11	12.6	14.3
	Condensing	(°F)	120	123	126	130	134	138
115	Refrig. Capacity	(Btu/h)		5608	11372	18319	26415	35590
	Power Input	(W)		2901	4191	5527	6931	8425
	Amps	(A)		7.68	9.11	10.6	12.3	14.1
	Condensing	(°F)		136	139	142	146	150

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



tecumseh

TAGDT2532ZBR-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)	6264	10934	16834	23977	32308	41695
	Power Input	(W)	2721	3496	4329	5233	6221	7310
	Amps	(A)	7.89	8.7	9.72	10.9	12.3	13.7
	Condensing	(°F)	102	105	109	113	117	122
100	Refrig. Capacity	(Btu/h)	4906	9181	14588	21159	28866	37609
	Power Input	(W)	2599	3410	4278	5215	6234	7351
	Amps	(A)	7.78	8.62	9.68	10.9	12.3	13.8
	Condensing	(°F)	111	114	117	121	125	130
115	Refrig. Capacity	(Btu/h)		6735	11431	17172	23969	31770
	Power Input	(W)		3217	4143	5135	6206	7371
	Amps	(A)		8.4	9.51	10.8	12.2	13.7
	Condensing	(°F)		126	129	133	137	141

© 2025 Tecumseh Products Company

60HZ R-449A*

Ambient	Evaporating	(°F)	-40	-30	-20	-10	0	10
90	Refrig. Capacity	(Btu/h)	5626	11246	18201	26456	35926	46475
	Power Input	(W)	2811	3826	4887	6013	7229	8561
	Amps	(A)	7.6	8.71	9.89	11.2	12.6	14.3
	Condensing	(°F)	112	114	118	121	126	130
100	Refrig. Capacity	(Btu/h)	3700	8906	15384	23114	32033	42030
	Power Input	(W)	2422	3527	4672	5874	7157	8547
	Amps	(A)	7.18	8.38	9.65	11	12.6	14.3
	Condensing	(°F)	120	123	126	130	134	138
115	Refrig. Capacity	(Btu/h)		5610	11378	18329	26432	35620
	Power Input	(W)		2901	4191	5527	6931	8425
	Amps	(A)		7.68	9.11	10.6	12.3	14.1
	Condensing	(°F)		136	139	142	146	150

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