



tecumseh

AET4460ZHR-FZ

220 - 240V 1~ 50 Hz

Condensing unit

3B40430202

HBP

R-452A / R-404A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	1034	3525
R-404A	50HZ	1073	3658
R-448A	50HZ	955	3256
R-449A	50HZ	955	3257

(*) 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	1
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Electrical

Current RLA 50Hz (A)	4.9
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Dimensions

Weight	25 kg (55 lb)
Length	496 mm (19.5 in)
Width	433 mm (17 in)
Height	338 mm (13.3 in)
Ø Suction Tube	3/8 in (9.52mm)
Ø Discharge Tube	1/4 in (6.35mm)

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)	2608	3203	3863	4589	5375	6218
	Power Input	(W)	535	583	634	691	753	821
	Amps	(A)	3.74	3.93	4.13	4.34	4.58	4.83
	Condensing	(°F)	105	108	111	115	119	123
100	Refrig. Capacity	(Btu/h)	2353	2899	3500	4156	4864	5623
	Power Input	(W)	554	605	661	722	789	863
	Amps	(A)	3.78	3.99	4.22	4.47	4.73	5
	Condensing	(°F)	115	117	120	124	127	131
115	Refrig. Capacity	(Btu/h)	1955	2428	2939	3490	4082	4716
	Power Input	(W)	585	642	704	772	846	928
	Amps	(A)	3.84	4.1	4.37	4.65	4.95	5.26
	Condensing	(°F)	129	131	134	137	140	143

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	2752	3342	3990	4693	5445	6239
	Power Input	(W)	557	604	654	710	769	835
	Amps	(A)	3.9	4.08	4.27	4.47	4.69	4.92
	Condensing	(°F)	104	107	110	114	118	122
100	Refrig. Capacity	(Btu/h)	2484	3023	3608	4238	4909	5616
	Power Input	(W)	578	628	683	742	807	877
	Amps	(A)	3.95	4.16	4.37	4.6	4.84	5.09
	Condensing	(°F)	114	116	119	123	126	130
115	Refrig. Capacity	(Btu/h)	2070	2532	3023	3545	4097	4677
	Power Input	(W)	612	668	728	794	865	943
	Amps	(A)	4.03	4.28	4.53	4.8	5.07	5.36
	Condensing	(°F)	128	130	133	136	139	142



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220 - 240V 1~ 50 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)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	2324	2926	3606	4368	5214	6141
	Power Input	(W)	515	561	612	669	731	799
	Amps	(A)	3.56	3.76	3.96	4.19	4.43	4.69
	Condensing	(°F)	109	112	115	118	122	125
100	Refrig. Capacity	(Btu/h)	2104	2665	3296	4001	4783	5643
	Power Input	(W)	534	585	640	702	769	843
	Amps	(A)	3.61	3.83	4.07	4.32	4.59	4.88
	Condensing	(°F)	118	121	123	126	130	134
115	Refrig. Capacity	(Btu/h)	1772	2274	2831	3451	4140	4900
	Power Input	(W)	565	622	685	754	830	913
	Amps	(A)	3.68	3.95	4.23	4.53	4.84	5.16
	Condensing	(°F)	132	134	137	139	142	145

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	2325	2927	3607	4370	5216	6144
	Power Input	(W)	515	561	612	669	731	799
	Amps	(A)	3.56	3.76	3.96	4.19	4.43	4.69
	Condensing	(°F)	109	112	115	118	122	125
100	Refrig. Capacity	(Btu/h)	2105	2666	3297	4003	4786	5646
	Power Input	(W)	534	585	640	702	769	843
	Amps	(A)	3.61	3.83	4.07	4.32	4.59	4.88
	Condensing	(°F)	118	121	123	126	130	134
115	Refrig. Capacity	(Btu/h)	1773	2275	2832	3453	4143	4904
	Power Input	(W)	565	622	685	754	830	913
	Amps	(A)	3.68	3.95	4.23	4.53	4.84	5.16
	Condensing	(°F)	132	134	137	139	142	145

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