



tecumseh

AET4470ZHR-FZ

220 - 240V 1~ 50 Hz

Condensing unit

HB40530218

HBP

R-452A / R-404A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-452A	50HZ	1201	4096
R-404A	50HZ	1243	4237
R-448A	50HZ	1117	3809
R-449A	50HZ	1117	3810

(*) 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)	46 (115)

Mechanical

Fan Qty	1
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Electrical

Current RLA 50Hz (A)	4.5
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Dimensions

Weight	27 kg (60 lb)
Length	501 mm (19.7 in)
Width	433 mm (17 in)
Height	338 mm (13.3 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)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	3042	3730	4476	5281	6151	7097
	Power Input	(W)	626	678	732	790	851	917
	Amps	(A)	3.08	3.33	3.58	3.85	4.13	4.42
	Condensing	(°F)	106	109	113	117	121	124
100	Refrig. Capacity	(Btu/h)	2787	3428	4113	4844	5627	6474
	Power Input	(W)	640	697	756	819	885	955
	Amps	(A)	3.15	3.41	3.69	3.98	4.27	4.58
	Condensing	(°F)	115	118	121	125	128	132
115	Refrig. Capacity	(Btu/h)	2396	2966	3559	4180	4837	5545
	Power Input	(W)	657	723	790	860	934	1013
	Amps	(A)	3.23	3.53	3.84	4.16	4.49	4.83
	Condensing	(°F)	127	130	133	136	140	143

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50HZ R-404A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	3209	3881	4607	5383	6210	7084
	Power Input	(W)	654	705	758	813	871	932
	Amps	(A)	3.21	3.45	3.7	3.95	4.22	4.49
	Condensing	(°F)	105	109	112	116	120	124
100	Refrig. Capacity	(Btu/h)	2938	3556	4212	4905	5636	6404
	Power Input	(W)	670	726	783	843	905	971
	Amps	(A)	3.28	3.55	3.81	4.09	4.37	4.66
	Condensing	(°F)	114	117	121	124	128	132
115	Refrig. Capacity	(Btu/h)	2526	3060	3610	4179	4768	5381
	Power Input	(W)	690	755	820	887	957	1030
	Amps	(A)	3.38	3.68	3.98	4.28	4.59	4.91
	Condensing	(°F)	127	130	133	137	140	144



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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)	2735	3433	4205	5055	5987	6999
	Power Input	(W)	599	650	704	762	824	892
	Amps	(A)	2.96	3.2	3.45	3.72	4	4.3
	Condensing	(°F)	109	112	116	119	123	128
100	Refrig. Capacity	(Btu/h)	2519	3175	3895	4683	5542	6475
	Power Input	(W)	612	669	728	792	859	932
	Amps	(A)	3.02	3.28	3.56	3.85	4.16	4.48
	Condensing	(°F)	117	121	124	127	131	135
115	Refrig. Capacity	(Btu/h)	2199	2794	3435	4129	4881	5696
	Power Input	(W)	629	695	763	835	912	994
	Amps	(A)	3.1	3.4	3.72	4.04	4.38	4.74
	Condensing	(°F)	130	133	136	139	143	147

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50HZ R-449A*

Ambient	Evaporating	(°F)	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	2735	3434	4206	5057	5989	7002
	Power Input	(W)	599	650	704	762	824	892
	Amps	(A)	2.96	3.2	3.45	3.72	4	4.3
	Condensing	(°F)	109	112	116	119	123	128
100	Refrig. Capacity	(Btu/h)	2519	3176	3896	4685	5545	6479
	Power Input	(W)	612	669	728	792	859	932
	Amps	(A)	3.02	3.28	3.56	3.85	4.16	4.48
	Condensing	(°F)	117	121	124	127	131	135
115	Refrig. Capacity	(Btu/h)	2200	2795	3436	4131	4885	5701
	Power Input	(W)	629	695	763	835	912	994
	Amps	(A)	3.1	3.4	3.72	4.04	4.38	4.74
	Condensing	(°F)	130	133	136	139	143	147

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