



tecumseh

AE4440YHR-FZ

220 - 240V 1~ 50 Hz

Condensing unit

4B11030240

HBP

R-134a / R-513A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-134a	50HZ	582	1986
R-513A	50HZ	613	2089

(*) 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)	32 (90)

Mechanical

Fan Qty	1
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Electrical

Current RLA 50Hz (A)	2.8
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Dimensions

Weight	19 kg (42 lb)
Length	404 mm (15.9 in)
Width	322 mm (12.7 in)
Height	257 mm (10.1 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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AE4440YHR-FZ

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-134a

Ambient	Evaporating	(°F)	5	15	25	35	45	55
75	Refrig. Capacity	(Btu/h)	1575	1978	2431	2928	3460	4014
	Power Input	(W)	290	323	361	405	455	514
	Amps	(A)	2.2	2.26	2.36	2.49	2.66	2.89
	Condensing	(°F)	96.6	102	107	114	120	128
90	Refrig. Capacity	(Btu/h)	1423	1788	2194	2636	3106	3592
	Power Input	(W)	300	337	379	428	485	551
	Amps	(A)	2.18	2.28	2.4	2.56	2.77	3.02
	Condensing	(°F)	110	115	120	126	133	140
110	Refrig. Capacity	(Btu/h)	1220	1535	1880	2250	2638	3035
	Power Input	(W)	317	359	407	463	528	603
	Amps	(A)	2.22	2.34	2.51	2.7	2.94	3.23
	Condensing	(°F)	128	132	137	143	149	156

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50HZ R-513A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
75	Refrig. Capacity	(Btu/h)	1733	2129	2564	3030	3518	4015
	Power Input	(W)	311	343	380	424	476	540
	Amps	(A)	2.36	2.39	2.47	2.6	2.79	3.03
	Condensing	(°F)	96.6	102	107	114	120	128
90	Refrig. Capacity	(Btu/h)	1543	1899	2286	2697	3122	3549
	Power Input	(W)	320	356	398	447	505	575
	Amps	(A)	2.33	2.4	2.52	2.67	2.88	3.15
	Condensing	(°F)	110	115	120	126	133	140
110	Refrig. Capacity	(Btu/h)	1297	1597	1917	2251	2590	2925
	Power Input	(W)	334	376	425	482	549	629
	Amps	(A)	2.34	2.46	2.62	2.82	3.07	3.37
	Condensing	(°F)	128	132	137	143	149	156