

Condensing unit

HB41030218

HBP

R-134a / R-513A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-134a	50HZ	611	2083
R-513A	50HZ	647	2205

(*) 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)	2.9
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Dimensions

Weight	24 kg (53 lb)
Length	501 mm (19.7 in)
Width	346 mm (13.6 in)
Height	298 mm (11.7 in)
Ø Suction Tube	3/8 in (9.52mm)
Ø Discharge Tube	1/4 in (6.35mm)



tecumseh

AET4440YHR-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
90	Refrig. Capacity	(Btu/h)	1471	1865	2315	2820	3376	3980
	Power Input	(W)	328	362	401	444	493	548
	Amps	(A)	2.41	2.5	2.6	2.74	2.92	3.13
	Condensing	(°F)	106	109	114	118	123	129
100	Refrig. Capacity	(Btu/h)	1360	1727	2143	2608	3121	3676
	Power Input	(W)	336	373	414	461	514	574
	Amps	(A)	2.42	2.52	2.64	2.8	2.99	3.22
	Condensing	(°F)	116	119	123	127	132	138
115	Refrig. Capacity	(Btu/h)	1194	1520	1886	2293	2740	3223
	Power Input	(W)	351	391	437	489	548	615
	Amps	(A)	2.46	2.58	2.73	2.91	3.13	3.38
	Condensing	(°F)	130	133	137	141	146	151

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50HZ R-513A

Ambient	Evaporating	(°F)	-15	-5	5	15	25	35	45	55
90	Refrig. Capacity	(Btu/h)	958	1258	1603	1993	2428	2907	3425	3977
	Power Input	(W)	291	318	348	381	419	463	514	573
	Amps	(A)	2.52	2.53	2.56	2.63	2.72	2.86	3.03	3.26
	Condensing	(°F)	99.7	102	106	109	114	118	123	129
100	Refrig. Capacity	(Btu/h)	863	1145	1465	1825	2226	2665	3139	3642
	Power Input	(W)	294	323	355	391	433	480	535	599
	Amps	(A)	2.46	2.5	2.56	2.64	2.76	2.91	3.11	3.35
	Condensing	(°F)	110	112	116	119	123	127	132	138
115	Refrig. Capacity	(Btu/h)		988	1267	1579	1924	2301	2706	3135
	Power Input	(W)		331	368	409	455	509	570	640
	Amps	(A)		2.47	2.57	2.7	2.85	3.03	3.25	3.51
	Condensing	(°F)		128	130	133	137	141	146	151