



tecumseh

AE4430YHR-FZ

220 - 240V 1~ 50 Hz

Condensing unit

4B10930202

HBP

R-134a / R-513A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-134a	50HZ	467	1594
R-513A	50HZ	495	1687

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

Electrical

Current RLA 50Hz (A)	2.4
----------------------	-----

Dimensions

Weight	18 kg (40 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.



tecumseh

AE4430YHR-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)	1220	1574	1981	2436	2931	3457
	Power Input	(W)	232	253	276	301	329	362
	Amps	(A)	1.96	2	2.06	2.13	2.21	2.32
	Condensing	(°F)	91.4	95.5	100	106	112	118
90	Refrig. Capacity	(Btu/h)	1094	1416	1782	2189	2629	3094
	Power Input	(W)	241	265	292	321	355	392
	Amps	(A)	1.98	2.03	2.1	2.19	2.29	2.4
	Condensing	(°F)	105	109	114	119	124	131
110	Refrig. Capacity	(Btu/h)	927	1202	1512	1854	2221	2605
	Power Input	(W)	251	280	311	346	386	430
	Amps	(A)	1.99	2.07	2.16	2.26	2.38	2.51
	Condensing	(°F)	124	127	131	136	141	148

© 2025 Tecumseh Products Company

50HZ R-513A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
75	Refrig. Capacity	(Btu/h)	1348	1702	2098	2531	2994	3476
	Power Input	(W)	248	268	290	316	346	382
	Amps	(A)	2.1	2.13	2.17	2.23	2.32	2.44
	Condensing	(°F)	91.4	95.5	100	106	112	118
90	Refrig. Capacity	(Btu/h)	1194	1514	1870	2256	2665	3086
	Power Input	(W)	257	280	306	336	370	411
	Amps	(A)	2.11	2.15	2.21	2.28	2.39	2.52
	Condensing	(°F)	105	109	114	119	124	131
110	Refrig. Capacity	(Btu/h)	989	1258	1555	1875	2209	2548
	Power Input	(W)	266	294	325	361	401	449
	Amps	(A)	2.11	2.18	2.26	2.36	2.48	2.62
	Condensing	(°F)	124	127	131	136	141	148