

Condensing unit

GB41230218

HBP

R-134a / R-513A

Voltage Code : FZ

Refrigerant	Frequency	Nominal Cooling Capacity (*)	
		Watts	BTU/h
R-134a	50HZ	862	2940
R-513A	50HZ	910	3102

(*) 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)	4.1
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Dimensions

Weight	26 kg (57 lb)
Length	501 mm (19.7 in)
Width	346 mm (13.6 in)
Height	298 mm (11.7 in)



tecumseh

AE4456YHR-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)	2335	2933	3603	4342	5141	5992
	Power Input	(W)	414	461	515	577	648	732
	Amps	(A)	3.1	3.23	3.41	3.64	3.93	4.28
	Condensing	(°F)	93.8	98.2	103	109	114	121
90	Refrig. Capacity	(Btu/h)	2098	2645	3249	3908	4615	5362
	Power Input	(W)	436	490	550	617	695	786
	Amps	(A)	3.14	3.31	3.53	3.79	4.12	4.5
	Condensing	(°F)	108	112	117	122	127	134
110	Refrig. Capacity	(Btu/h)	1782	2258	2773	3325	3910	4520
	Power Input	(W)	461	526	596	674	763	864
	Amps	(A)	3.21	3.43	3.7	4.01	4.38	4.81
	Condensing	(°F)	126	130	135	140	145	151

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50HZ R-513A

Ambient	Evaporating	(°F)	5	15	25	35	45	55
75	Refrig. Capacity	(Btu/h)	2575	3164	3810	4507	5250	6027
	Power Input	(W)	442	488	541	603	678	769
	Amps	(A)	3.31	3.42	3.58	3.81	4.11	4.49
	Condensing	(°F)	93.8	98.2	103	109	114	121
90	Refrig. Capacity	(Btu/h)	2281	2818	3397	4016	4666	5339
	Power Input	(W)	464	516	575	644	725	821
	Amps	(A)	3.34	3.49	3.69	3.96	4.29	4.7
	Condensing	(°F)	108	112	117	122	127	134
110	Refrig. Capacity	(Btu/h)	1897	2354	2838	3344	3867	4398
	Power Input	(W)	485	551	622	702	793	900
	Amps	(A)	3.38	3.6	3.86	4.18	4.56	5.01
	Condensing	(°F)	126	130	135	140	145	151