

Condensing unit

Voltage Code : FZ

High Temp. Commercial (HP)

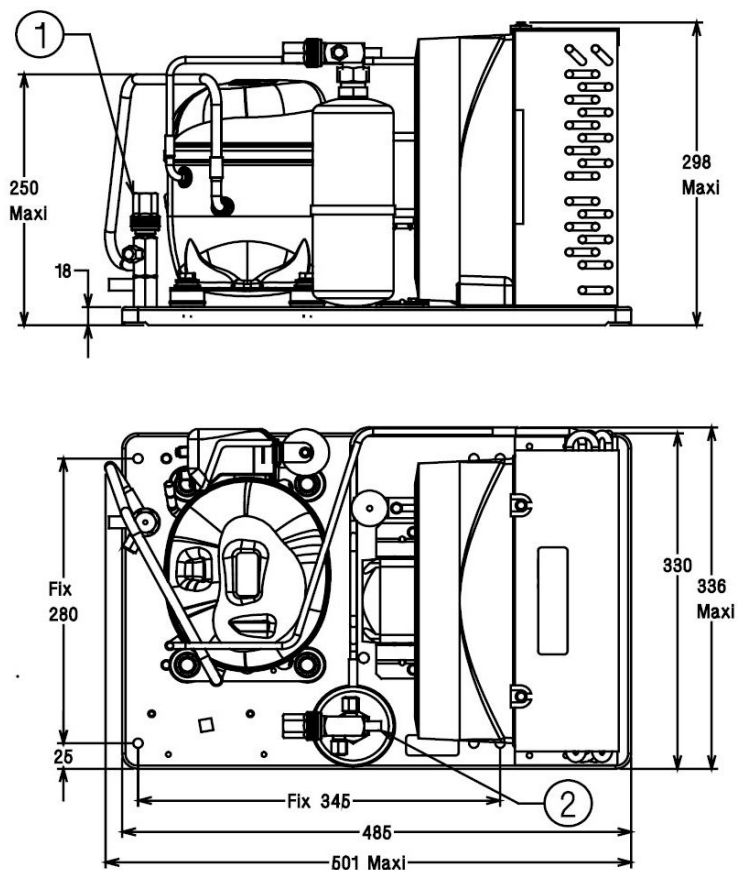
AE4456YHR-FZ

220 - 240V 1~ 50 Hz

R134a / R513A

AE4456YHR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R134a	50 Hz	767	2616	69 dBA
EN13215 / R513A	50 Hz	821	2800	69 dBA



* EN13215 : T°Ambient 32.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 3.0K

Net Weight (Kg)	25.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	500
Compo Data Sheet	213SS-FZ
Elec Comp Type	CSIR
Current (Amp)	
Load Rated Amp	4
Max Cont Current	6.2
Lock Rotor Amp	18.2
Fan	
Speed (rpm)	1300 / 1550
Power (W)	16.0
Diameter (mm)	250
Protection	Overload
IP Level	IP42
Condenser	250/2300
Liquid Receiver	
Capacity (L)	0.75
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Vanne de Socle
For Tubing Out Diam	9.5 (3/8")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Vanne de Socle
For Tubing Out Diam	6.35 (1/4")
Liquid Connection Type	Brased
Connection Type	VR
Fan Guard	maille < à 8mm

Note : Tecumseh reserves the right to change information contained in this document without notification.

AE4456YHR-FZ	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les conditions EN13215 :	Gaz aspirés : 20.0 °C
Condition Dew	Sous refroidissement : 3.0 K
The performance data are in EN13215 conditions :	Return gas : 20.0 °C
Dew Condition	Subcooling : 3.0 K

50 Hz R134a											
											N°6647
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	418	541	680	837	1010	1200	1405	1622	1851
	2 P absorbée	(W)	339	377	417	460	508	562	624	695	776
	3 I absorbée	(A)	2.96	3.02	3.10	3.23	3.39	3.59	3.83	4.12	4.47
	4 Tc	(°C)	31.5	33.3	35.4	37.6	40.0	42.6	45.4	48.4	51.6
32	1 P frigorifique	(Watt)		491	622	767	926	1099	1284	1481	1686
	2 P absorbée	(W)		390	435	483	536	595	662	738	825
	3 I absorbée	(A)		3.02	3.14	3.29	3.48	3.71	3.98	4.29	4.66
	4 Tc	(°C)		40.0	41.9	44.0	46.3	48.8	51.6	54.5	57.6
43	1 P frigorifique	(Watt)			530	657	794	940	1095		
	2 P absorbée	(W)			460	518	580	648	724		
	3 I absorbée	(A)			3.20	3.40	3.64	3.91	4.22		
	4 Tc	(°C)			52.1	54.1	56.3	58.7	61.3		

50 Hz R513A											
											N°7122
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	481	609	750	905	1073	1254	1446	1647	1856
	2 P absorbée	(W)	369	406	445	487	534	588	652	728	817
	3 I absorbée	(A)	3.24	3.26	3.32	3.41	3.55	3.75	4.00	4.31	4.69
	4 Tc	(°C)	31.5	33.3	35.4	37.6	40.0	42.6	45.4	48.4	51.6
32	1 P frigorifique	(Watt)	423	545	678	821	975	1139	1312	1491	1676
	2 P absorbée	(W)	374	419	463	510	562	621	689	769	863
	3 I absorbée	(A)	3.17	3.24	3.34	3.47	3.64	3.87	4.14	4.48	4.88
	4 Tc	(°C)	38.2	40.0	41.9	44.0	46.3	48.8	51.6	54.5	57.6
43	1 P frigorifique	(Watt)			566	689	819	955	1096		
	2 P absorbée	(W)			485	543	606	675	753		
	3 I absorbée	(A)			3.38	3.57	3.80	4.07	4.39		
	4 Tc	(°C)			52.1	54.1	56.3	58.7	61.3		

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.

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