



Tecumseh

Condensing unit
Voltage Code : FZ

AE4450YHR-FZ

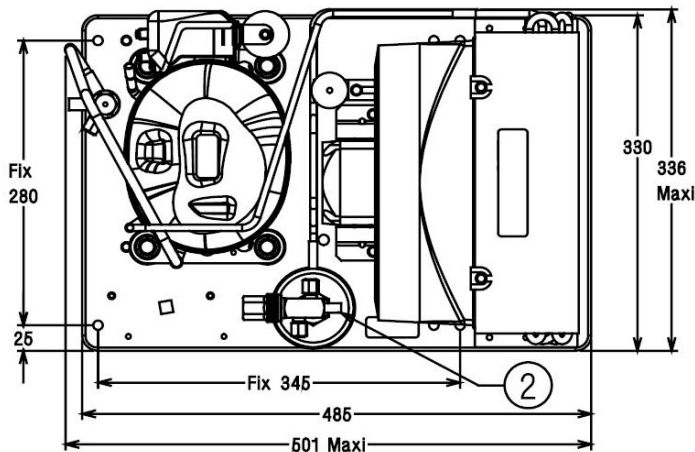
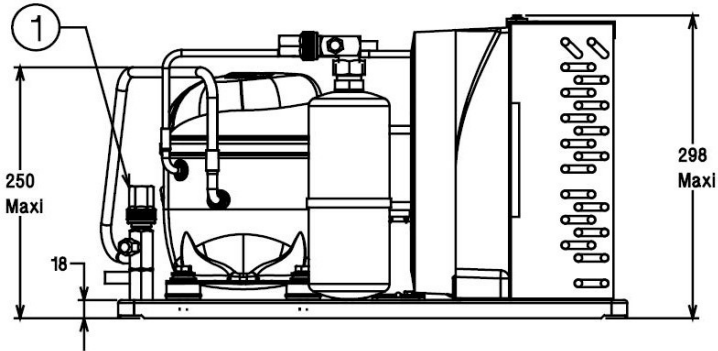
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R134a / R513A

AE4450YHR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R134a	50 Hz	692	2361	69 dBA
EN13215 / R513A	50 Hz	740	2524	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)	19.3
Expansion device	Expansion_Valve
Air Flow (m³/h)	500
Compo Data Sheet	21BNS-FZ
Elec Comp Type	CSIR
Current (Amp)	
Load Rated Amp	3.5
Max Cont Current	5
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 Orientable
For Tubing Out Diam	6.35 (1/4")
Liquid Connecton Type	Brased
Connection Type	VR
Fan Guard	maille < à 8mm

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



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AE4450YHR-FZ	Tension FZ : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les **conditions EN13215** :
 Condition Dew
 The performance data are in **EN13215 conditions** :
 Dew Condition

Gaz aspirés : 20.0 °C
 Sous refroidissement : 3.0 K
 Return gas : 20.0 °C
 Subcooling : 3.0 K

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50 Hz R134a

N°6646

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	381	491	617	757	913	1081	1262	1453	1650
	2 P absorbée	(W)	303	338	375	414	457	505	561	624	697
	3 I absorbée	(A)	2.60	2.68	2.78	2.90	3.06	3.24	3.46	3.71	4.01
	4 Tc	(°C)	32.1	34.0	36.2	38.6	41.3	44.2	47.4	50.8	54.4
32	1 P frigorifique	(Watt)		444	562	692	835	990	1155	1328	1506
	2 P absorbée	(W)		345	387	431	478	531	590	658	735
	3 I absorbée	(A)		2.68	2.80	2.95	3.13	3.33	3.57	3.84	4.15
	4 Tc	(°C)		40.4	42.5	44.8	47.4	50.1	53.2	56.4	59.9
43	1 P frigorifique	(Watt)			476	591	715	847	987		
	2 P absorbée	(W)			399	452	509	570	637		
	3 I absorbée	(A)			2.84	3.03	3.23	3.47	3.74		
	4 Tc	(°C)			52.4	54.5	56.9	59.4	62.2		

50 Hz R513A

N°7119

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	438	553	679	818	968	1128	1296	1470	1647
	2 P absorbée	(W)	329	364	400	437	480	528	585	652	731
	3 I absorbée	(A)	2.84	2.89	2.96	3.07	3.21	3.38	3.61	3.88	4.20
	4 Tc	(°C)	32.1	34.0	36.2	38.6	41.3	44.2	47.4	50.8	54.4
32	1 P frigorifique	(Watt)	384	493	611	740	878	1024	1176	1332	1491
	2 P absorbée	(W)	327	370	411	454	501	554	614	685	769
	3 I absorbée	(A)	2.79	2.87	2.98	3.11	3.27	3.47	3.71	4.00	4.33
	4 Tc	(°C)	38.6	40.4	42.5	44.8	47.4	50.1	53.2	56.4	59.9
43	1 P frigorifique	(Watt)			508	619	736	859	985		
	2 P absorbée	(W)			420	474	531	593	662		
	3 I absorbée	(A)			2.99	3.17	3.38	3.61	3.88		
	4 Tc	(°C)			52.4	54.5	56.8	59.4	62.2		

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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