

Condensing unit
Voltage Code : FZ

AET4440YHR-FZ

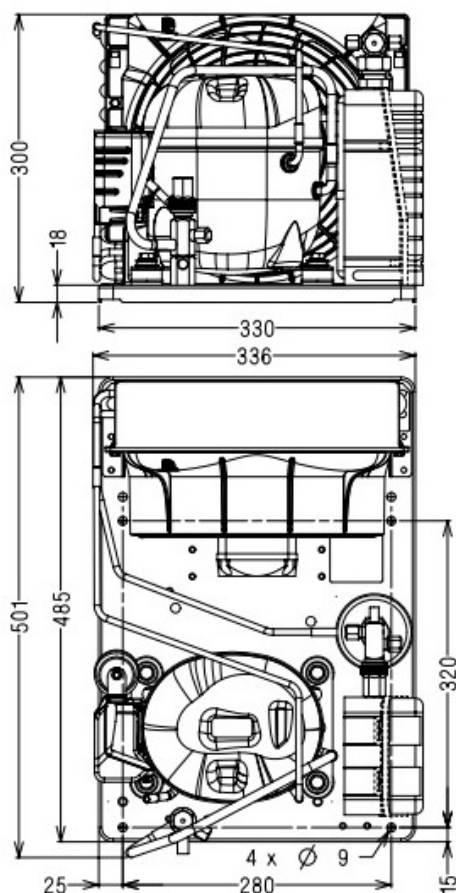
High Temp. Commercial HTA (HP)

220 - 240V 1~ 50 Hz

R134a / R513A

AET4440YHR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R134a	50 Hz	541	1843	66 dBA
EN13215 / R513A	50 Hz	580	1978	66 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)	24.1
Expansion device	Expansion_Valve
Air Flow (m³/h)	500
Compo Data Sheet	21BJS-FZ
Elec Comp Type	CSIR
Current (Amp)	
Load Rated Amp	2.9
Max Cont Current	4.1
Lock Rotor Amp	13.6
Fan	
Speed (rpm)	1300 / 1550
Power (W)	16.0
Diameter (mm)	250
Protection	Overload
IP Level	IP42
Condenser	M250/2050
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 Connection Type	Brased
Heat recovery pipes	
Component/ Type of connexion	NA
For tube Outside diameter :	NA
Fan Guard	maille < à 8mm

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

Selection program - V4.6_2024177 - 07/18/2024

AET4440YHR-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°6645											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)		345	436	541	658	790	934	1090	1258
	2 P absorbée	(W)		300	328	358	392	430	472	519	571
	3 I absorbée	(A)		2.37	2.42	2.49	2.58	2.70	2.84	3.01	3.22
	4 Tc	(°C)		39.1	40.7	42.6	44.7	46.9	49.4	52.1	55.0
38	1 P frigorifique	(Watt)		315	401	498	606	727	859	1002	1155
	2 P absorbée	(W)		307	336	369	406	447	493	544	601
	3 I absorbée	(A)		2.35	2.42	2.51	2.62	2.75	2.91	3.10	3.32
	4 Tc	(°C)		45.1	46.6	48.4	50.3	52.5	54.9	57.4	60.2
46	1 P frigorifique	(Watt)			354	441	537	643	759		
	2 P absorbée	(W)			351	387	427	473	523		
	3 I absorbée	(A)			2.46	2.57	2.70	2.85	3.04		
	4 Tc	(°C)			54.5	56.1	57.9	59.9	62.1		

50 Hz R513A											
N°7129											
5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
32	1 P frigorifique	(Watt)	302	384	476	580	695	821	957	1101	1254
	2 P absorbée	(W)	296	321	348	377	411	449	492	541	599
	3 I absorbée	(A)	2.52	2.54	2.57	2.62	2.70	2.81	2.95	3.14	3.37
	4 Tc	(°C)	37.6	39.1	40.7	42.6	44.7	46.9	49.4	52.1	55.0
38	1 P frigorifique	(Watt)		347	433	528	633	748	872	1004	1142
	2 P absorbée	(W)		326	355	388	424	466	513	566	628
	3 I absorbée	(A)		2.50	2.56	2.63	2.73	2.86	3.03	3.23	3.47
	4 Tc	(°C)		45.1	46.6	48.4	50.3	52.5	54.9	57.4	60.2
46	1 P frigorifique	(Watt)			377	461	552	652	759		
	2 P absorbée	(W)			368	404	445	491	544		
	3 I absorbée	(A)			2.57	2.68	2.81	2.97	3.15		
	4 Tc	(°C)			54.5	56.1	57.9	59.9	62.1		

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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