



Condensing unit  
Voltage Code : FZ

# AET4430ZHR-FZ

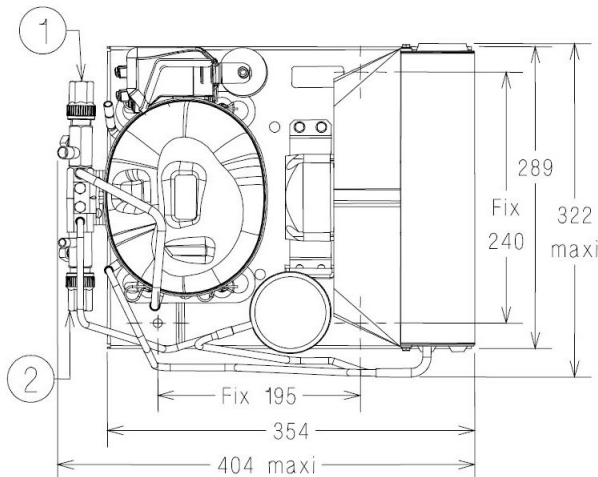
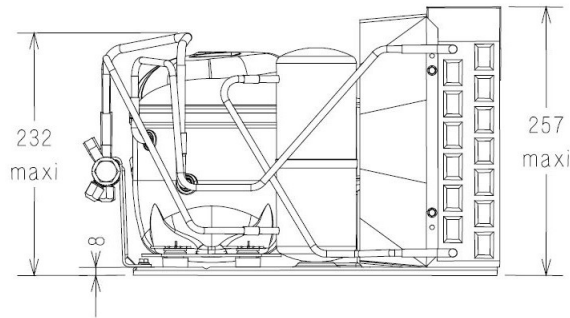
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

AET4430ZHR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	691	2355	59 dBA
EN13215 / R404A	50 Hz	703	2398	59 dBA
EN13215 / R448A	50 Hz	667	2275	59 dBA
EN13215 / R449A	50 Hz	668	2276	59 dBA



\* EN13215 : T°Ambient 32.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

<b>Net Weight (Kg)</b>	19.3
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	410
<b>Compo Data Sheet</b>	223DS-FZ
<b>Elec Comp Type</b>	CSIR
<b>Current (Amp)</b>	
Load Rated Amp	2.3
Max Cont Current	3.1
Lock Rotor Amp	11.6
<b>Fan</b>	
Speed (rpm)	1300
Power (W)	5.0
Diameter (mm)	200
Protection	Impedance
IP Level	IP42
<b>Condenser</b>	205/1660
<b>Liquid Receiver</b>	
Capacity (L)	0.75
Maximum Pressure (Bars)	32.0
<b>Suction Line</b>	
Suction Type	Vanne de Socle
For Tubing Out Diam	9.5 (3/8")
Suction Connection Type	Brased
<b>Liquid Line</b>	
Liquid Line Type	Vanne de Socle
For Tubing Out Diam	6.35 (1/4")
Liquid Connecton Type	Brased
<b>Connection Type</b>	VR
<b>Fan Guard</b>	maille < à 8mm

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<b>AET4430ZHR-FZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les <b>conditions EN13215</b> :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

<b>50 Hz R452A</b>											
<b>N°6671</b>											
5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	235	301	377	463	558	662	773	889	1009
	2   P absorbée	(W)	212	231	250	269	288	308	329	351	375
	3   I absorbée	(A)	1.74	1.79	1.85	1.90	1.97	2.04	2.11	2.20	2.29
	4   Tc	(°C)	28.1	29.8	31.8	33.8	36.0	38.4	40.9	43.5	46.3
<b>32</b>	1   P frigorifique	(Watt)		270	340	417	502	594	691	792	896
	2   P absorbée	(W)		236	258	280	303	326	350	375	402
	3   I absorbée	(A)		1.79	1.86	1.93	2.01	2.09	2.18	2.28	2.38
	4   Tc	(°C)		36.3	38.1	40.1	42.1	44.3	46.7	49.2	51.9
<b>43</b>	1   P frigorifique	(Watt)			275	340	409	481	557	635	
	2   P absorbée	(W)			269	297	325	353	383	414	
	3   I absorbée	(A)			1.88	1.98	2.08	2.18	2.29	2.40	
	4   Tc	(°C)			48.3	50.0	51.8	53.8	56.0	58.3	

<b>50 Hz R404A</b>											
<b>N°6657</b>											
5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	254	321	398	484	579	681	789	901	1014
	2   P absorbée	(W)	222	241	260	279	298	317	337	358	380
	3   I absorbée	(A)	1.84	1.88	1.93	1.99	2.04	2.10	2.17	2.25	2.33
	4   Tc	(°C)	30.9	32.7	34.6	36.6	38.8	41.1	43.5	46.0	48.7
<b>32</b>	1   P frigorifique	(Watt)		289	359	437	521	610	703	799	896
	2   P absorbée	(W)		248	270	291	313	336	359	382	408
	3   I absorbée	(A)		1.89	1.95	2.02	2.09	2.16	2.24	2.33	2.42
	4   Tc	(°C)		39.1	40.8	42.7	44.7	46.8	49.1	51.5	54.0
<b>43</b>	1   P frigorifique	(Watt)			292	356	423	493	564	635	707
	2   P absorbée	(W)			283	310	337	365	393	422	452
	3   I absorbée	(A)			1.98	2.07	2.16	2.26	2.36	2.46	2.57
	4   Tc	(°C)			50.6	52.2	54.0	55.8	57.9	60.0	62.3

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

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<b>AET4430ZHR-FZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 Hz</b>
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Les performances sont données dans les <b>conditions EN13215</b> :	Gaz aspirés :	20.0 °C
Condition Dew	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Dew Condition	Subcooling :	3.0 K

<b>50 Hz R448A (*)</b>											
											<b>N°7052</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	201	265	339	423	518	624	738	862	994
	2   P absorbée	(W)	201	219	237	256	276	297	318	341	366
	3   I absorbée	(A)	1.64	1.69	1.74	1.81	1.87	1.95	2.03	2.12	2.22
	4   Tc	(°C)	28.4	30.2	32.1	34.2	36.4	38.8	41.3	44.0	46.8
<b>32</b>	1   P frigorifique	(Watt)		237	306	383	469	564	667	778	896
	2   P absorbée	(W)		224	246	268	291	315	340	366	395
	3   I absorbée	(A)		1.70	1.77	1.84	1.92	2.01	2.10	2.21	2.32
	4   Tc	(°C)		36.8	38.6	40.5	42.6	44.8	47.2	49.7	52.4
<b>43</b>	1   P frigorifique	(Watt)			250	316	389	468	552		
	2   P absorbée	(W)			257	285	314	343	374		
	3   I absorbée	(A)			1.80	1.89	2.00	2.11	2.23		
	4   Tc	(°C)			48.8	50.5	52.3	54.3	56.4		

<b>50 Hz R449A (*)</b>											
											<b>N°6824</b>
5   T ambience	6   T évaporation	(°C)	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	<b>-5</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>15</b>
<b>25</b>	1   P frigorifique	(Watt)	201	265	339	423	519	624	739	863	994
	2   P absorbée	(W)	201	219	237	256	276	297	318	341	366
	3   I absorbée	(A)	1.64	1.69	1.74	1.81	1.87	1.95	2.03	2.12	2.22
	4   Tc	(°C)	28.4	30.2	32.1	34.2	36.4	38.8	41.3	44.0	46.8
<b>32</b>	1   P frigorifique	(Watt)		237	306	383	470	564	668	778	896
	2   P absorbée	(W)		224	246	268	291	315	340	366	395
	3   I absorbée	(A)		1.70	1.77	1.84	1.92	2.01	2.10	2.21	2.32
	4   Tc	(°C)		36.8	38.6	40.5	42.6	44.8	47.1	49.7	52.3
<b>43</b>	1   P frigorifique	(Watt)			250	316	389	468	553		
	2   P absorbée	(W)			257	285	314	343	374		
	3   I absorbée	(A)			1.80	1.89	2.00	2.11	2.23		
	4   Tc	(°C)			48.7	50.4	52.3	54.2	56.4		

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

(\*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de reflux élevée pour les applications LBP.

(\*) Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.

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