



Condensing unit  
Voltage Code : FZ

# AET4430ZHR-FZ

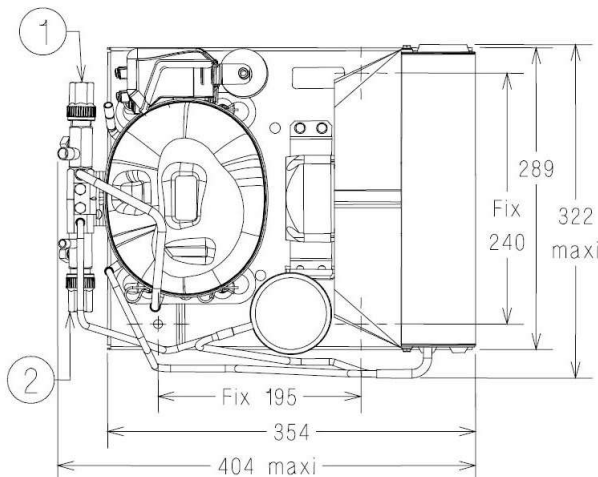
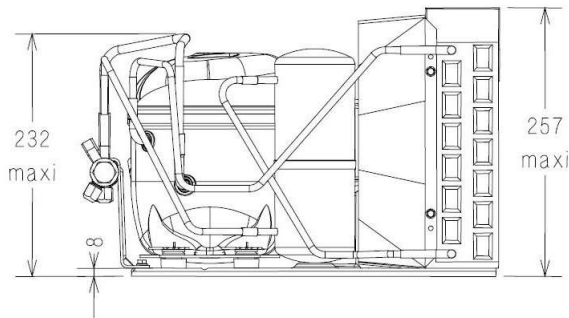
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R404A

AET4430ZHR-FZ

Operating conditions : <b>Customized... / 50 Hz / Mid</b>		Sound Power ISO3745 / ISO 3743-1
<b>Evaporating Temp. :</b> -10.0 °C <b>Superheat :</b> 2.44 K <b>Return gas temp. :</b> 4.44 °C <b>Ambient :</b> 45.0 °C <b>Subcooling :</b> -0.33 K	<b>Refrig. Capacity :</b> 251 Watt  <b>Power Input :</b> 313 Watt <b>Amps :</b> 2.08 A <b>C.O.P :</b> 0.80 Watt/W	59 dBA



<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

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



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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 Mid	Sous refroidissement :	3.0 K
The performance data are in <b>EN13215 conditions</b> :	Return gas :	20.0 °C
Mid Condition	Subcooling :	3.0 K

**50 Hz R404A**

**N°6657**

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)	257	324	401	488	583	685	793	905	1018
	2   P absorbée	(W)	223	242	261	280	299	318	338	359	381
	3   I absorbée	(A)	1.84	1.89	1.94	1.99	2.05	2.11	2.18	2.25	2.34
	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)		291	362	439	524	613	706	802	899
	2   P absorbée	(W)		249	271	292	314	337	360	384	409
	3   I absorbée	(A)		1.89	1.95	2.02	2.09	2.17	2.25	2.33	2.43
	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)			294	358	425	494	566	637	709
	2   P absorbée	(W)			284	311	338	366	394	423	454
	3   I absorbée	(A)			1.99	2.08	2.17	2.26	2.36	2.46	2.58
	4   Tc	(°C)			50.6	52.2	54.0	55.8	57.9	60.0	62.3

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

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