

Condensing unit  
Voltage Code : FZ

# FHT2511ZBR-FZ

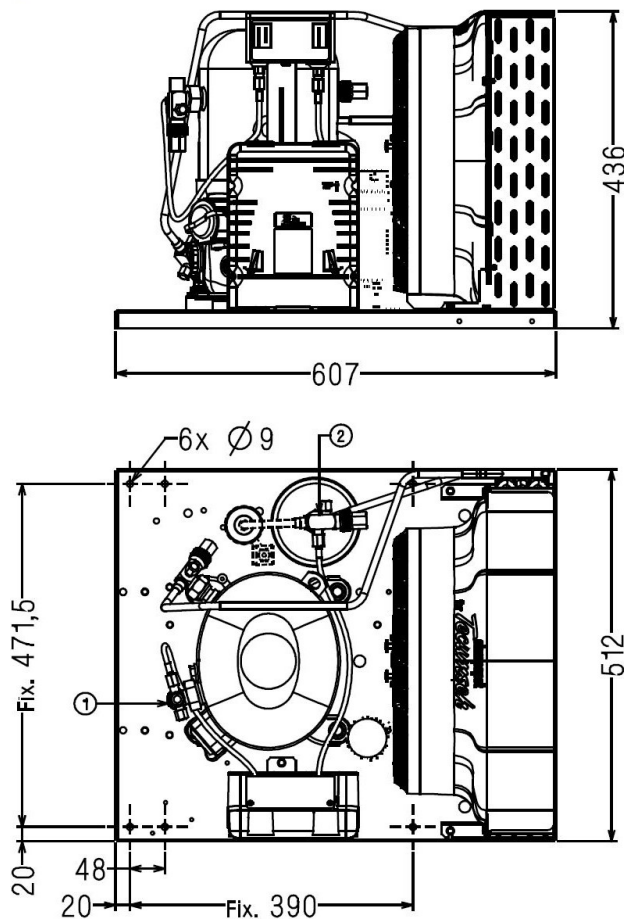
Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

FHT2511ZBR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	1485	5063	76 dBA
EN13215 / R404A	50 Hz	1651	5630	76 dBA
EN13215 / R448A	50 Hz	1196	4077	76 dBA
EN13215 / R449A	50 Hz	1196	4079	76 dBA



\* EN13215 : T°Ambient 32.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

<b>Net Weight (Kg)</b>	57.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	1750
<b>Compo Data Sheet</b>	126LT-F
<b>Elec Comp Type</b>	CSR
<b>Current (Amp)</b>	
Load Rated Amp	11.9
Max Cont Current	24.6
Lock Rotor Amp	82
<b>Fan</b>	
Speed (rpm)	1335
Power (W)	90.0
Diameter (mm)	350
Protection	Overload
IP Level	IP44
<b>Condenser</b>	M350/8200
<b>Liquid Receiver</b>	
Capacity (L)	1.5
Maximum Pressure (Bars)	32.0
<b>Suction Line</b>	
Suction Type	Vanne Orientable
For Tubing Out Diam	15.9 (5/8")
Suction Connection Type	Brased
<b>Liquid Line</b>	
Liquid Line Type	Vanne Orientable
For Tubing Out Diam	9.5 (3/8")
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.



**Tecumseh**

<b>FHT2511ZBR-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

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**50 Hz R452A**

**N°5964**

5   T ambience	6   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	1267	1737	2266	2855	3506	4224	5022
	2   P absorbée	(W)	1324	1550	1801	2084	2407	2774	3188
	3   I absorbée	(A)	8.16	8.82	9.70	10.8	12.1	13.6	15.4
	4   Tc	(°C)	26.7	29.2	32.2	35.5	38.9	42.3	45.7
<b>32</b>	1   P frigorifique	(Watt)	1034	1485	1986	2539	3146	3812	4553
	2   P absorbée	(W)	1266	1514	1784	2085	2424	2807	3239
	3   I absorbée	(A)	8.00	8.74	9.67	10.8	12.2	13.7	15.5
	4   Tc	(°C)	32.7	35.0	37.7	40.7	44.0	47.4	50.7
<b>43</b>	1   P frigorifique	(Watt)	660	1079	1537	2033	2572	3162	3819
	2   P absorbée	(W)	1134	1420	1724	2055	2422	2832	3291
	3   I absorbée	(A)	7.58	8.45	9.49	10.7	12.1	13.7	15.5
	4   Tc	(°C)	42.3	44.1	46.4	49.1	52.2	55.4	58.6

**50 Hz R404A**

**N°5154**

5   T ambience	6   T évaporation	(°C)	<b>-40</b>	<b>-35</b>	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>25</b>	1   P frigorifique	(Watt)	1422	1923	2479	3086	3741	4445	5207
	2   P absorbée	(W)	1418	1665	1932	2227	2559	2933	3354
	3   I absorbée	(A)	8.72	9.46	10.4	11.5	12.9	14.4	16.2
	4   Tc	(°C)	29.6	32.1	35.0	38.2	41.5	44.9	48.1
<b>32</b>	1   P frigorifique	(Watt)	1170	1651	2178	2747	3355	4005	4705
	2   P absorbée	(W)	1370	1636	1921	2234	2583	2975	3416
	3   I absorbée	(A)	8.63	9.42	10.4	11.6	13.0	14.5	16.3
	4   Tc	(°C)	35.5	37.7	40.4	43.3	46.5	49.7	52.9
<b>43</b>	1   P frigorifique	(Watt)	766	1215	1695	2205	2743	3311	3921
	2   P absorbée	(W)	1252	1553	1870	2213	2592	3016	3489
	3   I absorbée	(A)	8.32	9.22	10.3	11.5	13.0	14.6	16.4
	4   Tc	(°C)	44.8	46.6	48.8	51.4	54.3	57.3	60.3

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

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**Tecumseh**

<b>FHT2511ZBR-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°6915</b>
5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	
<b>25</b>	1   P frigorifique	(Watt)	1924	2510	3175	3930	4790	
	2   P absorbée	(W)	1701	1983	2298	2654	3054	
	3   I absorbée	(A)	9.18	10.3	11.6	13.0	14.7	
	4   Tc	(°C)	32.6	35.8	39.3	42.8	46.2	
<b>32</b>	1   P frigorifique	(Watt)	1681	2236	2868	3587	4407	
	2   P absorbée	(W)	1690	1987	2320	2692	3110	
	3   I absorbée	(A)	9.18	10.3	11.6	13.1	14.8	
	4   Tc	(°C)	38.1	41.2	44.5	47.8	51.2	
<b>43</b>	1   P frigorifique	(Watt)	1306	1819	2403	3070		
	2   P absorbée	(W)	1637	1965	2326	2728		
	3   I absorbée	(A)	9.05	10.3	11.6	13.2		
	4   Tc	(°C)	46.9	49.6	52.7	55.8		

<b>50 Hz R449A (*)</b>								<b>N°5490</b>
5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>	
<b>25</b>	1   P frigorifique	(Watt)	1925	2511	3176	3932	4793	
	2   P absorbée	(W)	1701	1983	2298	2654	3054	
	3   I absorbée	(A)	9.18	10.3	11.6	13.0	14.7	
	4   Tc	(°C)	32.6	35.9	39.3	42.8	46.2	
<b>32</b>	1   P frigorifique	(Watt)	1682	2237	2870	3589	4410	
	2   P absorbée	(W)	1690	1987	2320	2692	3110	
	3   I absorbée	(A)	9.18	10.3	11.6	13.1	14.8	
	4   Tc	(°C)	38.1	41.2	44.5	47.8	51.1	
<b>43</b>	1   P frigorifique	(Watt)	1307	1819	2404	3071		
	2   P absorbée	(W)	1637	1965	2326	2728		
	3   I absorbée	(A)	9.05	10.3	11.6	13.2		
	4   Tc	(°C)	46.9	49.6	52.6	55.8		

**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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