



Condensing unit  
Voltage Code : FZ

# CAJN4517ZHR-FZ

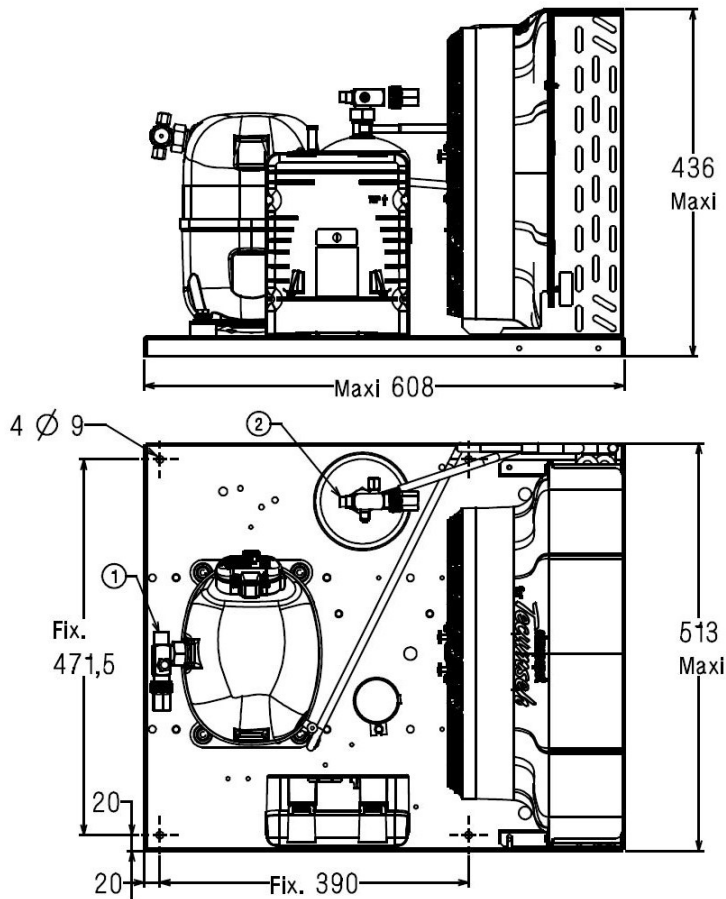
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

CAJN4517ZHR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	2126	7251	71 dBA
EN13215 / R404A	50 Hz	2229	7602	71 dBA
EN13215 / R448A	50 Hz	1947	6638	71 dBA
EN13215 / R449A	50 Hz	1948	6642	71 dBA



\* EN13215 : T°Ambient 32.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

<b>Net Weight (Kg)</b>	44.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	1700
<b>Compo Data Sheet</b>	224LT-FZ
<b>Elec Comp Type</b>	CSR
<b>Current (Amp)</b>	
Load Rated Amp	8.1
Max Cont Current	13.5
Lock Rotor Amp	39
<b>Fan</b>	
Speed (rpm)	1350
Power (W)	90.0
Diameter (mm)	350
Protection	Overload
IP Level	IP44
<b>Condenser</b>	350/8200
<b>Liquid Receiver</b>	
Capacity (L)	2.35
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>CAJN4517ZHR-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°5923**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1287	1611	1978	2386	2832	3312	3821	4354	4908
	2   P absorbée	(W)	817	910	1007	1109	1219	1339	1472	1620	1785
	3   I absorbée	(A)	4.50	4.88	5.30	5.76	6.27	6.83	7.44	8.11	8.84
	4   Tc	(°C)	27.9	30.0	32.1	34.4	36.7	39.2	41.7	44.4	47.1
<b>32</b>	1   P frigorifique	(Watt)		1410	1752	2126	2533	2968	3429	3914	4421
	2   P absorbée	(W)		935	1042	1154	1273	1401	1540	1694	1865
	3   I absorbée	(A)		5.02	5.48	5.98	6.52	7.11	7.74	8.43	9.17
	4   Tc	(°C)		36.4	38.4	40.4	42.5	44.7	47.0	49.4	51.9
<b>43</b>	1   P frigorifique	(Watt)			1390	1713	2058	2424	2814	3227	3667
	2   P absorbée	(W)			1076	1209	1346	1490	1644	1810	1991
	3   I absorbée	(A)			5.61	6.18	6.79	7.43	8.11	8.84	9.61
	4   Tc	(°C)			48.3	49.9	51.7	53.5	55.4	57.5	59.6

### 50 Hz R404A

**N°5044**

5   T ambience	6   T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
<b>25</b>	1   P frigorifique	(Watt)	1396	1725	2095	2503	2944	3414	3906	4414	4933
	2   P absorbée	(W)	859	953	1050	1152	1262	1381	1511	1655	1814
	3   I absorbée	(A)	4.72	5.11	5.52	5.98	6.49	7.04	7.64	8.28	8.98
	4   Tc	(°C)	30.8	32.8	35.0	37.2	39.5	41.8	44.3	46.8	49.5
<b>32</b>	1   P frigorifique	(Watt)		1513	1856	2229	2629	3052	3494	3952	4422
	2   P absorbée	(W)		983	1091	1202	1320	1446	1582	1731	1895
	3   I absorbée	(A)		5.27	5.74	6.23	6.76	7.34	7.96	8.62	9.33
	4   Tc	(°C)		39.2	41.0	43.0	45.0	47.2	49.4	51.7	54.0
<b>43</b>	1   P frigorifique	(Watt)			1477	1796	2132	2483	2850	3231	3629
	2   P absorbée	(W)			1134	1265	1400	1541	1690	1850	2023
	3   I absorbée	(A)			5.91	6.47	7.07	7.69	8.35	9.05	9.78
	4   Tc	(°C)			50.6	52.2	53.8	55.5	57.4	59.3	61.3

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

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**Tecumseh**

<b>CAJN4517ZHR-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°6942</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)	1094	1411	1771	2175	2624	3116	3650	4225	4840
	2   P absorbée	(W)	774	863	957	1057	1166	1287	1420	1569	1735
	3   I absorbée	(A)	4.28	4.64	5.05	5.50	6.01	6.57	7.18	7.85	8.58
	4   Tc	(°C)	28.2	30.3	32.5	34.8	37.2	39.6	42.2	44.8	47.6
<b>32</b>	1   P frigorifique	(Watt)		1233	1571	1947	2362	2816	3311	3845	4420
	2   P absorbée	(W)		887	992	1102	1221	1351	1492	1649	1822
	3   I absorbée	(A)		4.77	5.22	5.72	6.26	6.85	7.49	8.19	8.94
	4   Tc	(°C)		36.9	38.8	40.8	43.0	45.2	47.5	49.9	52.4
<b>43</b>	1   P frigorifique	(Watt)			1257	1590	1954	2352	2786		
	2   P absorbée	(W)			1025	1157	1297	1444	1603		
	3   I absorbée	(A)			5.34	5.91	6.52	7.18	7.88		
	4   Tc	(°C)			48.8	50.4	52.2	54.0	55.9		

<b>50 Hz R449A (*)</b>											
											<b>N°5618</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)	1095	1412	1772	2176	2625	3118	3652	4228	4843
	2   P absorbée	(W)	774	863	957	1057	1166	1287	1420	1569	1735
	3   I absorbée	(A)	4.28	4.64	5.05	5.50	6.01	6.57	7.18	7.85	8.58
	4   Tc	(°C)	28.2	30.3	32.5	34.8	37.2	39.6	42.2	44.8	47.6
<b>32</b>	1   P frigorifique	(Watt)		1234	1572	1948	2363	2818	3313	3848	4422
	2   P absorbée	(W)		887	992	1102	1221	1351	1492	1649	1822
	3   I absorbée	(A)		4.77	5.22	5.72	6.26	6.85	7.49	8.19	8.94
	4   Tc	(°C)		36.9	38.8	40.8	42.9	45.2	47.5	49.9	52.3
<b>43</b>	1   P frigorifique	(Watt)			1258	1591	1955	2353	2787		
	2   P absorbée	(W)			1025	1157	1297	1444	1603		
	3   I absorbée	(A)			5.34	5.91	6.52	7.18	7.88		
	4   Tc	(°C)			48.7	50.4	52.1	53.9	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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