

Condensing unit  
Voltage Code : FZ

# CAJT2446ZBR-FZ

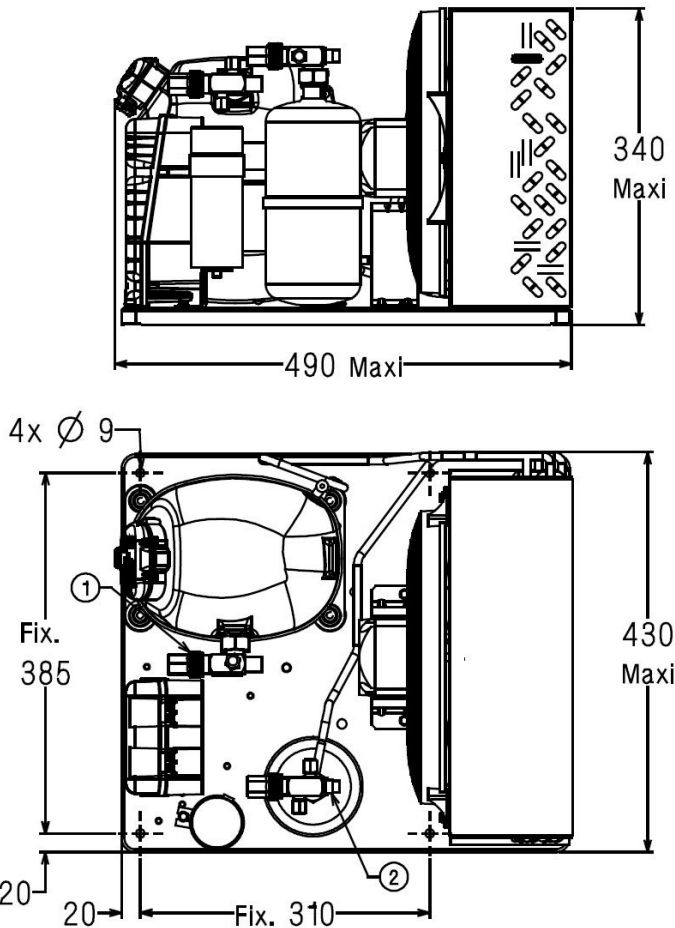
Low Temp. Commercial HTA (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

CAJT2446ZBR-FZ

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
EN13215 / R452A	50 Hz	625	2133	68 dBA
EN13215 / R404A	50 Hz	701	2391	68 dBA
EN13215 / R448A	50 Hz	502	1713	68 dBA
EN13215 / R449A	50 Hz	503	1714	68 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>	36.0
<b>Expansion device</b>	Expansion_Valve
<b>Air Flow (m³/h)</b>	1130
<b>Compo Data Sheet</b>	124NT-FZ
<b>Elec Comp Type</b>	CSR
<b>Current (Amp)</b>	
Load Rated Amp	4.6
Max Cont Current	8.8
Lock Rotor Amp	30
<b>Fan</b>	
Speed (rpm)	1300
Power (W)	22.0
Diameter (mm)	300
Protection	Overload
IP Level	IP42
<b>Condenser</b>	300/4200
<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	12.7 (1/2")
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>CAJT2446ZBR-FZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 Hz</b>
-----------------------	---

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

© 2020 Tecumseh Products Company  
All rights reserved

### 50 Hz R452A

**N°5932**

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>32</b>	1   P frigorifique	(Watt)	436	625	837	1070	1322	1592	1880
	2   P absorbée	(W)	557	649	745	849	963	1092	1237
	3   I absorbée	(A)	2.83	3.18	3.58	4.05	4.58	5.18	5.87
	4   Tc	(°C)	33.8	34.4	35.8	37.7	40.1	42.7	45.6
<b>38</b>	1   P frigorifique	(Watt)	359	534	727	938	1164	1406	1662
	2   P absorbée	(W)	539	641	746	858	982	1120	1274
	3   I absorbée	(A)	2.77	3.17	3.62	4.12	4.69	5.33	6.04
	4   Tc	(°C)	39.6	40.2	41.5	43.4	45.6	48.3	51.1
<b>46</b>	1   P frigorifique	(Watt)		415	583	764	956	1160	1378
	2   P absorbée	(W)		621	738	863	999	1150	1317
	3   I absorbée	(A)		3.14	3.65	4.20	4.82	5.51	6.26
	4   Tc	(°C)		48.0	49.2	50.9	53.1	55.7	58.4

### 50 Hz R404A

**N°5072**

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>32</b>	1   P frigorifique	(Watt)	511	701	916	1152	1407	1676	1953
	2   P absorbée	(W)	600	695	796	903	1020	1150	1295
	3   I absorbée	(A)	3.02	3.39	3.81	4.29	4.83	5.44	6.13
	4   Tc	(°C)	35.0	36.6	38.4	40.5	42.8	45.3	48.1
<b>38</b>	1   P frigorifique	(Watt)	427	602	796	1008	1234	1471	1714
	2   P absorbée	(W)	588	691	799	916	1042	1182	1338
	3   I absorbée	(A)	2.99	3.40	3.86	4.38	4.96	5.61	6.33
	4   Tc	(°C)	40.8	42.4	44.1	46.1	48.4	50.9	53.6
<b>46</b>	1   P frigorifique	(Watt)	318	471	638	817	1006	1201	1399
	2   P absorbée	(W)	563	676	796	925	1065	1219	1390
	3   I absorbée	(A)	2.93	3.39	3.91	4.48	5.12	5.82	6.59
	4   Tc	(°C)	48.6	50.1	51.8	53.7	55.9	58.2	60.9

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.**

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



**Tecumseh**

<b>CAJT2446ZBR-FZ</b>	<b>Tension FZ : 220 - 240V 1~ 50 Hz</b>
-----------------------	---

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

© 2020 Tecumseh Products Company  
All rights reserved

### 50 Hz R448A (\*)

**N°6910**

5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>32</b>	1   P frigorifique	(Watt)	703	935	1199	1493	1814
	2   P absorbée	(W)	711	814	925	1047	1183
	3   I absorbée	(A)	3.44	3.90	4.41	4.98	5.62
	4   Tc	(°C)	36.6	38.4	40.5	42.8	45.4
<b>38</b>	1   P frigorifique	(Watt)	612	824	1065	1335	1629
	2   P absorbée	(W)	713	825	945	1077	1223
	3   I absorbée	(A)	3.48	3.98	4.53	5.13	5.81
	4   Tc	(°C)	42.4	44.2	46.2	48.5	51.0
<b>46</b>	1   P frigorifique	(Watt)		684	896	1134	
	2   P absorbée	(W)		832	966	1111	
	3   I absorbée	(A)		4.07	4.67	5.33	
	4   Tc	(°C)		51.9	53.9	56.1	

### 50 Hz R449A (\*)

**N°5467**

5   T ambience	6   T évaporation	(°C)	<b>-30</b>	<b>-25</b>	<b>-20</b>	<b>-15</b>	<b>-10</b>
<b>32</b>	1   P frigorifique	(Watt)	703	936	1200	1494	1815
	2   P absorbée	(W)	711	814	925	1047	1183
	3   I absorbée	(A)	3.44	3.90	4.41	4.98	5.62
	4   Tc	(°C)	36.6	38.4	40.4	42.7	45.4
<b>38</b>	1   P frigorifique	(Watt)	612	824	1066	1335	1630
	2   P absorbée	(W)	713	825	945	1077	1223
	3   I absorbée	(A)	3.48	3.98	4.53	5.13	5.81
	4   Tc	(°C)	42.4	44.2	46.2	48.4	51.0
<b>46</b>	1   P frigorifique	(Watt)		684	897	1135	
	2   P absorbée	(W)		832	966	1111	
	3   I absorbée	(A)		4.07	4.67	5.33	
	4   Tc	(°C)		51.9	53.8	56.0	

**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.

**Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.**

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