



Compressor
Voltage Code : FZ

CAJ4517Z-FZ

High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

AJ4517Z-FZ3C

| Conditions | Frequency | Nominal Cooling Capacity | | Sound Power ISO3745 / ISO 3743-1 |
|---------------------|-----------|--------------------------|-------|-------------------------------------|
| | | Watts | BTU/h | |
| EN12900_MHP / R452A | 50 Hz | 2012 | 6862 | 64 dBA |
| EN12900_MHP / R404A | 50 Hz | 2070 | 7058 | 64 dBA |
| EN12900_MHP / R448A | 50 Hz | 1910 | 6515 | 64 dBA |
| EN12900_MHP / R449A | 50 Hz | 1910 | 6515 | 64 dBA |



| | |
|--|--------------------------------|
| Displacement (cc) | 25,95 |
| Net Weight (Kg) | 21.6 |
| Oil Quantity (cc) | 475.0 |
| Oil Type | Polyolester |
| Expansion Device | Capillary_Tube/Expansion_Valve |
| Cooling | Fan |
| Main Winding (Ohm) | 1.7 |
| Start Winding (Ohm) | 6.8 |
| Current | |
| RLA (A) | 7.3 |
| MCC (A) | 12.7 |
| LRA (A) | 39 |
| Electrical Equipment | CSR |
| Overload | MST00AGZ |
| Time Check | 2.8s - 5.2s / 32.5 A |
| Open Temp | 120° C |
| Close Temp | 61° C |
| Optional | T0861 |
| Start Capacitor | 100 µF / 330 V |
| Run Capacitor | 17.5 µF / 400 V |
| Potential Relay | RVA4AP** |
| Pick Up | 300/328V |
| Drop Out | 60/121V |
| Refrigerating connection for OD | |
| Suction Tube | 15.9 (5/8") |
| Discharge Tube | 9.5 (3/8") |
| Process Tube | 6.35 (1/4") |

* EN12900_MHP : T°Cond. 45.0°C / T°Evap. -10.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 0.0K

Certificates :



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



Tecumseh

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|--------------------|---|
| CAJ4517Z-FZ | Tension FZ : 220 - 240V 1~ 50 Hz |
|--------------------|---|

Les performances sont données dans les **conditions EN12900_MHP** :
 Condition Dew
 The performance data are in **EN12900_MHP conditions** :
 Dew Condition

Gaz aspirés : 20.0 °C
 Sous refroidissement : 0.0 K
 Return gas : 20.0 °C
 Subcooling : 0.0 K

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50 Hz R452A

N°2286

| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
|--------------------|--------------------|--------|------|------|------|------|------|------|------|------|------|
| 30 | 1 P frigorifique | (Watt) | 1306 | 1690 | 2145 | 2681 | 3310 | 4041 | 4885 | 5853 | 6955 |
| | 2 P absorbée | (W) | 719 | 796 | 867 | 935 | 1002 | 1071 | 1143 | 1221 | 1307 |
| | 3 I absorbée | (A) | 3.85 | 4.14 | 4.42 | 4.68 | 4.95 | 5.20 | 5.45 | 5.69 | 5.92 |
| 40 | 1 P frigorifique | (Watt) | | 1374 | 1774 | 2238 | 2775 | 3397 | 4114 | 4937 | 5876 |
| | 2 P absorbée | (W) | | 843 | 939 | 1029 | 1116 | 1202 | 1290 | 1381 | 1478 |
| | 3 I absorbée | (A) | | 4.41 | 4.82 | 5.22 | 5.61 | 5.99 | 6.37 | 6.74 | 7.10 |
| 50 | 1 P frigorifique | (Watt) | | | 1395 | 1784 | 2230 | 2741 | 3330 | 4006 | 4780 |
| | 2 P absorbée | (W) | | | 982 | 1100 | 1214 | 1324 | 1434 | 1545 | 1660 |
| | 3 I absorbée | (A) | | | 5.00 | 5.53 | 6.05 | 6.56 | 7.07 | 7.58 | 8.08 |
| 60 | 1 P frigorifique | (Watt) | | | | 1322 | 1674 | 2074 | 2533 | 3062 | 3670 |
| | 2 P absorbée | (W) | | | | 1145 | 1291 | 1432 | 1569 | 1707 | 1845 |
| | 3 I absorbée | (A) | | | | 5.61 | 6.27 | 6.92 | 7.56 | 8.20 | 8.83 |

50 Hz R404A

N°224LT-FZ

| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
|--------------------|--------------------|--------|------|------|------|------|------|------|------|------|------|
| 30 | 1 P frigorifique | (Watt) | 1393 | 1782 | 2241 | 2779 | 3406 | 4133 | 4968 | 5923 | 7007 |
| | 2 P absorbée | (W) | 762 | 840 | 912 | 980 | 1047 | 1114 | 1185 | 1261 | 1344 |
| | 3 I absorbée | (A) | 4.08 | 4.37 | 4.64 | 4.91 | 5.16 | 5.41 | 5.65 | 5.87 | 6.09 |
| 40 | 1 P frigorifique | (Watt) | 1098 | 1448 | 1848 | 2308 | 2839 | 3449 | 4150 | 4950 | 5860 |
| | 2 P absorbée | (W) | 789 | 893 | 990 | 1080 | 1166 | 1251 | 1336 | 1425 | 1518 |
| | 3 I absorbée | (A) | 4.26 | 4.68 | 5.08 | 5.48 | 5.86 | 6.23 | 6.60 | 6.95 | 7.30 |
| 50 | 1 P frigorifique | (Watt) | | 1107 | 1448 | 1830 | 2263 | 2757 | 3322 | 3967 | 4703 |
| | 2 P absorbée | (W) | | 914 | 1040 | 1158 | 1270 | 1378 | 1485 | 1592 | 1702 |
| | 3 I absorbée | (A) | | 4.77 | 5.30 | 5.82 | 6.33 | 6.83 | 7.33 | 7.81 | 8.28 |
| 60 | 1 P frigorifique | (Watt) | | | 1044 | 1347 | 1682 | 2059 | 2488 | 2978 | 3539 |
| | 2 P absorbée | (W) | | | 1059 | 1211 | 1355 | 1493 | 1626 | 1758 | 1890 |
| | 3 I absorbée | (A) | | | 5.29 | 5.94 | 6.58 | 7.21 | 7.83 | 8.44 | 9.04 |

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

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|--------------------|---|
| CAJ4517Z-FZ | Tension FZ : 220 - 240V 1~ 50 Hz |
|--------------------|---|

| | | |
|--|------------------------|---------|
| Les performances sont données dans les conditions EN12900_MHP : | Gaz aspirés : | 20.0 °C |
| Condition Dew | Sous refroidissement : | 0.0 K |
| The performance data are in EN12900_MHP conditions : | Return gas : | 20.0 °C |
| Dew Condition | Subcooling : | 0.0 K |

| 50 Hz R448A (*) | | | | | | | | | | | |
|------------------------|--------------------|--------|------|------|------|------|------|------|------|------|---------------|
| | | | | | | | | | | | N°2888 |
| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
| 30 | 1 P frigorifique | (Watt) | 1150 | 1526 | 1973 | 2502 | 3126 | 3856 | 4704 | 5683 | 6803 |
| | 2 P absorbée | (W) | 671 | 741 | 808 | 874 | 939 | 1006 | 1075 | 1149 | 1229 |
| | 3 I absorbée | (A) | 3.59 | 3.85 | 4.12 | 4.38 | 4.63 | 4.88 | 5.12 | 5.35 | 5.57 |
| 40 | 1 P frigorifique | (Watt) | | 1247 | 1645 | 2109 | 2651 | 3283 | 4018 | 4867 | 5841 |
| | 2 P absorbée | (W) | | 791 | 881 | 966 | 1050 | 1133 | 1217 | 1303 | 1393 |
| | 3 I absorbée | (A) | | 4.14 | 4.52 | 4.90 | 5.27 | 5.64 | 6.01 | 6.36 | 6.70 |
| 50 | 1 P frigorifique | (Watt) | | | 1313 | 1713 | 2175 | 2711 | 3333 | 4053 | 4882 |
| | 2 P absorbée | (W) | | | 927 | 1041 | 1151 | 1259 | 1365 | 1472 | 1581 |
| | 3 I absorbée | (A) | | | 4.72 | 5.23 | 5.74 | 6.24 | 6.73 | 7.22 | 7.69 |
| 60 | 1 P frigorifique | (Watt) | | | | 1324 | 1706 | 2147 | 2657 | 3250 | 3935 |
| | 2 P absorbée | (W) | | | | 1089 | 1234 | 1374 | 1511 | 1647 | 1783 |
| | 3 I absorbée | (A) | | | | 5.34 | 5.99 | 6.64 | 7.28 | 7.91 | 8.53 |

| 50 Hz R449A (*) | | | | | | | | | | | |
|------------------------|--------------------|--------|------|------|------|------|------|------|------|------|---------------|
| | | | | | | | | | | | N°2282 |
| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
| 30 | 1 P frigorifique | (Watt) | 1150 | 1526 | 1973 | 2502 | 3126 | 3856 | 4704 | 5683 | 6803 |
| | 2 P absorbée | (W) | 671 | 741 | 808 | 874 | 939 | 1006 | 1075 | 1149 | 1229 |
| | 3 I absorbée | (A) | 3.59 | 3.85 | 4.12 | 4.38 | 4.63 | 4.88 | 5.12 | 5.35 | 5.57 |
| 40 | 1 P frigorifique | (Watt) | | 1247 | 1645 | 2109 | 2651 | 3283 | 4018 | 4867 | 5841 |
| | 2 P absorbée | (W) | | 791 | 881 | 966 | 1050 | 1133 | 1217 | 1303 | 1393 |
| | 3 I absorbée | (A) | | 4.14 | 4.52 | 4.90 | 5.27 | 5.64 | 6.01 | 6.36 | 6.70 |
| 50 | 1 P frigorifique | (Watt) | | | 1313 | 1713 | 2175 | 2711 | 3333 | 4053 | 4882 |
| | 2 P absorbée | (W) | | | 927 | 1041 | 1151 | 1259 | 1365 | 1472 | 1581 |
| | 3 I absorbée | (A) | | | 4.72 | 5.23 | 5.74 | 6.24 | 6.73 | 7.22 | 7.69 |
| 60 | 1 P frigorifique | (Watt) | | | | 1324 | 1706 | 2147 | 2657 | 3250 | 3935 |
| | 2 P absorbée | (W) | | | | 1089 | 1234 | 1374 | 1511 | 1647 | 1783 |
| | 3 I absorbée | (A) | | | | 5.34 | 5.99 | 6.64 | 7.28 | 7.91 | 8.53 |

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

(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de refoulement 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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