



Compressor
Voltage Code : TZ

TAJ4517Z-TZ

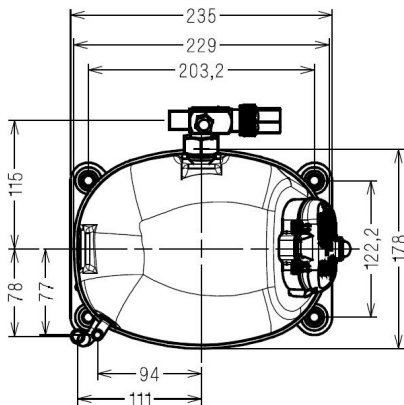
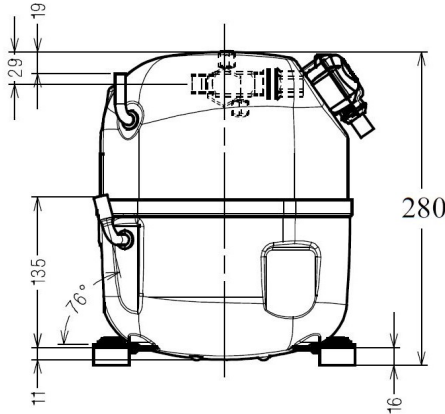
High Temp. Commercial (HP)

400V 3~ 50Hz / 440V 3~ 60 Hz

R452A / R404A / R448A / R449A

AJ4517Z-TZ1C

| Conditions | Frequency | Nominal Cooling Capacity | | Sound Power ISO3745 / ISO 3743-1 |
|---------------------|---------------|--------------------------|-------------|-------------------------------------|
| | | Watts | BTU/h | |
| EN12900_MHP / R452A | 50 Hz / 60 Hz | 2001 / 2371 | 6824 / 8086 | 62 dBA |
| EN12900_MHP / R404A | 50 Hz / 60 Hz | 2058 / 2439 | 7018 / 8317 | 62 dBA |
| EN12900_MHP / R448A | 50 Hz / 60 Hz | 1900 / 2252 | 6479 / 7678 | 62 dBA |
| EN12900_MHP / R449A | 50 Hz / 60 Hz | 1900 / 2252 | 6479 / 7678 | 62 dBA |



| | |
|--|--------------------------------|
| Displacement (cc) | 25,95 |
| Net Weight (Kg) | 20.0 |
| Oil Quantity (cc) | 475.0 |
| Oil Type | Polyolester |
| Expansion Device | Capillary_Tube/Expansion_Valve |
| Cooling | Fan |
| Main Winding (Ohm) | 11.0 |
| Current | |
| RLA (A) | 3 3 |
| MCC (A) | 4.4 4.8 |
| LRA (A) | 18 18 |
| Electrical Equipment | TRI |
| Overload | Interne |
| 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.



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| TAJ4517Z-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 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°2287

| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
|--------------------|--------------------|--------|------|------|------|------|------|------|------|------|------|
| 30 | 1 P frigorifique | (Watt) | 1249 | 1664 | 2142 | 2695 | 3334 | 4070 | 4913 | 5874 | 6965 |
| | 2 P absorbée | (W) | 748 | 837 | 918 | 992 | 1061 | 1128 | 1194 | 1263 | 1335 |
| | 3 I absorbée | (A) | 1.89 | 1.99 | 2.08 | 2.17 | 2.25 | 2.33 | 2.40 | 2.47 | 2.54 |
| 40 | 1 P frigorifique | (Watt) | | 1316 | 1748 | 2239 | 2797 | 3435 | 4163 | 4992 | 5933 |
| | 2 P absorbée | (W) | | 876 | 985 | 1084 | 1177 | 1264 | 1347 | 1431 | 1515 |
| | 3 I absorbée | (A) | | 2.02 | 2.16 | 2.29 | 2.42 | 2.54 | 2.66 | 2.78 | 2.89 |
| 50 | 1 P frigorifique | (Watt) | | | 1338 | 1760 | 2233 | 2767 | 3375 | 4066 | 4852 |
| | 2 P absorbée | (W) | | | 1026 | 1160 | 1283 | 1398 | 1508 | 1614 | 1719 |
| | 3 I absorbée | (A) | | | 2.20 | 2.38 | 2.56 | 2.73 | 2.89 | 3.05 | 3.21 |
| 60 | 1 P frigorifique | (Watt) | | | | 1272 | 1653 | 2079 | 2561 | 3109 | 3734 |
| | 2 P absorbée | (W) | | | | 1206 | 1368 | 1520 | 1664 | 1801 | 1934 |
| | 3 I absorbée | (A) | | | | 2.44 | 2.66 | 2.87 | 3.09 | 3.29 | 3.50 |

60 Hz R452A

N°2287

| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
|--------------------|--------------------|--------|------|------|------|------|------|------|------|------|------|
| 30 | 1 P frigorifique | (Watt) | 1495 | 1978 | 2520 | 3135 | 3838 | 4641 | 5560 | 6609 | 7802 |
| | 2 P absorbée | (W) | 879 | 1005 | 1113 | 1210 | 1303 | 1398 | 1503 | 1624 | 1768 |
| | 3 I absorbée | (A) | 1.67 | 1.78 | 1.90 | 2.02 | 2.14 | 2.26 | 2.39 | 2.52 | 2.66 |
| 40 | 1 P frigorifique | (Watt) | | 1572 | 2080 | 2639 | 3264 | 3970 | 4769 | 5678 | 6709 |
| | 2 P absorbée | (W) | | 1024 | 1176 | 1309 | 1430 | 1545 | 1661 | 1784 | 1923 |
| | 3 I absorbée | (A) | | 1.81 | 1.96 | 2.12 | 2.28 | 2.44 | 2.61 | 2.78 | 2.95 |
| 50 | 1 P frigorifique | (Watt) | | | 1596 | 2093 | 2635 | 3236 | 3910 | 4671 | 5535 |
| | 2 P absorbée | (W) | | | 1188 | 1373 | 1538 | 1689 | 1833 | 1976 | 2125 |
| | 3 I absorbée | (A) | | | 2.00 | 2.19 | 2.39 | 2.59 | 2.80 | 3.01 | 3.23 |
| 60 | 1 P frigorifique | (Watt) | | | | 1513 | 1965 | 2454 | 2996 | 3604 | 4293 |
| | 2 P absorbée | (W) | | | | 1381 | 1607 | 1810 | 1997 | 2176 | 2353 |
| | 3 I absorbée | (A) | | | | 2.24 | 2.48 | 2.72 | 2.97 | 3.22 | 3.48 |

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

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Tecumseh

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| TAJ4517Z-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 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 R404A | | | | | | | | | | | |
|--------------------|--------------------|--------|------------|------------|------------|------------|-----------|----------|----------|-----------|-------------------|
| | | | | | | | | | | | N°224LU-TZ |
| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
| 30 | 1 P frigorifique | (Watt) | 1332 | 1754 | 2237 | 2793 | 3431 | 4162 | 4997 | 5945 | 7017 |
| | 2 P absorbée | (W) | 792 | 884 | 965 | 1040 | 1108 | 1174 | 1238 | 1304 | 1373 |
| | 3 I absorbée | (A) | 2.01 | 2.10 | 2.19 | 2.27 | 2.35 | 2.43 | 2.49 | 2.56 | 2.61 |
| 40 | 1 P frigorifique | (Watt) | 995 | 1386 | 1821 | 2309 | 2861 | 3487 | 4199 | 5005 | 5917 |
| | 2 P absorbée | (W) | 805 | 928 | 1038 | 1138 | 1230 | 1315 | 1396 | 1476 | 1556 |
| | 3 I absorbée | (A) | 2.01 | 2.15 | 2.28 | 2.41 | 2.53 | 2.65 | 2.76 | 2.87 | 2.97 |
| 50 | 1 P frigorifique | (Watt) | | 1008 | 1389 | 1805 | 2266 | 2783 | 3366 | 4026 | 4773 |
| | 2 P absorbée | (W) | | 940 | 1087 | 1221 | 1343 | 1456 | 1562 | 1663 | 1762 |
| | 3 I absorbée | (A) | | 2.16 | 2.34 | 2.51 | 2.68 | 2.84 | 2.99 | 3.14 | 3.29 |
| 60 | 1 P frigorifique | (Watt) | | | 958 | 1296 | 1662 | 2065 | 2515 | 3024 | 3601 |
| | 2 P absorbée | (W) | | | 1101 | 1276 | 1437 | 1585 | 1724 | 1855 | 1981 |
| | 3 I absorbée | (A) | | | 2.36 | 2.58 | 2.79 | 3.00 | 3.20 | 3.39 | 3.58 |

| 60 Hz R404A | | | | | | | | | | | |
|--------------------|--------------------|--------|------------|------------|------------|------------|-----------|----------|----------|-----------|-------------------|
| | | | | | | | | | | | N°224LU-TZ |
| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
| 30 | 1 P frigorifique | (Watt) | 1594 | 2085 | 2633 | 3249 | 3950 | 4747 | 5655 | 6688 | 7860 |
| | 2 P absorbée | (W) | 932 | 1061 | 1170 | 1268 | 1361 | 1455 | 1558 | 1677 | 1818 |
| | 3 I absorbée | (A) | 1.77 | 1.88 | 2.00 | 2.11 | 2.23 | 2.35 | 2.48 | 2.60 | 2.73 |
| 40 | 1 P frigorifique | (Watt) | 1181 | 1656 | 2166 | 2722 | 3339 | 4030 | 4810 | 5693 | 6692 |
| | 2 P absorbée | (W) | 902 | 1085 | 1240 | 1374 | 1494 | 1608 | 1721 | 1841 | 1975 |
| | 3 I absorbée | (A) | 1.77 | 1.92 | 2.07 | 2.22 | 2.38 | 2.54 | 2.70 | 2.87 | 3.03 |
| 50 | 1 P frigorifique | (Watt) | | 1192 | 1657 | 2147 | 2674 | 3254 | 3900 | 4626 | 5445 |
| | 2 P absorbée | (W) | | 1042 | 1259 | 1446 | 1610 | 1759 | 1898 | 2036 | 2179 |
| | 3 I absorbée | (A) | | 1.93 | 2.12 | 2.31 | 2.50 | 2.70 | 2.90 | 3.10 | 3.31 |
| 60 | 1 P frigorifique | (Watt) | | | 1126 | 1542 | 1975 | 2437 | 2942 | 3505 | 4139 |
| | 2 P absorbée | (W) | | | 1205 | 1462 | 1687 | 1887 | 2070 | 2242 | 2410 |
| | 3 I absorbée | (A) | | | 2.14 | 2.37 | 2.61 | 2.84 | 3.08 | 3.32 | 3.56 |

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

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|--------------------|--|
| TAJ4517Z-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 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°2889 |
| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
| 30 | 1 P frigorifique | (Watt) | 1100 | 1502 | 1970 | 2515 | 3149 | 3884 | 4731 | 5704 | 6813 |
| | 2 P absorbée | (W) | 697 | 780 | 856 | 927 | 994 | 1059 | 1124 | 1189 | 1256 |
| | 3 I absorbée | (A) | 1.77 | 1.85 | 1.94 | 2.03 | 2.11 | 2.19 | 2.26 | 2.33 | 2.39 |
| 40 | 1 P frigorifique | (Watt) | | 1194 | 1621 | 2109 | 2672 | 3320 | 4066 | 4921 | 5898 |
| | 2 P absorbée | (W) | | 822 | 924 | 1018 | 1107 | 1191 | 1271 | 1350 | 1428 |
| | 3 I absorbée | (A) | | 1.90 | 2.03 | 2.15 | 2.28 | 2.40 | 2.51 | 2.62 | 2.72 |
| 50 | 1 P frigorifique | (Watt) | | | 1260 | 1689 | 2178 | 2737 | 3378 | 4114 | 4956 |
| | 2 P absorbée | (W) | | | 969 | 1097 | 1217 | 1329 | 1436 | 1538 | 1638 |
| | 3 I absorbée | (A) | | | 2.08 | 2.25 | 2.42 | 2.59 | 2.75 | 2.91 | 3.06 |
| 60 | 1 P frigorifique | (Watt) | | | | 1274 | 1685 | 2152 | 2686 | 3300 | 4004 |
| | 2 P absorbée | (W) | | | | 1147 | 1308 | 1459 | 1602 | 1738 | 1869 |
| | 3 I absorbée | (A) | | | | 2.32 | 2.54 | 2.76 | 2.97 | 3.18 | 3.38 |

| 60 Hz R448A (*) | | | | | | | | | | | |
|------------------------|--------------------|--------|------|------|------|------|------|------|------|------|---------------|
| | | | | | | | | | | | N°2889 |
| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
| 30 | 1 P frigorifique | (Watt) | 1316 | 1787 | 2318 | 2926 | 3624 | 4429 | 5355 | 6417 | 7631 |
| | 2 P absorbée | (W) | 820 | 936 | 1037 | 1130 | 1220 | 1313 | 1414 | 1529 | 1663 |
| | 3 I absorbée | (A) | 1.56 | 1.66 | 1.77 | 1.88 | 2.00 | 2.12 | 2.25 | 2.37 | 2.50 |
| 40 | 1 P frigorifique | (Watt) | | 1427 | 1928 | 2487 | 3118 | 3837 | 4658 | 5598 | 6670 |
| | 2 P absorbée | (W) | | 961 | 1103 | 1230 | 1345 | 1455 | 1566 | 1683 | 1812 |
| | 3 I absorbée | (A) | | 1.70 | 1.84 | 1.99 | 2.14 | 2.30 | 2.46 | 2.62 | 2.78 |
| 50 | 1 P frigorifique | (Watt) | | | 1503 | 2010 | 2570 | 3200 | 3913 | 4726 | 5653 |
| | 2 P absorbée | (W) | | | 1122 | 1300 | 1459 | 1606 | 1745 | 1883 | 2025 |
| | 3 I absorbée | (A) | | | 1.89 | 2.08 | 2.27 | 2.47 | 2.67 | 2.87 | 3.07 |
| 60 | 1 P frigorifique | (Watt) | | | | 1517 | 2003 | 2540 | 3142 | 3825 | 4604 |
| | 2 P absorbée | (W) | | | | 1313 | 1535 | 1737 | 1923 | 2100 | 2274 |
| | 3 I absorbée | (A) | | | | 2.13 | 2.37 | 2.61 | 2.86 | 3.11 | 3.36 |

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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|--------------------|--|
| TAJ4517Z-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 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 R449A (*)

N°2283

| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
|--------------------|--------------------|--------|------|------|------|------|------|------|------|------|------|
| 30 | 1 P frigorifique | (Watt) | 1100 | 1502 | 1970 | 2515 | 3149 | 3884 | 4731 | 5704 | 6813 |
| | 2 P absorbée | (W) | 697 | 780 | 856 | 927 | 994 | 1059 | 1124 | 1189 | 1256 |
| | 3 I absorbée | (A) | 1.77 | 1.85 | 1.94 | 2.03 | 2.11 | 2.19 | 2.26 | 2.33 | 2.39 |
| 40 | 1 P frigorifique | (Watt) | | 1194 | 1621 | 2109 | 2672 | 3320 | 4066 | 4921 | 5898 |
| | 2 P absorbée | (W) | | 822 | 924 | 1018 | 1107 | 1191 | 1271 | 1350 | 1428 |
| | 3 I absorbée | (A) | | 1.90 | 2.03 | 2.15 | 2.28 | 2.40 | 2.51 | 2.62 | 2.72 |
| 50 | 1 P frigorifique | (Watt) | | | 1260 | 1689 | 2178 | 2737 | 3378 | 4114 | 4956 |
| | 2 P absorbée | (W) | | | 969 | 1097 | 1217 | 1329 | 1436 | 1538 | 1638 |
| | 3 I absorbée | (A) | | | 2.08 | 2.25 | 2.42 | 2.59 | 2.75 | 2.91 | 3.06 |
| 60 | 1 P frigorifique | (Watt) | | | | 1274 | 1685 | 2152 | 2686 | 3300 | 4004 |
| | 2 P absorbée | (W) | | | | 1147 | 1308 | 1459 | 1602 | 1738 | 1869 |
| | 3 I absorbée | (A) | | | | 2.32 | 2.54 | 2.76 | 2.97 | 3.18 | 3.38 |

60 Hz R449A (*)

N°2283

| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
|--------------------|--------------------|--------|------|------|------|------|------|------|------|------|------|
| 30 | 1 P frigorifique | (Watt) | 1316 | 1787 | 2318 | 2926 | 3624 | 4429 | 5355 | 6417 | 7631 |
| | 2 P absorbée | (W) | 820 | 936 | 1037 | 1130 | 1220 | 1313 | 1414 | 1529 | 1663 |
| | 3 I absorbée | (A) | 1.56 | 1.66 | 1.77 | 1.88 | 2.00 | 2.12 | 2.25 | 2.37 | 2.50 |
| 40 | 1 P frigorifique | (Watt) | | 1427 | 1928 | 2487 | 3118 | 3837 | 4658 | 5598 | 6670 |
| | 2 P absorbée | (W) | | 961 | 1103 | 1230 | 1345 | 1455 | 1566 | 1683 | 1812 |
| | 3 I absorbée | (A) | | 1.70 | 1.84 | 1.99 | 2.14 | 2.30 | 2.46 | 2.62 | 2.78 |
| 50 | 1 P frigorifique | (Watt) | | | 1503 | 2010 | 2570 | 3200 | 3913 | 4726 | 5653 |
| | 2 P absorbée | (W) | | | 1122 | 1300 | 1459 | 1606 | 1745 | 1883 | 2025 |
| | 3 I absorbée | (A) | | | 1.89 | 2.08 | 2.27 | 2.47 | 2.67 | 2.87 | 3.07 |
| 60 | 1 P frigorifique | (Watt) | | | | 1517 | 2003 | 2540 | 3142 | 3825 | 4604 |
| | 2 P absorbée | (W) | | | | 1313 | 1535 | 1737 | 1923 | 2100 | 2274 |
| | 3 I absorbée | (A) | | | | 2.13 | 2.37 | 2.61 | 2.86 | 3.11 | 3.36 |

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 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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