



Compressor
Voltage Code : TZ

AJ2464P-TZ

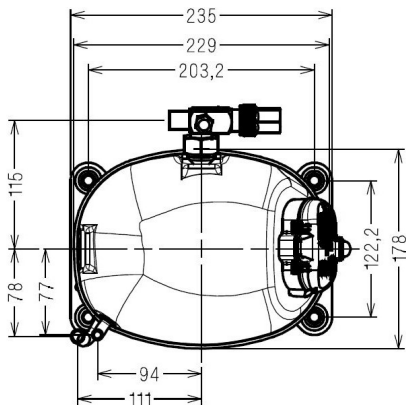
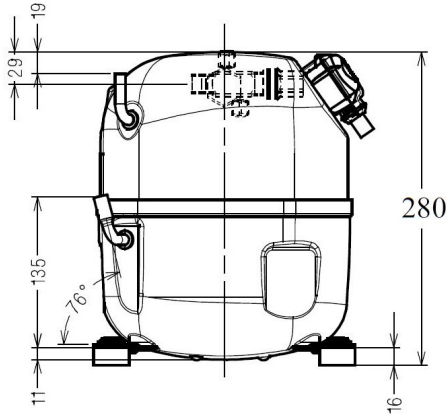
Low Temp. Commercial (BP)

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

R452A / R404A / R455A / R454C

AJ2464P-TZ1A

| Conditions | Frequency | Nominal Cooling Capacity | | Sound Power ISO3745 / ISO 3743-1 |
|-----------------|---------------|--------------------------|-------------|-------------------------------------|
| | | Watts | BTU/h | |
| EN12900 / R452A | 50 Hz / 60 Hz | 768 / 844 | 2617 / 2878 | 61 dBA |
| EN12900 / R404A | 50 Hz / 60 Hz | 824 / 906 | 2811 / 3089 | 61 dBA |
| EN12900 / R455A | 50 Hz / 60 Hz | 744 / 874 | 2539 / 2981 | 61 dBA |
| EN12900 / R454C | 50 Hz / 60 Hz | 656 / 759 | 2238 / 2588 | 61 dBA |



| | |
|-------------------------------------|--------------------------------|
| Displacement (cc) | 34,5 |
| Net Weight (Kg) | 21.2 |
| Oil Quantity (cc) | 475.0 |
| Oil Type | Polyolester |
| Expansion Device | Capillary_Tube/Expansion_Valve |
| Cooling | Fan |
| Main Winding (Ohm) | 11.8 |
| Current | |
| RLA (A) | 2,2 2,1 |
| MCC (A) | 3,8 4 |
| LRA (A) | 16 16,5 |
| Electrical Equipment | TRI |
| Overload | Interne |
| Refrigerating connection for | |
| Suction Tube | 15.9 (5/8") |
| Discharge Tube | 7.9 (5/16") |
| Process Tube | 6.35 (1/4") |

* EN12900 : T°Cond. 40.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 0.0K

Certificates :



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|-------------------|--------------------------------------------------|
| AJ2464P-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz |
|-------------------|--------------------------------------------------|

| | | |
|--------------------------------------------------------------------|------------------------|---------|
| Les performances sont données dans les conditions EN12900 : | Gaz aspirés : | 20.0 °C |
| Condition Mid | Sous refroidissement : | 0.0 K |
| The performance data are in EN12900 conditions : | Return gas : | 20.0 °C |
| Mid Condition | Subcooling : | 0.0 K |

| 50 Hz R452A | | | | | | | | | |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| N°3610 | | | | | | | | | |
| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
| 30 | 1 P frigorifique | (Watt) | 705 | 975 | 1305 | 1701 | 2173 | 2727 | 3373 |
| | 2 P absorbée | (W) | 629 | 746 | 865 | 989 | 1119 | 1256 | 1401 |
| | 3 I absorbée | (A) | 1.49 | 1.61 | 1.76 | 1.92 | 2.10 | 2.31 | 2.53 |
| 40 | 1 P frigorifique | (Watt) | 533 | 768 | 1051 | 1391 | 1796 | 2274 | 2834 |
| | 2 P absorbée | (W) | 603 | 742 | 885 | 1032 | 1185 | 1345 | 1514 |
| | 3 I absorbée | (A) | 1.45 | 1.61 | 1.79 | 1.99 | 2.20 | 2.44 | 2.69 |
| 50 | 1 P frigorifique | (Watt) | | 566 | 800 | 1082 | 1419 | 1819 | 2291 |
| | 2 P absorbée | (W) | | 716 | 883 | 1054 | 1232 | 1417 | 1610 |
| | 3 I absorbée | (A) | | 1.58 | 1.80 | 2.03 | 2.27 | 2.54 | 2.82 |
| 60 | 1 P frigorifique | (Watt) | | | | 786 | 1052 | 1373 | 1754 |
| | 2 P absorbée | (W) | | | | 1055 | 1259 | 1469 | 1689 |
| | 3 I absorbée | (A) | | | | 2.03 | 2.31 | 2.60 | 2.91 |

| 60 Hz R452A | | | | | | | | | |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| N°3610 | | | | | | | | | |
| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
| 30 | 1 P frigorifique | (Watt) | 773 | 1071 | 1435 | 1874 | 2396 | 3010 | 3726 |
| | 2 P absorbée | (W) | 726 | 868 | 1009 | 1154 | 1310 | 1481 | 1674 |
| | 3 I absorbée | (A) | 1.39 | 1.55 | 1.73 | 1.92 | 2.15 | 2.39 | 2.66 |
| 40 | 1 P frigorifique | (Watt) | 587 | 844 | 1156 | 1533 | 1982 | 2513 | 3135 |
| | 2 P absorbée | (W) | 689 | 859 | 1029 | 1202 | 1387 | 1587 | 1809 |
| | 3 I absorbée | (A) | 1.35 | 1.54 | 1.76 | 1.99 | 2.25 | 2.52 | 2.82 |
| 50 | 1 P frigorifique | (Watt) | | 628 | 886 | 1197 | 1571 | 2017 | 2542 |
| | 2 P absorbée | (W) | | 816 | 1013 | 1215 | 1428 | 1657 | 1908 |
| | 3 I absorbée | (A) | | 1.51 | 1.75 | 2.02 | 2.31 | 2.62 | 2.94 |
| 60 | 1 P frigorifique | (Watt) | | | | 879 | 1176 | 1533 | 1961 |
| | 2 P absorbée | (W) | | | | 1213 | 1454 | 1711 | 1991 |
| | 3 I absorbée | (A) | | | | 2.02 | 2.33 | 2.67 | 3.03 |

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

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

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|-------------------|--------------------------------------------------|
| AJ2464P-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz |
|-------------------|--------------------------------------------------|

| | | |
|--------------------------------------------------------------------|------------------------|---------|
| Les performances sont données dans les conditions EN12900 : | Gaz aspirés : | 20.0 °C |
| Condition Mid | Sous refroidissement : | 0.0 K |
| The performance data are in EN12900 conditions : | Return gas : | 20.0 °C |
| Mid Condition | Subcooling : | 0.0 K |

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50 Hz R404A

N°3611

| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
|--------------------|--------------------|--------|------|------|------|------|------|------|------|
| 30 | 1 P frigorifique | (Watt) | 758 | 1037 | 1374 | 1775 | 2246 | 2793 | 3423 |
| | 2 P absorbée | (W) | 655 | 776 | 897 | 1021 | 1147 | 1278 | 1413 |
| | 3 I absorbée | (A) | 1.58 | 1.70 | 1.84 | 2.00 | 2.17 | 2.36 | 2.57 |
| 40 | 1 P frigorifique | (Watt) | 582 | 824 | 1114 | 1456 | 1858 | 2325 | 2865 |
| | 2 P absorbée | (W) | 640 | 782 | 925 | 1071 | 1221 | 1376 | 1536 |
| | 3 I absorbée | (A) | 1.56 | 1.72 | 1.89 | 2.08 | 2.29 | 2.51 | 2.75 |
| 50 | 1 P frigorifique | (Watt) | | 614 | 855 | 1139 | 1471 | 1859 | 2308 |
| | 2 P absorbée | (W) | | 767 | 934 | 1105 | 1280 | 1461 | 1649 |
| | 3 I absorbée | (A) | | 1.71 | 1.92 | 2.14 | 2.38 | 2.63 | 2.90 |
| 60 | 1 P frigorifique | (Watt) | | | 602 | 827 | 1090 | 1397 | 1755 |
| | 2 P absorbée | (W) | | | 922 | 1120 | 1323 | 1532 | 1750 |
| | 3 I absorbée | (A) | | | 1.92 | 2.17 | 2.44 | 2.73 | 3.03 |

60 Hz R404A

N°3611

| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
|--------------------|--------------------|--------|------|------|------|------|------|------|------|
| 30 | 1 P frigorifique | (Watt) | 831 | 1139 | 1512 | 1956 | 2477 | 3083 | 3781 |
| | 2 P absorbée | (W) | 753 | 901 | 1044 | 1188 | 1338 | 1500 | 1678 |
| | 3 I absorbée | (A) | 1.47 | 1.63 | 1.80 | 2.00 | 2.21 | 2.44 | 2.70 |
| 40 | 1 P frigorifique | (Watt) | 640 | 906 | 1225 | 1603 | 2049 | 2568 | 3167 |
| | 2 P absorbée | (W) | 733 | 907 | 1077 | 1250 | 1429 | 1621 | 1831 |
| | 3 I absorbée | (A) | 1.45 | 1.64 | 1.85 | 2.08 | 2.32 | 2.59 | 2.88 |
| 50 | 1 P frigorifique | (Watt) | | 681 | 945 | 1259 | 1628 | 2059 | 2559 |
| | 2 P absorbée | (W) | | 874 | 1073 | 1274 | 1484 | 1708 | 1951 |
| | 3 I absorbée | (A) | | 1.62 | 1.87 | 2.13 | 2.41 | 2.71 | 3.03 |
| 60 | 1 P frigorifique | (Watt) | | | 676 | 924 | 1216 | 1559 | 1959 |
| | 2 P absorbée | (W) | | | 1054 | 1286 | 1527 | 1782 | 2058 |
| | 3 I absorbée | (A) | | | 1.85 | 2.15 | 2.46 | 2.80 | 3.15 |

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| | |
|-------------------|--------------------------------------------------|
| AJ2464P-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz |
|-------------------|--------------------------------------------------|

Les performances sont données dans les **conditions EN12900** :
 Condition Mid
 The performance data are in **EN12900 conditions** :
 Mid Condition

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

| 50 Hz R455A | | | | | | | | | |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| N°3323 | | | | | | | | | |
| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
| 30 | 1 P frigorifique | (Watt) | 667 | 948 | 1289 | 1697 | 2180 | 2745 | 3400 |
| | 2 P absorbée | (W) | 605 | 723 | 842 | 961 | 1078 | 1193 | 1303 |
| | 3 I absorbée | (A) | 1.46 | 1.59 | 1.74 | 1.89 | 2.05 | 2.21 | 2.36 |
| 40 | 1 P frigorifique | (Watt) | 499 | 744 | 1040 | 1393 | 1812 | 2304 | 2877 |
| | 2 P absorbée | (W) | 586 | 721 | 860 | 1003 | 1148 | 1293 | 1438 |
| | 3 I absorbée | (A) | 1.45 | 1.59 | 1.75 | 1.94 | 2.14 | 2.35 | 2.55 |
| 50 | 1 P frigorifique | (Watt) | | 547 | 795 | 1092 | 1445 | 1863 | 2352 |
| | 2 P absorbée | (W) | | 695 | 852 | 1015 | 1185 | 1358 | 1534 |
| | 3 I absorbée | (A) | | 1.56 | 1.75 | 1.96 | 2.19 | 2.44 | 2.70 |
| 60 | 1 P frigorifique | (Watt) | | | 564 | 803 | 1090 | 1432 | 1836 |
| | 2 P absorbée | (W) | | | 818 | 1000 | 1190 | 1388 | 1592 |
| | 3 I absorbée | (A) | | | 1.72 | 1.95 | 2.22 | 2.50 | 2.81 |

| 60 Hz R455A | | | | | | | | | |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| N°3323 | | | | | | | | | |
| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
| 30 | 1 P frigorifique | (Watt) | 790 | 1112 | 1503 | 1972 | 2529 | 3183 | 3943 |
| | 2 P absorbée | (W) | 710 | 858 | 1009 | 1164 | 1319 | 1475 | 1629 |
| | 3 I absorbée | (A) | 1.37 | 1.53 | 1.71 | 1.90 | 2.12 | 2.35 | 2.61 |
| 40 | 1 P frigorifique | (Watt) | 595 | 874 | 1212 | 1618 | 2101 | 2671 | 3337 |
| | 2 P absorbée | (W) | 678 | 844 | 1018 | 1199 | 1385 | 1576 | 1769 |
| | 3 I absorbée | (A) | 1.35 | 1.52 | 1.72 | 1.94 | 2.18 | 2.44 | 2.73 |
| 50 | 1 P frigorifique | (Watt) | | 648 | 933 | 1276 | 1685 | 2171 | 2742 |
| | 2 P absorbée | (W) | | 805 | 998 | 1203 | 1417 | 1639 | 1867 |
| | 3 I absorbée | (A) | | 1.48 | 1.71 | 1.95 | 2.23 | 2.52 | 2.84 |
| 60 | 1 P frigorifique | (Watt) | | | 674 | 953 | 1289 | 1691 | 2168 |
| | 2 P absorbée | (W) | | | 952 | 1176 | 1415 | 1665 | 1925 |
| | 3 I absorbée | (A) | | | 1.63 | 1.91 | 2.22 | 2.55 | 2.91 |

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|-------------------|--------------------------------------------------|
| AJ2464P-TZ | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz |
|-------------------|--------------------------------------------------|

| | | |
|--------------------------------------------------------------------|------------------------|---------|
| Les performances sont données dans les conditions EN12900 : | Gaz aspirés : | 20.0 °C |
| Condition Mid | Sous refroidissement : | 0.0 K |
| The performance data are in EN12900 conditions : | Return gas : | 20.0 °C |
| Mid Condition | Subcooling : | 0.0 K |

| | | | | | | | | | |
|-------------------------------------------------------------------------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| 50 Hz R454C | | | | | | | | | |
| N°3322 | | | | | | | | | |
|  | | | | | | | | | |
| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
| 30 | 1 P frigorifique | (Watt) | 582 | 828 | 1129 | 1491 | 1921 | 2428 | 3017 |
| | 2 P absorbée | (W) | 529 | 637 | 744 | 851 | 960 | 1071 | 1185 |
| | 3 I absorbée | (A) | 1.42 | 1.52 | 1.65 | 1.79 | 1.94 | 2.09 | 2.22 |
| 40 | 1 P frigorifique | (Watt) | 441 | 656 | 918 | 1233 | 1609 | 2052 | 2569 |
| | 2 P absorbée | (W) | 509 | 636 | 763 | 890 | 1019 | 1151 | 1285 |
| | 3 I absorbée | (A) | 1.40 | 1.51 | 1.65 | 1.82 | 1.99 | 2.18 | 2.36 |
| 50 | 1 P frigorifique | (Watt) | | 489 | 711 | 977 | 1297 | 1675 | 2120 |
| | 2 P absorbée | (W) | | 609 | 757 | 906 | 1056 | 1210 | 1367 |
| | 3 I absorbée | (A) | | 1.49 | 1.65 | 1.83 | 2.04 | 2.26 | 2.48 |
| 60 | 1 P frigorifique | (Watt) | | | 513 | 731 | 993 | 1306 | 1677 |
| | 2 P absorbée | (W) | | | 722 | 894 | 1068 | 1245 | 1426 |
| | 3 I absorbée | (A) | | | 1.65 | 1.86 | 2.10 | 2.35 | 2.62 |

| | | | | | | | | | |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| 60 Hz R454C | | | | | | | | | |
| N°3322 | | | | | | | | | |
| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
| 30 | 1 P frigorifique | (Watt) | 669 | 950 | 1294 | 1708 | 2201 | 2780 | 3455 |
| | 2 P absorbée | (W) | 614 | 748 | 886 | 1025 | 1165 | 1304 | 1440 |
| | 3 I absorbée | (A) | 1.29 | 1.43 | 1.59 | 1.76 | 1.94 | 2.15 | 2.36 |
| 40 | 1 P frigorifique | (Watt) | 511 | 759 | 1060 | 1423 | 1855 | 2364 | 2959 |
| | 2 P absorbée | (W) | 588 | 739 | 896 | 1060 | 1227 | 1397 | 1567 |
| | 3 I absorbée | (A) | 1.26 | 1.42 | 1.60 | 1.79 | 2.00 | 2.24 | 2.49 |
| 50 | 1 P frigorifique | (Watt) | | 567 | 823 | 1131 | 1500 | 1937 | 2450 |
| | 2 P absorbée | (W) | | 705 | 880 | 1065 | 1257 | 1456 | 1658 |
| | 3 I absorbée | (A) | | 1.38 | 1.57 | 1.79 | 2.04 | 2.30 | 2.59 |
| 60 | 1 P frigorifique | (Watt) | | | 594 | 845 | 1148 | 1510 | 1939 |
| | 2 P absorbée | (W) | | | 837 | 1041 | 1255 | 1480 | 1712 |
| | 3 I absorbée | (A) | | | 1.51 | 1.75 | 2.02 | 2.32 | 2.65 |

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