

Compressor  
Voltage Code : TZ

# TAG2522Z

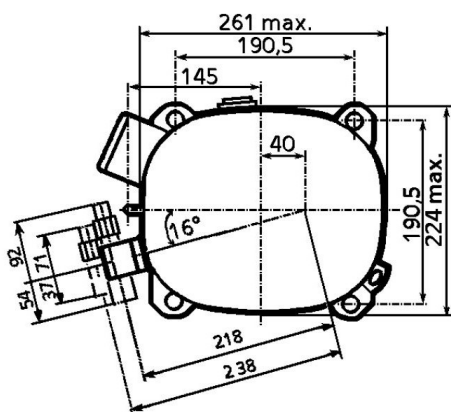
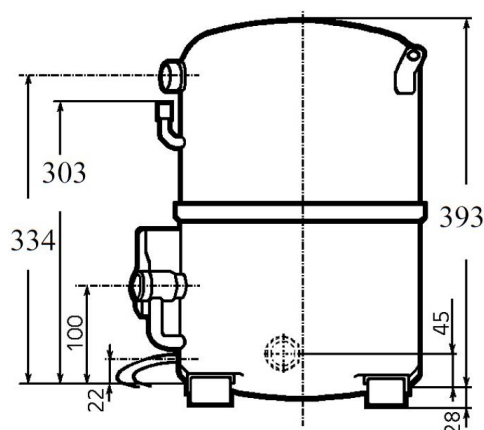
Low Temp. Commercial (BP)

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

R452A / R404A / R448A / R449A

AGB2518ZTZ

| Conditions      | Frequency     | Nominal Cooling Capacity |              | Sound Power<br>ISO3745 / ISO 3743-1 |
|-----------------|---------------|--------------------------|--------------|-------------------------------------|
|                 |               | Watts                    | BTU/h        |                                     |
| EN12900 / R452A | 50 Hz / 60 Hz | 2473 / 3174              | 8432 / 10825 | 79 dBA                              |
| EN12900 / R404A | 50 Hz / 60 Hz | 2685 / 3448              | 9157 / 11759 | 79 dBA                              |
| EN12900 / R448A | 50 Hz / 60 Hz | 2091 / 2684              | 7129 / 9154  | 79 dBA                              |
| EN12900 / R449A | 50 Hz / 60 Hz | 2091 / 2684              | 7129 / 9154  | 79 dBA                              |



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

Certificates :



|                                 |                                |
|---------------------------------|--------------------------------|
| Displacement (cc)               | 134.8                          |
| Net Weight (Kg)                 | 47.0                           |
| Oil Quantity (cc)               | 1760.0                         |
| Oil Type                        | Polyolester                    |
| Expansion Device                | Capillary_Tube/Expansion_Valve |
| Cooling                         | Fan                            |
| Main Winding (Ohm)              | 2.6                            |
| Current                         |                                |
| RLA (A)                         | 5.7   6.1                      |
| MCC (A)                         | 13.4   13.8                    |
| LRA (A)                         | 56   58                        |
| Electrical Equipment            | TRI                            |
| Overload                        | Interne                        |
| Refrigerating connection for OD |                                |
| Suction Tube                    | 28.6 (1"1/8)                   |
| Discharge Tube                  | 15.9 (5/8")                    |
| Process Tube                    | 6.35 (1/4")                    |

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|                 |                                                  |
|-----------------|--------------------------------------------------|
| <b>TAG2522Z</b> | <b>Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz</b> |
|-----------------|--------------------------------------------------|

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

| <b>50 Hz R452A</b> |                    |        |      |      |      |      |      |       |       |
|--------------------|--------------------|--------|------|------|------|------|------|-------|-------|
|                    |                    |        |      |      |      |      |      |       |       |
| 4   T condensation | 5   T évaporation  | (°C)   | -40  | -35  | -30  | -25  | -20  | -15   | -10   |
| <b>30</b>          | 1   P frigorifique | (Watt) | 2246 | 3243 | 4488 | 6020 | 7881 | 10114 | 12760 |
|                    | 2   P absorbée     | (W)    | 1880 | 2287 | 2722 | 3190 | 3697 | 4249  | 4853  |
|                    | 3   I absorbée     | (A)    | 4.11 | 4.57 | 5.11 | 5.72 | 6.41 | 7.18  | 8.03  |
| <b>40</b>          | 1   P frigorifique | (Watt) | 1610 | 2473 | 3535 | 4839 | 6426 | 8337  | 10615 |
|                    | 2   P absorbée     | (W)    | 1742 | 2205 | 2694 | 3215 | 3773 | 4376  | 5028  |
|                    | 3   I absorbée     | (A)    | 3.94 | 4.49 | 5.11 | 5.80 | 6.57 | 7.41  | 8.34  |
| <b>50</b>          | 1   P frigorifique | (Watt) |      | 1729 | 2611 | 3688 | 5002 | 6594  | 8505  |
|                    | 2   P absorbée     | (W)    |      | 2058 | 2606 | 3184 | 3799 | 4457  | 5162  |
|                    | 3   I absorbée     | (A)    |      | 4.29 | 4.99 | 5.76 | 6.60 | 7.52  | 8.51  |
| <b>60</b>          | 1   P frigorifique | (Watt) |      |      |      | 2603 | 3645 | 4919  | 6466  |
|                    | 2   P absorbée     | (W)    |      |      |      | 3089 | 3766 | 4483  | 5248  |
|                    | 3   I absorbée     | (A)    |      |      |      | 5.61 | 6.52 | 7.50  | 8.56  |

| <b>60 Hz R452A</b> |                    |        |      |      |      |      |      |       |       |
|--------------------|--------------------|--------|------|------|------|------|------|-------|-------|
|                    |                    |        |      |      |      |      |      |       |       |
| 4   T condensation | 5   T évaporation  | (°C)   | -40  | -35  | -30  | -25  | -20  | -15   | -10   |
| <b>30</b>          | 1   P frigorifique | (Watt) | 2881 | 4126 | 5594 | 7317 | 9329 | 11661 | 14346 |
|                    | 2   P absorbée     | (W)    | 2422 | 2955 | 3515 | 4145 | 4888 | 5786  | 6881  |
|                    | 3   I absorbée     | (A)    | 4.24 | 4.84 | 5.52 | 6.26 | 7.09 | 7.99  | 8.97  |
| <b>40</b>          | 1   P frigorifique | (Watt) | 2011 | 3174 | 4531 | 6114 | 7955 | 10086 | 12540 |
|                    | 2   P absorbée     | (W)    | 2182 | 2844 | 3491 | 4165 | 4909 | 5765  | 6777  |
|                    | 3   I absorbée     | (A)    | 3.99 | 4.76 | 5.60 | 6.50 | 7.48 | 8.54  | 9.67  |
| <b>50</b>          | 1   P frigorifique | (Watt) |      | 2133 | 3339 | 4741 | 6372 | 8263  | 10447 |
|                    | 2   P absorbée     | (W)    |      | 2548 | 3346 | 4129 | 4939 | 5820  | 6813  |
|                    | 3   I absorbée     | (A)    |      | 4.38 | 5.38 | 6.44 | 7.57 | 8.77  | 10.0  |
| <b>60</b>          | 1   P frigorifique | (Watt) |      |      |      | 3303 | 4683 | 6295  | 8169  |
|                    | 2   P absorbée     | (W)    |      |      |      | 3928 | 4870 | 5840  | 6879  |
|                    | 3   I absorbée     | (A)    |      |      |      | 6.08 | 7.36 | 8.70  | 10.1  |

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

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|                 |                                                  |
|-----------------|--------------------------------------------------|
| <b>TAG2522Z</b> | <b>Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz</b> |
|-----------------|--------------------------------------------------|

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

## 50 Hz R404A

### N°127LU-T

| 4   T condensation | 5   T évaporation  | (°C)   | -40  | -35  | -30  | -25  | -20  | -15   | -10   |
|--------------------|--------------------|--------|------|------|------|------|------|-------|-------|
| <b>30</b>          | 1   P frigorifique | (Watt) | 2463 | 3525 | 4837 | 6435 | 8352 | 10625 | 13287 |
|                    | 2   P absorbée     | (W)    | 2013 | 2455 | 2921 | 3415 | 3942 | 4506  | 5111  |
|                    | 3   I absorbée     | (A)    | 4.41 | 4.91 | 5.48 | 6.12 | 6.83 | 7.61  | 8.46  |
| <b>40</b>          | 1   P frigorifique | (Watt) | 1777 | 2685 | 3793 | 5136 | 6747 | 8661  | 10914 |
|                    | 2   P absorbée     | (W)    | 1899 | 2389 | 2905 | 3449 | 4026 | 4640  | 5297  |
|                    | 3   I absorbée     | (A)    | 4.28 | 4.86 | 5.51 | 6.22 | 7.01 | 7.86  | 8.78  |
| <b>50</b>          | 1   P frigorifique | (Watt) |      | 1883 | 2799 | 3899 | 5217 | 6787  | 8644  |
|                    | 2   P absorbée     | (W)    |      | 2257 | 2829 | 3430 | 4065 | 4739  | 5455  |
|                    | 3   I absorbée     | (A)    |      | 4.70 | 5.42 | 6.21 | 7.07 | 7.99  | 8.99  |
| <b>60</b>          | 1   P frigorifique | (Watt) |      |      | 1858 | 2728 | 3766 | 5004  | 6479  |
|                    | 2   P absorbée     | (W)    |      |      | 2684 | 3350 | 4051 | 4791  | 5574  |
|                    | 3   I absorbée     | (A)    |      |      | 5.22 | 6.08 | 7.01 | 8.02  | 9.09  |

## 60 Hz R404A

### N°127LU-T

| 4   T condensation | 5   T évaporation  | (°C)   | -40  | -35  | -30  | -25  | -20  | -15   | -10   |
|--------------------|--------------------|--------|------|------|------|------|------|-------|-------|
| <b>30</b>          | 1   P frigorifique | (Watt) | 3160 | 4484 | 6028 | 7821 | 9886 | 12250 | 14939 |
|                    | 2   P absorbée     | (W)    | 2594 | 3172 | 3773 | 4439 | 5212 | 6134  | 7248  |
|                    | 3   I absorbée     | (A)    | 4.54 | 5.20 | 5.92 | 6.71 | 7.56 | 8.47  | 9.45  |
| <b>40</b>          | 1   P frigorifique | (Watt) | 2218 | 3448 | 4863 | 6490 | 8353 | 10479 | 12893 |
|                    | 2   P absorbée     | (W)    | 2379 | 3081 | 3763 | 4468 | 5237 | 6114  | 7139  |
|                    | 3   I absorbée     | (A)    | 4.34 | 5.16 | 6.03 | 6.98 | 7.98 | 9.05  | 10.2  |
| <b>50</b>          | 1   P frigorifique | (Watt) |      | 2322 | 3580 | 5012 | 6646 | 8505  | 10618 |
|                    | 2   P absorbée     | (W)    |      | 2795 | 3631 | 4447 | 5286 | 6189  | 7199  |
|                    | 3   I absorbée     | (A)    |      | 4.81 | 5.84 | 6.94 | 8.10 | 9.33  | 10.6  |
| <b>60</b>          | 1   P frigorifique | (Watt) |      |      | 2251 | 3462 | 4838 | 6404  | 8186  |
|                    | 2   P absorbée     | (W)    |      |      | 3258 | 4258 | 5239 | 6241  | 7307  |
|                    | 3   I absorbée     | (A)    |      |      | 5.34 | 6.60 | 7.92 | 9.30  | 10.7  |

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|                 |                                                  |
|-----------------|--------------------------------------------------|
| <b>TAG2522Z</b> | <b>Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz</b> |
|-----------------|--------------------------------------------------|

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

| <b>50 Hz R448A (*)</b> |                    |        |            |            |            |            |            |            |            |
|------------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| <b>N°2780</b>          |                    |        |            |            |            |            |            |            |            |
| 4   T condensation     | 5   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>30</b>              | 1   P frigorifique | (Watt) | 1796       | 2747       | 3961       | 5479       | 7343       | 9595       | 12276      |
|                        | 2   P absorbée     | (W)    | 1716       | 2121       | 2548       | 3004       | 3496       | 4029       | 4610       |
|                        | 3   I absorbée     | (A)    | 3.76       | 4.24       | 4.78       | 5.39       | 6.06       | 6.80       | 7.63       |
| <b>40</b>              | 1   P frigorifique | (Watt) | 1281       | 2091       | 3119       | 4408       | 5999       | 7935       | 10256      |
|                        | 2   P absorbée     | (W)    | 1618       | 2073       | 2547       | 3046       | 3576       | 4145       | 4757       |
|                        | 3   I absorbée     | (A)    | 3.65       | 4.21       | 4.83       | 5.50       | 6.22       | 7.02       | 7.89       |
| <b>50</b>              | 1   P frigorifique | (Watt) |            | 1476       | 2342       | 3425       | 4768       | 6411       | 8396       |
|                        | 2   P absorbée     | (W)    |            | 1951       | 2486       | 3044       | 3629       | 4248       | 4907       |
|                        | 3   I absorbée     | (A)    |            | 4.06       | 4.76       | 5.51       | 6.31       | 7.17       | 8.09       |
| <b>60</b>              | 1   P frigorifique | (Watt) |            |            |            | 2562       | 3678       | 5052       | 6725       |
|                        | 2   P absorbée     | (W)    |            |            |            | 2971       | 3626       | 4312       | 5034       |
|                        | 3   I absorbée     | (A)    |            |            |            | 5.39       | 6.28       | 7.21       | 8.21       |

| <b>60 Hz R448A (*)</b> |                    |        |            |            |            |            |            |            |            |
|------------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| <b>N°2780</b>          |                    |        |            |            |            |            |            |            |            |
| 4   T condensation     | 5   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>30</b>              | 1   P frigorifique | (Watt) | 2306       | 3496       | 4937       | 6659       | 8691       | 11061      | 13799      |
|                        | 2   P absorbée     | (W)    | 2212       | 2740       | 3290       | 3902       | 4620       | 5486       | 6541       |
|                        | 3   I absorbée     | (A)    | 3.87       | 4.49       | 5.17       | 5.90       | 6.70       | 7.57       | 8.52       |
| <b>40</b>              | 1   P frigorifique | (Watt) | 1597       | 2684       | 3999       | 5571       | 7428       | 9600       | 12116      |
|                        | 2   P absorbée     | (W)    | 2026       | 2675       | 3301       | 3945       | 4650       | 5459       | 6412       |
|                        | 3   I absorbée     | (A)    | 3.70       | 4.47       | 5.29       | 6.16       | 7.09       | 8.09       | 9.15       |
| <b>50</b>              | 1   P frigorifique | (Watt) |            | 1819       | 2994       | 4403       | 6073       | 8035       | 10316      |
|                        | 2   P absorbée     | (W)    |            | 2414       | 3194       | 3948       | 4718       | 5546       | 6475       |
|                        | 3   I absorbée     | (A)    |            | 4.16       | 5.13       | 6.16       | 7.23       | 8.36       | 9.55       |
| <b>60</b>              | 1   P frigorifique | (Watt) |            |            |            | 3252       | 4723       | 6462       | 8496       |
|                        | 2   P absorbée     | (W)    |            |            |            | 3778       | 4690       | 5616       | 6599       |
|                        | 3   I absorbée     | (A)    |            |            |            | 5.85       | 7.08       | 8.36       | 9.70       |

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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|-----------------|--------------------------------------------------|
| <b>TAG2522Z</b> | <b>Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz</b> |
|-----------------|--------------------------------------------------|

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

| <b>50 Hz R449A (*)</b> |                    |        |            |            |            |            |            |            |               |
|------------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|---------------|
|                        |                    |        |            |            |            |            |            |            | <b>N°2039</b> |
| 4   T condensation     | 5   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>30</b>              | 1   P frigorifique | (Watt) | 1796       | 2747       | 3961       | 5479       | 7343       | 9595       | 12276         |
|                        | 2   P absorbée     | (W)    | 1716       | 2121       | 2548       | 3004       | 3496       | 4029       | 4610          |
|                        | 3   I absorbée     | (A)    | 3.76       | 4.24       | 4.78       | 5.39       | 6.06       | 6.80       | 7.63          |
| <b>40</b>              | 1   P frigorifique | (Watt) | 1281       | 2091       | 3119       | 4408       | 5999       | 7935       | 10256         |
|                        | 2   P absorbée     | (W)    | 1618       | 2073       | 2547       | 3046       | 3576       | 4145       | 4757          |
|                        | 3   I absorbée     | (A)    | 3.65       | 4.21       | 4.83       | 5.50       | 6.22       | 7.02       | 7.89          |
| <b>50</b>              | 1   P frigorifique | (Watt) |            | 1476       | 2342       | 3425       | 4768       | 6411       | 8396          |
|                        | 2   P absorbée     | (W)    |            | 1951       | 2486       | 3044       | 3629       | 4248       | 4907          |
|                        | 3   I absorbée     | (A)    |            | 4.06       | 4.76       | 5.51       | 6.31       | 7.17       | 8.09          |
| <b>60</b>              | 1   P frigorifique | (Watt) |            |            |            | 2562       | 3678       | 5052       | 6725          |
|                        | 2   P absorbée     | (W)    |            |            |            | 2971       | 3626       | 4312       | 5034          |
|                        | 3   I absorbée     | (A)    |            |            |            | 5.39       | 6.28       | 7.21       | 8.21          |

| <b>60 Hz R449A (*)</b> |                    |        |            |            |            |            |            |            |               |
|------------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|---------------|
|                        |                    |        |            |            |            |            |            |            | <b>N°2039</b> |
| 4   T condensation     | 5   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>30</b>              | 1   P frigorifique | (Watt) | 2306       | 3496       | 4937       | 6659       | 8691       | 11061      | 13799         |
|                        | 2   P absorbée     | (W)    | 2212       | 2740       | 3290       | 3902       | 4620       | 5486       | 6541          |
|                        | 3   I absorbée     | (A)    | 3.87       | 4.49       | 5.17       | 5.90       | 6.70       | 7.57       | 8.52          |
| <b>40</b>              | 1   P frigorifique | (Watt) | 1597       | 2684       | 3999       | 5571       | 7428       | 9600       | 12116         |
|                        | 2   P absorbée     | (W)    | 2026       | 2675       | 3301       | 3945       | 4650       | 5459       | 6412          |
|                        | 3   I absorbée     | (A)    | 3.70       | 4.47       | 5.29       | 6.16       | 7.09       | 8.09       | 9.15          |
| <b>50</b>              | 1   P frigorifique | (Watt) |            | 1819       | 2994       | 4403       | 6073       | 8035       | 10316         |
|                        | 2   P absorbée     | (W)    |            | 2414       | 3194       | 3948       | 4718       | 5546       | 6475          |
|                        | 3   I absorbée     | (A)    |            | 4.16       | 5.13       | 6.16       | 7.23       | 8.36       | 9.55          |
| <b>60</b>              | 1   P frigorifique | (Watt) |            |            |            | 3252       | 4723       | 6462       | 8496          |
|                        | 2   P absorbée     | (W)    |            |            |            | 3778       | 4690       | 5616       | 6599          |
|                        | 3   I absorbée     | (A)    |            |            |            | 5.85       | 7.08       | 8.36       | 9.70          |

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

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