



Compressor  
Voltage Code : TZ

TFH5524E

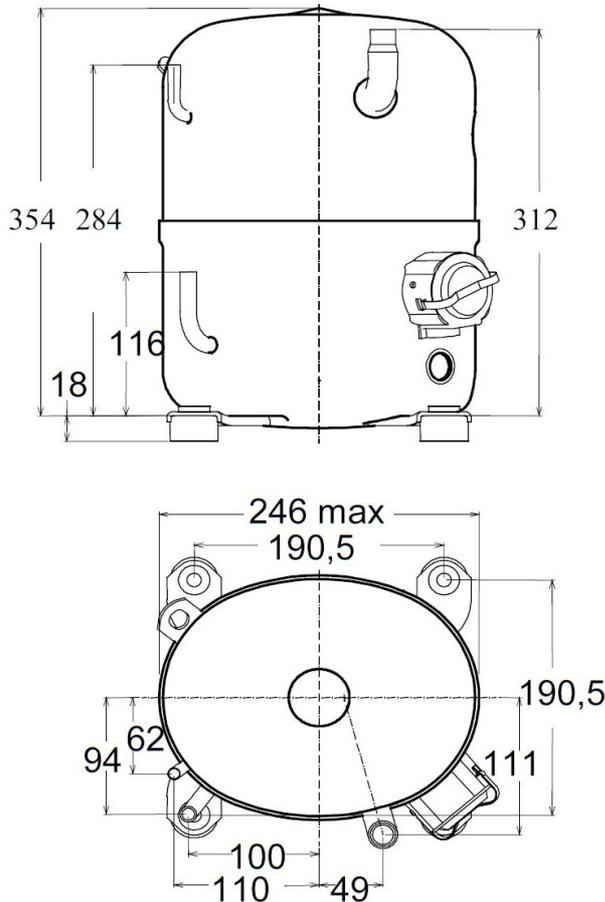
Air Conditioning & Heating (CA)

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

R22

AHC5524ETZ

| Conditions    | Frequency     | Nominal Cooling Capacity |               | Sound Power<br>ISO3745 / ISO 3743-1 |
|---------------|---------------|--------------------------|---------------|-------------------------------------|
|               |               | Watts                    | BTU/h         |                                     |
| EN12900 / R22 | 50 Hz / 60 Hz | 5244 / 6173              | 17883 / 21050 | 68 dBA                              |



|  |                                |
|--|--------------------------------|
| <b>Displacement (cc)</b>               | 43.5                           |
| <b>Net Weight (Kg)</b>                 | 31.0                           |
| <b>Oil Quantity (cc)</b>               | 1330.0                         |
| <b>Oil Type</b>                        | Mineral                        |
| <b>Expansion Device</b>                | Capillary_Tube/Expansion_Valve |
| <b>Cooling</b>                         | Fan                            |
| <b>Main Winding (Ohm)</b>              | 6.28                           |
| <b>Current</b>                         |                                |
| RLA (A)                                | 4   3.9                        |
| MCC (A)                                | 5.8   5.8                      |
| LRA (A)                                | 24   25                        |
| <b>Electrical Equipment</b>            | TRI                            |
| <b>Overload</b>                        | Interne                        |
| <b>Refrigerating connection for OD</b> |                                |
| Suction Tube                           | 15.9 (5/8")                    |
| Discharge Tube                         | 9.5 (3/8")                     |
| Process Tube                           | 6.35 (1/4")                    |

\* EN12900 : T°Cond. 50.0°C / T°Evap. 5.0°C / T°Superheat. 10.0°C  
T°Subcooling. 0.0K

Certificates :



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**Tecumseh**

|                 |  |
|-----------------|--|
| <b>TFH5524E</b> | <b>Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz</b> |
|-----------------|--|

|  |                        |        |
|--|------------------------|--------|
| Les performances sont données dans les <b>conditions EN12900</b> : | Surchauffe :           | 10.0 K |
| Condition Dew  | Sous refroidissement : | 0.0 K  |
| The performance data are in <b>EN12900 conditions</b> :            | Superheat :            | 10.0 K |
| Dew Condition  | Subcooling :           | 0.0 K  |

| <b>50 Hz R22</b>   |                    |        |     |     |     |      |      |      |      |      |                  |
|--------------------|--------------------|--------|-----|-----|-----|------|------|------|------|------|------------------|
|                    |                    |        |     |     |     |      |      |      |      |      | <b>N°335SL-T</b> |
| 4   T condensation | 5   T évaporation  | (°C)   | -25 | -20 | -15 | -10  | -5   | 0    | 5    | 10   | 15               |
| <b>40</b>          | 1   P frigorifique | (Watt) |     |     |     | 3109 | 3988 | 5030 | 6237 | 7607 | 9142             |
|                    | 2   P absorbée     | (W)    |     |     |     | 1585 | 1702 | 1808 | 1901 | 1982 | 2052             |
|                    | 3   I absorbée     | (A)    |     |     |     | 3.15 | 3.27 | 3.37 | 3.46 | 3.54 | 3.61             |
| <b>50</b>          | 1   P frigorifique | (Watt) |     |     |     |      | 3280 | 4190 | 5244 | 6443 | 7785             |
|                    | 2   P absorbée     | (W)    |     |     |     |      | 1796 | 1951 | 2090 | 2212 | 2318             |
|                    | 3   I absorbée     | (A)    |     |     |     |      | 3.38 | 3.57 | 3.74 | 3.90 | 4.03             |
| <b>60</b>          | 1   P frigorifique | (Watt) |     |     |     |      |      | 3378 | 4287 | 5321 | 6478             |
|                    | 2   P absorbée     | (W)    |     |     |     |      |      | 2098 | 2281 | 2442 | 2582             |
|                    | 3   I absorbée     | (A)    |     |     |     |      |      | 3.77 | 4.02 | 4.24 | 4.44             |

| <b>60 Hz R22</b>   |                    |        |     |     |     |      |      |      |      |      |                  |
|--------------------|--------------------|--------|-----|-----|-----|------|------|------|------|------|------------------|
|                    |                    |        |     |     |     |      |      |      |      |      | <b>N°335SL-T</b> |
| 4   T condensation | 5   T évaporation  | (°C)   | -25 | -20 | -15 | -10  | -5   | 0    | 5    | 10   | 15               |
| <b>40</b>          | 1   P frigorifique | (Watt) |     |     |     | 3730 | 4755 | 5959 | 7341 | 8903 | 10644            |
|                    | 2   P absorbée     | (W)    |     |     |     | 1773 | 2012 | 2220 | 2398 | 2547 | 2665             |
|                    | 3   I absorbée     | (A)    |     |     |     | 2.69 | 2.99 | 3.24 | 3.43 | 3.58 | 3.67             |
| <b>50</b>          | 1   P frigorifique | (Watt) |     |     |     |      | 3911 | 4963 | 6173 | 7540 | 9064             |
|                    | 2   P absorbée     | (W)    |     |     |     |      | 2123 | 2396 | 2637 | 2845 | 3021             |
|                    | 3   I absorbée     | (A)    |     |     |     |      | 3.09 | 3.43 | 3.71 | 3.94 | 4.11             |
| <b>60</b>          | 1   P frigorifique | (Watt) |     |     |     |      |      | 4001 | 5047 | 6227 | 7543             |
|                    | 2   P absorbée     | (W)    |     |     |     |      |      | 2576 | 2878 | 3144 | 3375             |
|                    | 3   I absorbée     | (A)    |     |     |     |      |      | 3.61 | 3.98 | 4.29 | 4.55             |

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

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