



# Tecumseh

Condensing unit  
Voltage Code : TZ

High Temp. Commercial (MHP)

## SILAJ9510Z-TZ

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

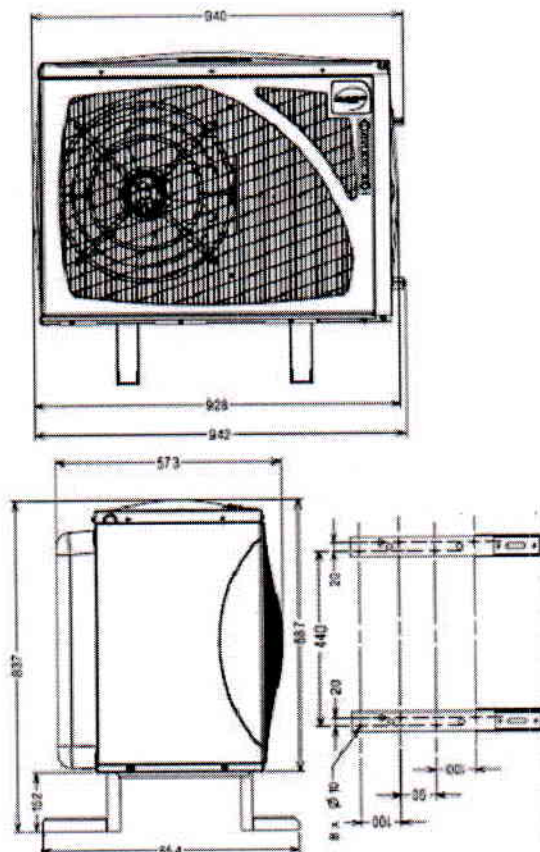
### R404A

### SILAJ9510Z-TZ

Operating conditions : Customized... / 50 Hz / Dew

Sound Power  
ISO3745 / ISO 3743-1

|          |                     |        |
|----------|---------------------|--------|
| -8.00 °C | 1675 Watt           | 57 dBA |
| 20.0 K   |                     |        |
| 12.0 °C  | 949 Watt            |        |
| 35.0 °C  | 2.05 A              |        |
| 4.00 K   | C.O.P : 1.76 Watt/W |        |



|                  |                 |
|------------------|-----------------|
| Net Weight (Kg)  | 72.0            |
| Expansion device | Expansion_Valve |
| Air Flow (m³/h)  | 1650 / 1650     |
| Compo Data Sheet | 224EU-TZ        |
| Elec Comp Type   | TRI             |

|                  |             |
|------------------|-------------|
| Current (Amp)    |             |
| Load Rated Amp   | 2.4   2.5   |
| Max Cont Current | 4.1   4.6   |
| Lock Rotor Amp   | 14.8   14.8 |

|               |           |
|---------------|-----------|
| Fan           |           |
| Speed (rpm)   | 830 / 546 |
| Power (W)     | 65.0      |
| Diameter (mm) | 360       |
| Protection    | Overload  |
| IP Level      | IP44      |

|           |           |
|-----------|-----------|
| Condenser | 360/11500 |
|-----------|-----------|

|                         |      |
|-------------------------|------|
| Liquid Receiver         |      |
| Capacity (L)            | 1.5  |
| Maximum Pressure (Bars) | 32.0 |

|                         |             |
|-------------------------|-------------|
| Suction Line            |             |
| Suction Type            | Tube / Tube |
| For Tubing Out Diam     | 15.9 (5/8") |
| Suction Connection Type | Brased      |

|                       |            |
|-----------------------|------------|
| Liquid Line           |            |
| Liquid Line Type      | Tube       |
| For Tubing Out Diam   | 9.5 (3/8") |
| Liquid Connecton Type | Brased     |

|                 |                |
|-----------------|----------------|
| Connection Type | TT             |
| Fan Guard       | maille < à 8mm |

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



**SILAJ9510Z-TZ**

**Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz**

Les performances sont données dans les **conditions EN13215** :  
Condition Dew

Gaz aspirés : 20.0 °C  
Sous refroidissement : 3.0 K

The performance data are in **EN13215 conditions** :  
Dew Condition

Return gas : 20.0 °C  
Subcooling : 3.0 K

### 50 Hz R404A

**N°924F-T**

| 5   T ambience | 6   T évaporation  | (°C)   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|----------------|--------------------|--------|------|------|------|------|------|------|------|------|------|
| <b>25</b>      | 1   P frigorifique | (Watt) | 1046 | 1293 | 1580 | 1907 | 2272 | 2675 | 3116 | 3592 | 4103 |
|                | 2   P absorbée     | (W)    | 663  | 730  | 797  | 865  | 932  | 999  | 1066 | 1134 | 1201 |
|                | 3   I absorbée     | (A)    | 1.74 | 1.80 | 1.87 | 1.95 | 2.03 | 2.11 | 2.20 | 2.30 | 2.40 |
|                | 4   Tc             | (°C)   | 27.6 | 29.1 | 30.7 | 32.4 | 34.1 | 35.8 | 37.7 | 39.5 | 41.5 |
| <b>32</b>      | 1   P frigorifique | (Watt) | 905  | 1137 | 1400 | 1694 | 2019 | 2376 | 2764 | 3182 | 3631 |
|                | 2   P absorbée     | (W)    | 663  | 742  | 821  | 900  | 979  | 1058 | 1138 | 1217 | 1296 |
|                | 3   I absorbée     | (A)    | 1.72 | 1.80 | 1.89 | 1.99 | 2.09 | 2.19 | 2.31 | 2.42 | 2.54 |
|                | 4   Tc             | (°C)   | 34.8 | 36.2 | 37.7 | 39.2 | 40.7 | 42.4 | 44.1 | 45.8 | 47.6 |
| <b>43</b>      | 1   P frigorifique | (Watt) | 674  | 883  | 1109 | 1353 | 1618 | 1903 | 2210 | 2539 | 2893 |
|                | 2   P absorbée     | (W)    | 662  | 760  | 858  | 956  | 1054 | 1152 | 1249 | 1347 | 1445 |
|                | 3   I absorbée     | (A)    | 1.68 | 1.80 | 1.93 | 2.05 | 2.19 | 2.33 | 2.47 | 2.62 | 2.77 |
|                | 4   Tc             | (°C)   | 46.1 | 47.3 | 48.6 | 49.9 | 51.3 | 52.7 | 54.2 | 55.7 | 57.3 |

### 60 Hz R404A

**N°924F-T**

| 5   T ambience | 6   T évaporation  | (°C)   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|----------------|--------------------|--------|------|------|------|------|------|------|------|------|------|
| <b>25</b>      | 1   P frigorifique | (Watt) | 1232 | 1545 | 1894 | 2278 | 2696 | 3147 | 3629 | 4139 | 4674 |
|                | 2   P absorbée     | (W)    | 814  | 902  | 993  | 1088 | 1187 | 1289 | 1395 | 1505 | 1619 |
|                | 3   I absorbée     | (A)    | 1.77 | 1.87 | 1.99 | 2.11 | 2.23 | 2.37 | 2.52 | 2.67 | 2.83 |
|                | 4   Tc             | (°C)   | 27.7 | 29.2 | 30.9 | 32.6 | 34.5 | 36.5 | 38.5 | 40.7 | 42.9 |
| <b>32</b>      | 1   P frigorifique | (Watt) | 1045 | 1350 | 1680 | 2037 | 2419 | 2828 | 3260 | 3716 | 4192 |
|                | 2   P absorbée     | (W)    | 812  | 912  | 1016 | 1124 | 1235 | 1350 | 1469 | 1591 | 1718 |
|                | 3   I absorbée     | (A)    | 1.75 | 1.87 | 2.00 | 2.14 | 2.29 | 2.44 | 2.60 | 2.77 | 2.95 |
|                | 4   Tc             | (°C)   | 34.5 | 35.9 | 37.4 | 39.0 | 40.7 | 42.5 | 44.3 | 46.3 | 48.4 |
| <b>43</b>      | 1   P frigorifique | (Watt) | 744  | 1035 | 1335 | 1647 | 1973 | 2314 | 2670 | 3042 | 3430 |
|                | 2   P absorbée     | (W)    | 808  | 928  | 1052 | 1179 | 1310 | 1445 | 1584 | 1727 | 1873 |
|                | 3   I absorbée     | (A)    | 1.73 | 1.88 | 2.03 | 2.20 | 2.37 | 2.55 | 2.74 | 2.93 | 3.14 |
|                | 4   Tc             | (°C)   | 45.3 | 46.4 | 47.6 | 49.0 | 50.4 | 51.9 | 53.5 | 55.2 | 57.1 |

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

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