



Condensing unit  
Voltage Code : TZ

# SILAJ4519Z

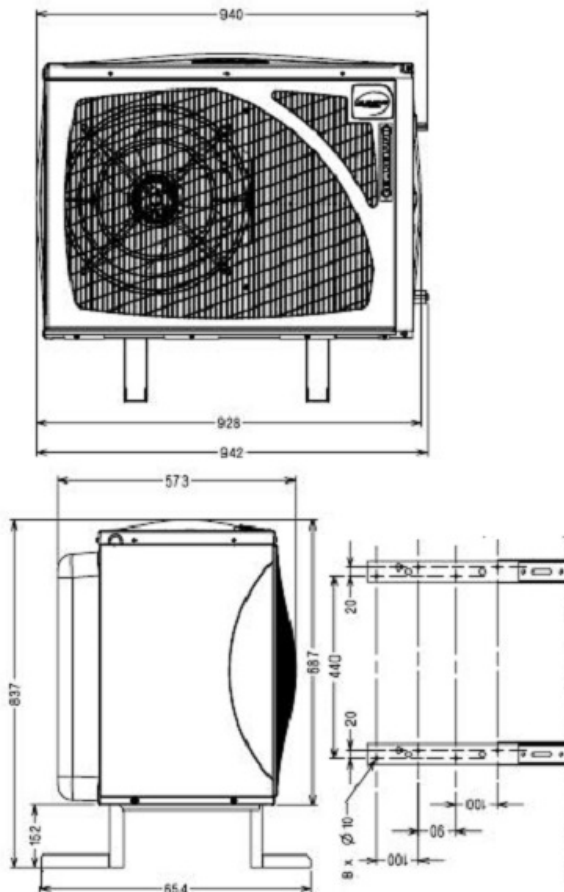
High Temp. Commercial (HP)

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

## R404A

## SILAJ4519Z-TZ

| Conditions      | Frequency | Nominal Cooling Capacity |       | Sound Power<br>ISO3745 / ISO 3743-1 |
|-----------------|-----------|--------------------------|-------|-------------------------------------|
|                 |           | Watts                    | BTU/h |                                     |
| EN13215 / R404A | 50 Hz     | 4458                     | 15201 | 59 dBA                              |



|                         |                 |
|-------------------------|-----------------|
| <b>Net Weight (Kg)</b>  | 74.0            |
| <b>Expansion device</b> | Expansion_Valve |
| <b>Air Flow (m³/h)</b>  | 1650 / 1650     |
| <b>Compo Data Sheet</b> | 224SU-TZ        |
| <b>Elec Comp Type</b>   | TRI             |
| <b>Current (Amp)</b>    |                 |
| Load Rated Amp          | 4.3   4.3       |
| Max Cont Current        | 6.5   6.6       |
| Lock Rotor Amp          | 22   23         |
| <b>Fan</b>              |                 |
| Speed (rpm)             | 546 / 546       |
| Power (W)               | 65.0            |
| Diameter (mm)           | 360             |
| Protection              | Overload        |
| IP Level                | IP44            |
| <b>Condenser</b>        | 360/14100       |
| <b>Liquid Receiver</b>  |                 |
| Capacity (L)            | 2.35            |
| Maximum Pressure (Bars) | 32.0            |
| <b>Suction Line</b>     |                 |
| Suction Type            | Tube / Tube     |
| For Tubing Out Diam     | 15.9 (5/8")     |
| Suction Connection Type | Brased          |
| <b>Liquid Line</b>      |                 |
| Liquid Line Type        | Tube            |
| For Tubing Out Diam     | 9.5 (3/8")      |
| Liquid Connecton Type   | Brased          |
| <b>Connection Type</b>  | TT              |
| <b>Fan Guard</b>        | maille < à 8mm  |

\* EN13215 : T°Ambient 32.0°C / T°Evap. 5.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

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**Tecumseh**

|                   |  |
|-------------------|--|
| <b>SILAJ4519Z</b> | <b>Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz</b> |
|-------------------|--|

|  |                        |         |
|--|------------------------|---------|
| Les performances sont données dans les <b>conditions EN13215</b> : | Gaz aspirés :          | 20.0 °C |
| Condition Dew  | Sous refroidissement : | 3.0 K   |
| The performance data are in <b>EN13215 conditions</b> :            | Return gas :           | 20.0 °C |
| Dew Condition  | Subcooling :           | 3.0 K   |

**50 Hz R404A**

**N°5298**

| 5   T ambience | 6   T évaporation  | (°C)   | -25  | -20  | -15  | -10  | -5   | 0    | 5    | 10   | 15   |
|----------------|--------------------|--------|------|------|------|------|------|------|------|------|------|
| <b>25</b>      | 1   P frigorifique | (Watt) | 1706 | 2147 | 2634 | 3163 | 3733 | 4343 | 4995 | 5697 | 6463 |
|                | 2   P absorbée     | (W)    | 1089 | 1226 | 1368 | 1515 | 1668 | 1828 | 1996 | 2170 | 2350 |
|                | 3   I absorbée     | (A)    | 3.03 | 3.16 | 3.32 | 3.50 | 3.70 | 3.94 | 4.19 | 4.47 | 4.77 |
|                | 4   Tc             | (°C)   | 32.5 | 34.1 | 35.9 | 37.9 | 40.0 | 42.1 | 44.1 | 46.1 | 47.9 |
| <b>32</b>      | 1   P frigorifique | (Watt) |      | 1899 | 2349 | 2829 | 3339 | 3881 | 4458 | 5081 | 5769 |
|                | 2   P absorbée     | (W)    |      | 1267 | 1420 | 1580 | 1747 | 1921 | 2103 | 2291 | 2484 |
|                | 3   I absorbée     | (A)    |      | 3.18 | 3.37 | 3.58 | 3.81 | 4.07 | 4.36 | 4.66 | 4.98 |
|                | 4   Tc             | (°C)   |      | 40.0 | 41.8 | 43.7 | 45.7 | 47.7 | 49.6 | 51.4 | 53.0 |
| <b>43</b>      | 1   P frigorifique | (Watt) |      |      | 1886 | 2291 | 2709 | 3146 | 3610 | 4115 | 4687 |
|                | 2   P absorbée     | (W)    |      |      | 1486 | 1670 | 1863 | 2064 | 2273 | 2487 | 2704 |
|                | 3   I absorbée     | (A)    |      |      | 3.47 | 3.73 | 4.01 | 4.32 | 4.64 | 4.98 | 5.33 |
|                | 4   Tc             | (°C)   |      |      | 50.9 | 52.8 | 54.6 | 56.5 | 58.2 | 59.7 | 61.0 |

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

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