



Condensing unit  
Voltage Code : TZ

SILAG4573Z-TZ

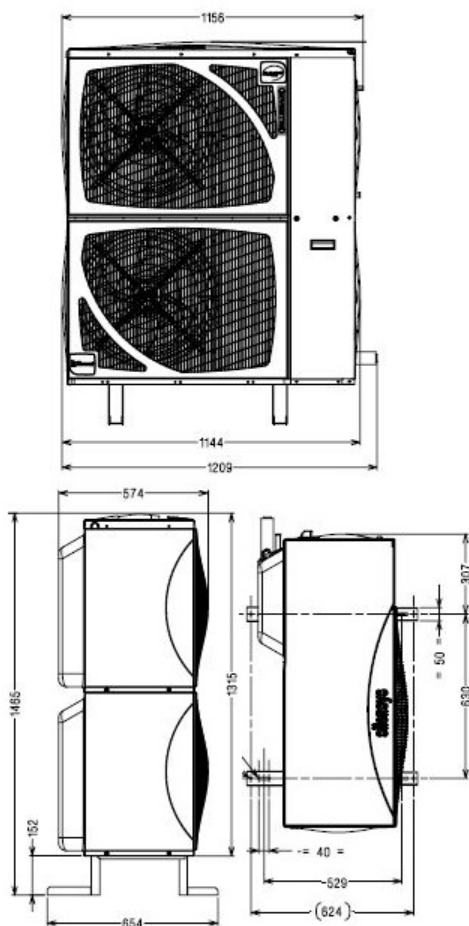
High Temp. Commercial (HP)

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

R449A

SILAG4573Z-TZ

| Operating conditions : Customized... / 50 Hz / Dew                                                                           |                                                                                                     | Sound Power<br>ISO3745 / ISO 3743-1 |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------|
| Evaporating Temp. : -10.0 °C<br>Superheat : 8.00 K<br>Return gas temp. : 0.00 °C<br>Ambient : 32.0 °C<br>Subcooling : 1.00 K | Refrig. Capacity : 7780 Watt<br><br>Power Input : 4428 Watt<br>Amps : 8.90 A<br>C.O.P : 1.76 Watt/W | 73 dBA                              |



|                         |                 |
|-------------------------|-----------------|
| Net Weight (Kg)         | 139.0           |
| Expansion device        | Expansion_Valve |
| Air Flow (m³/h)         | 5940 / 5940     |
| Compo Data Sheet        | 227LU-T         |
| Elec Comp Type          | TRI             |
| Current (Amp)           |                 |
| Load Rated Amp          | 13   14.8       |
| Max Cont Current        | 20.6   19.9     |
| Lock Rotor Amp          | 58   63         |
| Fan                     |                 |
| Speed (rpm)             | 830 / 830       |
| Power (W)               | 95.0            |
| Diameter (mm)           | 450             |
| Protection              | Resistance PTC  |
| IP Level                | IP54            |
| Condenser               | 2x450/17000     |
| Liquid Receiver         |                 |
| Capacity (L)            | 6.0             |
| Maximum Pressure (Bars) | 32.0            |
| Suction Line            |                 |
| Suction Type            | Tube / Tube     |
| For Tubing Out Diam     | 28.6 (1"1/8)    |
| Suction Connection Type | Brased          |
| Liquid Line             |                 |
| Liquid Line Type        | Tube            |
| For Tubing Out Diam     | 15.9 (5/8")     |
| Liquid Connection Type  | Brased          |
| Connection Type         | TT              |
| Fan Guard               | maille < à 8mm  |

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

|                      |                                                  |
|----------------------|--------------------------------------------------|
| <b>SILAG4573Z-TZ</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           |

| <b>50 Hz R449A (*)</b> |                    |        |      |      |      |      |       |       |       |       |       |
|------------------------|--------------------|--------|------|------|------|------|-------|-------|-------|-------|-------|
| <b>N°6811</b>          |                    |        |      |      |      |      |       |       |       |       |       |
| 5   T ambience         | 6   T évaporation  | (°C)   | -25  | -20  | -15  | -10  | -5    | 0     | 5     | 10    | 15    |
| <b>25</b>              | 1   P frigorifique | (Watt) | 4595 | 6083 | 7791 | 9724 | 11877 | 14242 | 16807 | 19561 | 22498 |
|                        | 2   P absorbée     | (W)    | 2860 | 3310 | 3803 | 4342 | 4932  | 5580  | 6292  | 7076  | 7939  |
|                        | 3   I absorbée     | (A)    | 6.70 | 7.30 | 7.99 | 8.76 | 9.62  | 10.6  | 11.6  | 12.8  | 14.1  |
|                        | 4   Tc             | (°C)   | 28.6 | 30.4 | 32.4 | 34.5 | 36.9  | 39.5  | 42.2  | 45.1  | 48.1  |
| <b>32</b>              | 1   P frigorifique | (Watt) |      | 5274 | 6865 | 8650 | 10631 | 12806 | 15170 | 17718 | 20454 |
|                        | 2   P absorbée     | (W)    |      | 3340 | 3861 | 4428 | 5046  | 5721  | 6458  | 7264  | 8147  |
|                        | 3   I absorbée     | (A)    |      | 7.36 | 8.09 | 8.90 | 9.79  | 10.8  | 11.9  | 13.1  | 14.3  |
|                        | 4   Tc             | (°C)   |      | 36.7 | 38.5 | 40.5 | 42.7  | 45.1  | 47.6  | 50.2  | 53.0  |
| <b>43</b>              | 1   P frigorifique | (Watt) |      |      | 5383 | 6938 | 8653  | 10535 | 12590 |       |       |
|                        | 2   P absorbée     | (W)    |      |      | 3849 | 4470 | 5140  | 5865  | 6649  |       |       |
|                        | 3   I absorbée     | (A)    |      |      | 8.10 | 8.99 | 9.96  | 11.0  | 12.2  |       |       |
|                        | 4   Tc             | (°C)   |      |      | 48.1 | 49.8 | 51.8  | 53.8  | 56.0  |       |       |

| <b>60 Hz R449A (*)</b> |                    |        |     |      |      |       |       |       |       |       |       |
|------------------------|--------------------|--------|-----|------|------|-------|-------|-------|-------|-------|-------|
| <b>N°6811</b>          |                    |        |     |      |      |       |       |       |       |       |       |
| 5   T ambience         | 6   T évaporation  | (°C)   | -25 | -20  | -15  | -10   | -5    | 0     | 5     | 10    | 15    |
| <b>25</b>              | 1   P frigorifique | (Watt) |     | 6851 | 8791 | 10959 | 13350 | 15953 | 18760 | 21769 | 24999 |
|                        | 2   P absorbée     | (W)    |     | 3939 | 4483 | 5156  | 5968  | 6930  | 8054  | 9353  | 10837 |
|                        | 3   I absorbée     | (A)    |     | 13.7 | 15.3 | 17.2  | 19.5  | 22.3  | 25.5  | 29.2  | 33.3  |
|                        | 4   Tc             | (°C)   |     | 33.1 | 35.3 | 37.7  | 40.3  | 43.0  | 45.9  | 48.8  | 51.8  |
| <b>32</b>              | 1   P frigorifique | (Watt) |     | 5906 | 7709 | 9706  | 11900 | 14287 | 16866 | 19648 | 22667 |
|                        | 2   P absorbée     | (W)    |     | 3893 | 4534 | 5298  | 6195  | 7237  | 8432  | 9792  | 11328 |
|                        | 3   I absorbée     | (A)    |     | 13.7 | 15.5 | 17.6  | 20.1  | 23.1  | 26.5  | 30.3  | 34.6  |
|                        | 4   Tc             | (°C)   |     | 39.2 | 41.2 | 43.4  | 45.8  | 48.4  | 51.0  | 53.7  | 56.5  |
| <b>43</b>              | 1   P frigorifique | (Watt) |     |      |      | 7732  | 9619  | 11672 |       |       |       |
|                        | 2   P absorbée     | (W)    |     |      |      | 5508  | 6544  | 7712  |       |       |       |
|                        | 3   I absorbée     | (A)    |     |      |      | 18.2  | 21.1  | 24.4  |       |       |       |
|                        | 4   Tc             | (°C)   |     |      |      | 52.5  | 54.6  | 56.8  |       |       |       |

|                                                                                                                                                                                    |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| <b>1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature</b>                                             |  |  |  |  |  |  |  |  |  |  |  |
| (*) 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.            |  |  |  |  |  |  |  |  |  |  |  |
| <b>Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.</b>                                                                   |  |  |  |  |  |  |  |  |  |  |  |
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