

Condensing unit  
Voltage Code : XC

# SILFH2511Z-XC

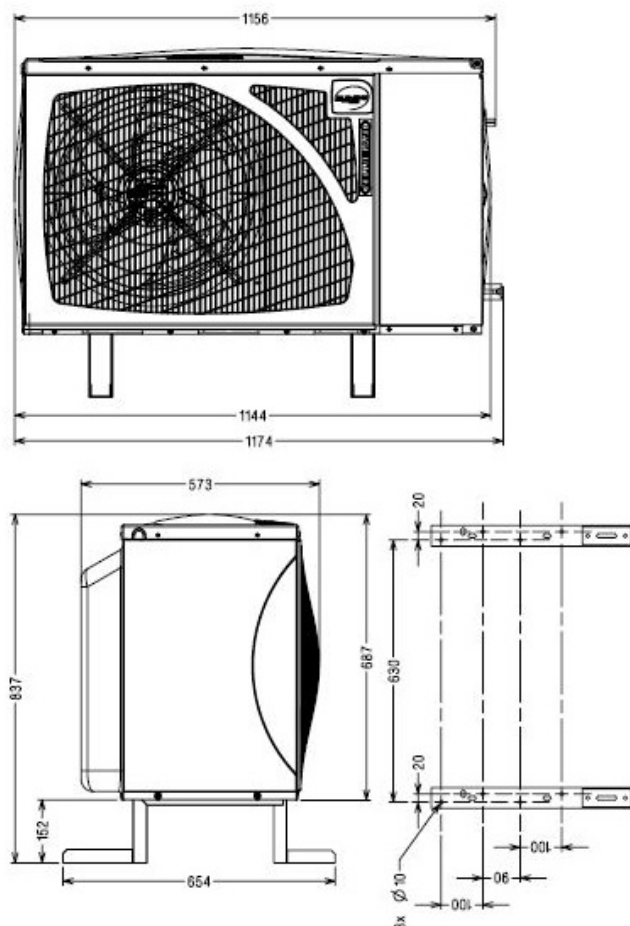
Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

## SILFH2511Z-XC

| Conditions      | Frequency | Nominal Cooling Capacity |       | Sound Power<br>ISO3745 / ISO 3743-1 |
|-----------------|-----------|--------------------------|-------|-------------------------------------|
|                 |           | Watts                    | BTU/h |                                     |
| EN13215 / R452A | 50 Hz     | 1623                     | 5535  | 67 dBA                              |
| EN13215 / R404A | 50 Hz     | 1989                     | 6781  | 67 dBA                              |
| EN13215 / R448A | 50 Hz     | 1430                     | 4878  | 67 dBA                              |
| EN13215 / R449A | 50 Hz     | 1429                     | 4873  | 67 dBA                              |



\* EN13215 : T°Ambient 32.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C  
T°Subcooling. 3.0K

|                         |                 |
|-------------------------|-----------------|
| <b>Net Weight (Kg)</b>  | 86.0            |
| <b>Expansion device</b> | Expansion_Valve |
| <b>Air Flow (m³/h)</b>  | 2700            |
| <b>Elec Comp Type</b>   | CSR             |
| <b>Current (Amp)</b>    |                 |
| Load Rated Amp          | 12.1            |
| Max Cont Current        | 24.4            |
| Lock Rotor Amp          | 71              |
| <b>Fan</b>              |                 |
| Speed (rpm)             | 830             |
| Power (W)               | 95.0            |
| Diameter (mm)           | 450             |
| Protection              | Electronic      |
| IP Level                | IP44            |
| <b>Condenser</b>        | 450/11500       |
| <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 Connection Type  | Brased          |
| <b>Connection Type</b>  | TT              |
| <b>Fan Guard</b>        | maille < à 8mm  |

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

|                      |                                         |
|----------------------|-----------------------------------------|
| <b>SILFH2511Z-XC</b> | <b>Tension XC : 220 - 240V 1~ 50 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 R452A</b> |                    |        |            |            |            |            |            |            |            |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| <b>N°User-242</b>  |                    |        |            |            |            |            |            |            |            |
| 5   T ambience     | 6   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>25</b>          | 1   P frigorifique | (Watt) | 1349       | 1961       | 2691       | 3535       | 4490       | 5546       | 6690       |
|                    | 2   P absorbée     | (W)    | 1263       | 1553       | 1863       | 2196       | 2557       | 2952       | 3386       |
|                    | 3   I absorbée     | (A)    | 7.74       | 8.17       | 8.69       | 9.32       | 10.0       | 10.9       | 11.9       |
|                    | 4   Tc             | (°C)   | 29.6       | 31.5       | 33.5       | 35.8       | 38.4       | 41.2       | 44.3       |
| <b>32</b>          | 1   P frigorifique | (Watt) | 1052       | 1623       | 2298       | 3078       | 3958       | 4932       | 5991       |
|                    | 2   P absorbée     | (W)    | 1197       | 1508       | 1843       | 2204       | 2594       | 3018       | 3482       |
|                    | 3   I absorbée     | (A)    | 7.55       | 8.06       | 8.65       | 9.34       | 10.1       | 11.0       | 12.0       |
|                    | 4   Tc             | (°C)   | 35.7       | 37.4       | 39.4       | 41.5       | 43.9       | 46.6       | 49.5       |
| <b>43</b>          | 1   P frigorifique | (Watt) | 598        | 1100       | 1687       | 2362       | 3125       | 3975       | 4908       |
|                    | 2   P absorbée     | (W)    | 1037       | 1385       | 1761       | 2166       | 2604       | 3077       | 3590       |
|                    | 3   I absorbée     | (A)    | 7.06       | 7.71       | 8.43       | 9.23       | 10.1       | 11.1       | 12.2       |
|                    | 4   Tc             | (°C)   | 45.2       | 46.8       | 48.6       | 50.6       | 52.8       | 55.2       | 57.9       |

| <b>50 Hz R404A</b> |                    |        |            |            |            |            |            |            |            |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| <b>N°User-241</b>  |                    |        |            |            |            |            |            |            |            |
| 5   T ambience     | 6   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>25</b>          | 1   P frigorifique | (Watt) | 1693       | 2349       | 3127       | 4023       | 5028       | 6128       | 7305       |
|                    | 2   P absorbée     | (W)    | 1401       | 1695       | 2008       | 2340       | 2697       | 3083       | 3506       |
|                    | 3   I absorbée     | (A)    | 8.47       | 8.85       | 9.32       | 9.91       | 10.6       | 11.4       | 12.4       |
|                    | 4   Tc             | (°C)   | 30.2       | 32.1       | 34.1       | 36.3       | 38.7       | 41.4       | 44.4       |
| <b>32</b>          | 1   P frigorifique | (Watt) | 1379       | 1989       | 2707       | 3530       | 4451       | 5459       | 6539       |
|                    | 2   P absorbée     | (W)    | 1356       | 1674       | 2012       | 2374       | 2761       | 3179       | 3635       |
|                    | 3   I absorbée     | (A)    | 8.40       | 8.84       | 9.38       | 10.0       | 10.8       | 11.6       | 12.6       |
|                    | 4   Tc             | (°C)   | 36.3       | 38.0       | 39.9       | 42.0       | 44.3       | 46.9       | 49.7       |
| <b>43</b>          | 1   P frigorifique | (Watt) | 893        | 1427       | 2046       | 2751       | 3539       | 4404       | 5337       |
|                    | 2   P absorbée     | (W)    | 1233       | 1588       | 1970       | 2379       | 2817       | 3288       | 3796       |
|                    | 3   I absorbée     | (A)    | 8.13       | 8.69       | 9.33       | 10.1       | 10.9       | 11.9       | 12.9       |
|                    | 4   Tc             | (°C)   | 45.8       | 47.5       | 49.2       | 51.1       | 53.2       | 55.5       | 58.0       |

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

Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.

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|                      |                                         |
|----------------------|-----------------------------------------|
| <b>SILFH2511Z-XC</b> | <b>Tension XC : 220 - 240V 1~ 50 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 R448A (*)</b> |                    |        |            |            |            |            |            |
|------------------------|--------------------|--------|------------|------------|------------|------------|------------|
| <b>N°User-244</b>      |                    |        |            |            |            |            |            |
| 5   T ambience         | 6   T évaporation  | (°C)   | <b>-30</b> | <b>-25</b> | <b>-20</b> | <b>-15</b> | <b>-10</b> |
| <b>25</b>              | 1   P frigorifique | (Watt) | 2456       | 3309       | 4300       | 5431       | 6702       |
|                        | 2   P absorbée     | (W)    | 1739       | 2054       | 2395       | 2763       | 3167       |
|                        | 3   I absorbée     | (A)    | 8.14       | 8.75       | 9.46       | 10.3       | 11.2       |
|                        | 4   Tc             | (°C)   | 31.6       | 33.5       | 35.8       | 38.2       | 41.0       |
| <b>32</b>              | 1   P frigorifique | (Watt) | 2104       | 2900       | 3825       | 4881       | 6069       |
|                        | 2   P absorbée     | (W)    | 1719       | 2064       | 2435       | 2837       | 3275       |
|                        | 3   I absorbée     | (A)    | 8.09       | 8.77       | 9.55       | 10.4       | 11.4       |
|                        | 4   Tc             | (°C)   | 37.6       | 39.4       | 41.6       | 43.9       | 46.6       |
| <b>43</b>              | 1   P frigorifique | (Watt) | 1548       | 2255       | 3075       | 4014       | 5074       |
|                        | 2   P absorbée     | (W)    | 1637       | 2029       | 2451       | 2907       | 3402       |
|                        | 3   I absorbée     | (A)    | 7.85       | 8.66       | 9.56       | 10.5       | 11.6       |
|                        | 4   Tc             | (°C)   | 47.1       | 48.8       | 50.7       | 52.9       | 55.4       |

| <b>50 Hz R449A (*)</b> |                    |        |            |            |            |            |            |
|------------------------|--------------------|--------|------------|------------|------------|------------|------------|
| <b>N°User-243</b>      |                    |        |            |            |            |            |            |
| 5   T ambience         | 6   T évaporation  | (°C)   | <b>-30</b> | <b>-25</b> | <b>-20</b> | <b>-15</b> | <b>-10</b> |
| <b>25</b>              | 1   P frigorifique | (Watt) | 2454       | 3305       | 4292       | 5419       | 6684       |
|                        | 2   P absorbée     | (W)    | 1738       | 2055       | 2396       | 2766       | 3171       |
|                        | 3   I absorbée     | (A)    | 8.14       | 8.75       | 9.46       | 10.3       | 11.2       |
|                        | 4   Tc             | (°C)   | 31.6       | 33.6       | 35.9       | 38.4       | 41.2       |
| <b>32</b>              | 1   P frigorifique | (Watt) | 2100       | 2895       | 3816       | 4868       | 6050       |
|                        | 2   P absorbée     | (W)    | 1719       | 2064       | 2436       | 2839       | 3279       |
|                        | 3   I absorbée     | (A)    | 8.09       | 8.77       | 9.55       | 10.4       | 11.4       |
|                        | 4   Tc             | (°C)   | 37.6       | 39.5       | 41.7       | 44.1       | 46.7       |
| <b>43</b>              | 1   P frigorifique | (Watt) | 1544       | 2248       | 3065       | 3999       | 5053       |
|                        | 2   P absorbée     | (W)    | 1636       | 2028       | 2451       | 2908       | 3404       |
|                        | 3   I absorbée     | (A)    | 7.85       | 8.66       | 9.56       | 10.5       | 11.6       |
|                        | 4   Tc             | (°C)   | 47.2       | 48.8       | 50.8       | 53.1       | 55.6       |

|                                                                                                                                                                                    |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|
| <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.            |  |  |  |  |  |  |  |
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