



■ The housed condensing range (CONTINUATION):

Robust and reliable

Tecumseh condensing units and compressors have a well established reputation for being robust. In addition, the housing has a 500 hour saline spray guarantee and 40 models are specifically designed for use in high ambient temperatures. You're all set for worry-free running for many years to come...

Specifically designed for commercial refrigeration

Fitted with AE, AJ, FH or AG compressors, the new comprehensive range of housed units covers the requirements of most remote commercial high and low back pressure refrigeration applications : cold rooms, convenience stores, supermarkets, professional kitchens... In addition, housed AJ condensing units feature new innovations to reduce noise levels by 7 dBA on average.

Equipment :

- Sight glass.
- Filter dryer.
- Crankcase heater.
- External isolator.
- Mini HBP pressure switch.

| | Ambient 32°C | Ambient 43°C |
|---------------------------|---------------------------|---------------------------|
| Negativ cooling on R-404A | from CAE2424Z to TAG2522Z | from CAE2424Z to TAG2522Z |
| Positiv cooling on R-134a | from CAE4440Y to TAG4543Y | from CAE4440Y to TAG4543Y |
| Positiv cooling on R-404A | from CAE9450Z to TAG4573Z | from CAE9450Z to TAG4573Z |

Tecumseh Europe and its distribution network always at your service

SALES AND MARKETING

HEAD OFFICE
Avenue de la Libération
38390 La Verpillière
France
Tel. int +33 (0)4 74 82 24 00
Fax int +33 (0)4 74 82 24 99

GERMAN OFFICE

Guiollettstrasse 57,
60325 Frankfurt a.M.
Deutschland
Tel. int +49 (0)69 971 454-0
Fax int +49 (0)69 724 10 53

ITALIAN OFFICE

130, via San Francesco d'Assisi
10141 Giaveno (To)
Italia
Tel. int +39 (0)11 937 98 61
Fax int +39 (0)11 936 37 31

MALAYSIAN OFFICE

N°18 Jalan Sultan Mohamed 4
Selat Klang Utara
42000 Port Klang
Selangor Darul Eshan
Malaysia
Tel. int +60 3 3176 3886
Fax int +60 3 3176 3890

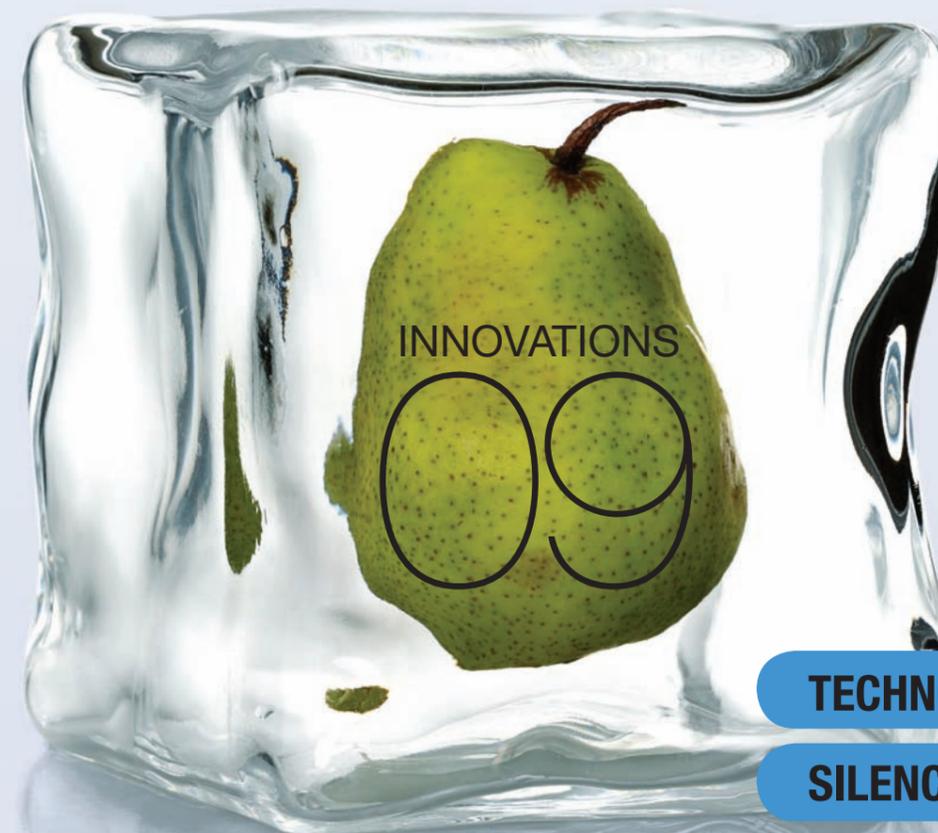
SPANISH OFFICE

C/Corcega 301-303, 2º, 3a
08008 Barcelona
España
Tel. int +34 93 218 5708
Fax int +34 93 218 1691

U.K. OFFICE

PO Box 1908,
Andover, Hants,
SP10 9DE – U.K.
Tel. int +44 (0)1 264 730 444
Fax int +33 (0)4 74 82 24 94

info@tecumseh.com
www.tecumseh-europe.com



TECHNOLOGY

SILENCE

EASY TO INSTALL

10/2008 - Data given as an example - Photos not contractually binding.

SCROLLS



SILENT AJ CONDENSING RANGE



HOUSED CONDENSING RANGE



Innovations 2009

For a long time, Tecumseh, with its trademarks l'Unité Hermétique, Silensys and Smen has been offering solutions reknowned for their reliability, resistance, refrigerating performances, their easy-to-install and easy-to-maintain qualities.

In 2009, the range is enlarged to fit the market requirements in the matter of:

- ▶ **Technology: reciprocating, rotaty and now the Scroll by Tecumseh. Choose the solution meeting your applications.**
- ▶ **More 'neighbour-friendly' products: more silence, more energy saving and adaptation to environmentally friendly refrigerants.**
- ▶ **Housed unit solutions: a new concept of housed condensing units adapted to the most difficult climatic conditions.**

■ Scroll technology by Tecumseh

| Scroll | ▶ A first VSA range of: |
|----------|--|
| VSA9510Z | • 12 compressors. |
| VSA9514Z | • 12 condensing units. |
| VSA9517Z | Running at 50Hz, voltage 220/240V and 380/420 V and at 60 Hz, voltage 460V. |
| VSA9521Z | A growing range in the coming years. |
| VSA9524Z | For commercial refrigeration |
| VSA9528Z | • From 3 300 to 11 100 W* for medium temperatures CBP. |
| VSA9536Z | • From 6 300 to 21 000 W* for high temperatures HBP. |
| VSA9544Z | <i>*Data according to Tecumseh rating conditions: evaporating temperature -6.7°C in CBP and +7.2°C in HBP.</i> |



▶ For commercial refrigeration applications on R 404A:

- Display cabinets, cold rooms for local shops, supermarkets, professional kitchens and restaurants.
- Refrigeration applications for the food industry, milk tanks, ice makers...

▶ Advantages include:

- The assurance of a major brand in the field and the reliability of scroll technology (few mobiles parts inside the compressor).
- A drop in design for first install and replacement.
- A great reliability in high ambient temperature.
- A precise temperature control.

PHYSICAL ATTRIBUTES:

Compressors

- Tubing locations and height : similar to competitive models already in the field.
- Rotalock or tube for suction and discharge.
- Electrical connections - standard location.
- Oil schrader valve.
- Oil sightglass.
- 4 single phased 220-240V/50Hz and 8 three phased 400V- 460V/50-60Hz.

Condensing units

- Standard equipment:**
- Receiver.
 - Safety pressure switch HBP/LBP.
 - Rotalock valve.
 - Crankcase heater.
- Extras:**
- Liquid line (dryer - sight glass).
 - Other, please contact us.

■ The Silent AJ condensing range

In our constant drive to meet the expectations and needs of our customers, OEM's, and end users where noise is a real factor for the surrounding environment, (food and health applications, local shops, convenience stores), Tecumseh will present the new Silent AJ condensing unit range to our customers at Chillventa.

It is the 15 products the "best sellers" that offer:

▶ An average reduction in noise levels of 7 dBA

- A significant gain.
- A new complement to the "Silent offer".
- Even better in LBP thanks to innovations inside the compressor.

▶ Easier installation and after sales service

- Complete fan and fan guard assembly, quick electrical connection by push in.
- Dimensions identical to current generation of units.
- Only 4 components used in the fan assembly, 9 less than for previous range.

▶ A leading range with optimized performances

- 2 to 11% reduction in power consumption.
- Lower starting current.
- Fan not affected by irregularities in frequency and voltage.

▶ For commercial refrigeration

- From 740 to 1 555W* on R-404A for LBP.
- From 2 230 to 4 810W* on R-404A and from 1 370 to 2 820W* on R-134a for MHBP.

**Value according to Tecumseh rating conditions: ambient temperature +32°C, evaporating temperature -23,3°C in LBP and +7.2°C in MHBP.*

STANDARD EQUIPEMENT:

- Condenser Copper/Al.
- Liquid receiver.
- Rotalock valves to braze
- Fan standards CE, UL, CSA

EXTRAS:

- Rotalock flare valves.
- Valves + connection kit.
- Pressostat HBP/LBP.
- Safety mini pressostat.
- Schuko plug.
- Receiver with fusible plug.
- Liquid line with its receiver, rotalock valve, filter dryer and sight glass to braze.
- Other : please contact us.



■ The housed condensing range:

- 50 well designed models for optimum cost efficiency.
- For high and low back pressure on R134a and R404A.
- 4 housing sizes.

Developed to replace existing housed condensing units, the new Tecumseh range offers considerable advantages:

Easy to install and easy to access

With their compact design, a redesigned air flow and hinged opening for easy access and housing removal, the new housed condensing units are both simple to install and easy to access which means time saved on site, especially with applications where space is restricted.

The housings come in 4 different sizes to give as wide a range as possible. With a high level of equipment as standard all models are ready to install.

The electrical box has additional connections if required on the installation (control circuit etc).

Whichever way you look at it, you win.

