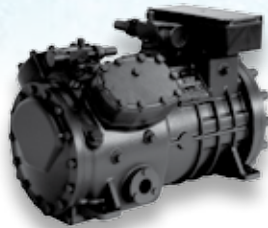


COMMERCIAL
REFRIGERATION

SEMI-HERMETIC COMPRESSORS AND CONDENSING UNITS



Tecumseh

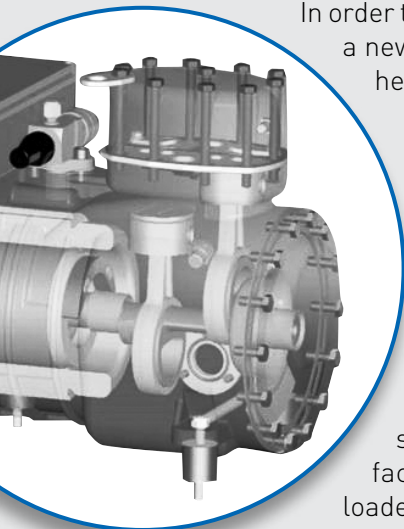


Reliable, Compact, Robust
More capacity, Tecumseh version

Tecumseh has put its expertise into a new range of condensing units

Tecumseh has developed a line of semi-hermetic condensing units

In order to better respond to your needs, Tecumseh has developed a new range of air-cooled condensing units fitted with semi-hermetic compressors.



Units that meet many of your requirements:

- larger refrigerating capacity
- components that are easy to put in place
- optimal noise level
- high ambient temperature
- quick installation

Our range includes six models for HBP applications and seven models for LBP applications. All of our units are factory tested, delivered under pressurized nitrogen and loaded with ester oil

Tecumseh capacity

To complement our existing ranges, we have selected high and low pressure R404A compressors, from 3 to 15 HP. Our semi-hermetic units include:

- a semi-hermetic compressor
- an air-cooled HTA version twin-fan condenser (up to 46 °C ambient temperature)
- a large liquid receiver
- suction and discharge valves
- silentbloc system
- electronic protection module
- discharge vibration absorber
- crankcase heater



Tecumseh efficiency

The best of semi-hermetic technology now available in Tecumseh range. With our units, you can fit a frequency converter (Inverter), a power regulator and/or a unload start-up system for improved energy consumption.

Tecumseh interchangeability

The semi-hermetic compressor lets the user monitor changes in refrigerants and access the mechanics of the system. We put all of the accessories at your disposal to help you develop your installation, regulate the capacity and even reconfigure the compressor.


Tecumseh robustness

The semi-hermetic compressor represents **tried and tested technology** which is constantly being improved.


- multi- refrigerant compressors R404A, R134a, R22, R407C, R507
- optimized valve-plates
- centrifugal disk lubrication
- thermistors within the electric coils linked to an INT protection module

FEATURES AND

R-404A POSI

Models	Voltage	Ambient temperature	
			-40
SHT 4576 ZHR	400/3/50	32 °C	--
SHT 4591 ZHR	400/3/50	32 °C	--
SHT 4610 ZHR	400/3/50	32 °C	--
SHT 4612 ZHR	400/3/50	32 °C	--
SHT 4615 ZHR	400/3/50	32 °C	--
SHT 4620 ZHR	400/3/50	32 °C	--

R-404A NEGA

Models	Voltage	Ambient temperature	
			-40
SHT 2524 ZBR	400/3/50	32 °C	2.4
SHT 2529 ZBR	400/3/50	32 °C	2.6
SHT 2534 ZBR	400/3/50	32 °C	3.4
SHT 2542 ZBR	400/3/50	32 °C	4.4
SHT 2552 ZBR	400/3/50	32 °C	5.2
SHT 2568 ZBR	400/3/50	32 °C	7.1
SHT 2575 ZBR	400/3/50	32 °C	7.6

ACCESSORIES

Models	SH 4576 Z	S
Crankcase heater 8	8590200	
Protection module	8590204	
Silentbloc kit	8309120	
Power regulator kit	8590100	
No-load start-up kit	8590102	
Cylinder head ventilator kit	8590206	
Oil Ester	8685030	



PERFORMANCE

ATIVE COMMERCIAL COOLING

Refrigeration capacity (Watt)						Absorbed power	I nom	I max	Fan voltage	Suction diameter	Liquid diameter	Weight	Receiver
Overheat 10K Sub-cooling 3K (EN 13215)													
Evaporating temperature						to -10 °C		A	V	inch	inch	Kg	L
°C	-30 °C	-20 °C	-10 °C	0 °C	5 °C	W	A						
--	----	7 160	10 590	14 550	16 520	5 967	11,1	14,3	400/3/50	1"1/8	5/8	177	6
--	----	8 340	12 080	16 410	18 530	7 020	12,0	15,4	400/3/50	1"1/8	5/8	177	6
--	----	10 020	14 630	19 850	22 670	7 863	15,6	20,3	400/3/50	1"3/8	5/8	182	9,5
--	----	11 710	16 880	23 150	26 270	8 906	16,9	22,7	400/3/50	1"3/8	5/8	186	9,5
--	----	14 250	21 250	29 320	33 910	9 851	17,5	25,1	400/3/50	1"5/8	7/8	232	12
--	----	18 940	26 780	35 720	40 520	13 070	25,8	35,1	400/3/50	1"5/8	7/8	238	12

Temporary values given for information purposes

ATIVE COMMERCIAL COOLING

Refrigeration capacity (Watt)						Absorbed power	I nom	I max	Fan voltage	Suction diameter	Liquid diameter	Weight	Receiver
Overheat 10K Sub-cooling 3K (EN 13215)													
Evaporating temperature						to -30 °C		A	V	inch	inch	Kg	L
°C	-30 °C	-20 °C	-10 °C	0 °C	5 °C	W	A						
60	4 020	6 060	----	----	----	4 323	9,2	11,8	230/1/50	1"1/8	1/2	120	3,9
40	4 780	7 820	----	----	----	4 605	9,2	13,5	230/1/50	1"1/8	1/2	150	3,9
50	6 080	9 480	----	----	----	5 371	10,3	16,7	400/3/50	1"1/8	5/8	177	6
30	7 440	11 410	----	----	----	6 107	10,7	17,1	400/3/50	1"3/8	5/8	182	6
80	8 750	13 160	----	----	----	6 700	14,3	22,1	400/3/50	1"3/8	5/8	186	9,5
50	11 910	17 630	----	----	----	8 682	15,7	27,2	400/3/50	1"3/8	5/8	227	9,5
70	13 060	19 570	----	----	----	9 231	21,4	33,4	400/3/50	1"5/8	5/8	242	9,5

Temporary values given for information purposes

SH 4591 Z	SH 4610 Z	SH 4612 Z	SH 4615 Z	SH 4620 Z	SH 2524 Z	SH 2529 Z	SH 2534 Z	SH 2542 Z	SH 2552 Z	SH 2568 Z	SH 2575 Z
8590200	8590200	8590200	8590200	8590200	8590201	8590200	8590200	8590200	8590200	8590200	8590200
8590204	8590204	8590204	8590204	8590204	8590205	8590204	8590204	8590204	8590204	8590204	8590204
8309120	8309120	8309120	8309121	8309121	8309122	8309120	8309120	8309120	8309120	8309121	8309121
8590100	8590100	8590100	8590101	8590101	X	8590100	8590100	8590100	8590100	8590101	8590101
8590102	8590102	8590102	8590103	8590103	8590102	8590102	8590102	8590102	8590102	8590103	8590103
8590206	8590206	8590206	8590207	8590207	8590208	8590206	8590206	8590206	8590206	8590207	8590207
8685030	8685030	8685030	8685030	8685030	8685030	8685030	8685030	8685030	8685030	8685030	8685030

Find the complete list of parts on our website: www.tecumseh.com



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Tecumseh Europe: the commercial refrigeration specialist

Tecumseh Europe, a major player in the refrigeration and climatic comfort industry, is a subsidiary of the American group Tecumseh Products Company. As a human-sized international company, Tecumseh Europe designs and manufactures compressors and condensing units using new technologies, which positions it as the leader in commercial refrigeration. Today, about 25% of global food consumption is spoiled due to non-compliance with the cold chain. Faced with this reality, Tecumseh aims to offer a range of high added-value products and services.

■ Values in the service of customers and the company

For more than 75 years, Tecumseh's success has been based on key values shared by its managers and all its employees:

- the human value: the people that make up the company
- the actual customer orientation and the place given to its customers
- the importance of the quality of services and products offered
- the permanent technological innovation.

■ The people: most important resource of the company

This value can be seen especially in the professionalism of each employee, all of whom have significant technical and commercial skills as well as a real industrial dimension.

The development of skills by in-house training and promotion aims to involve employees to a greater degree.

■ Innovative products

Since 1934, Tecumseh has been committed to developing products using innovating technologies that guarantee low energy consumption as well as a high level of reliability.

Today, Tecumseh is the only company that offers its customers the 3 technologies used in a hermetic compressor: **Reciprocating, Rotary and Scroll.**

Internationally recognised, the benchmark brands of the Group such as L'Unité Hermétique®, Silensys®, Wintsys®, Masterflux®, Celseon®, and Vector® form part of the pillars of the refrigeration industry thanks to a strong distribution network with thousands of points of sale on all 5 continents.

■ Tecumseh also offers service

Tecumseh offers a complete assistance service from the selection of products, **design, and training, to on-site** technical assistance by a high-performance Sales Administration department.

■ Tecumseh: the desire to propose a green offer

Because it is aware of the future economic and ecological demands, **the company is committed to sustainable development by offering products that use the refrigeration fluids** in phase with the current market. Because it follows a rigorous approach of continuous improvement, Tecumseh works according to the **ISO 14001** certification (environmental management system) as well as standard **ISO 9001** for its quality management system.

With more than 1,350 employees, Tecumseh Europe focuses on innovation, the quality of the products with complete solutions. At present and for the foreseeable future, the company is the best supplier of 100% customer-oriented commercial refrigeration.



"L'Unité Hermétique", a Tecumseh brand internationally recognised by professionals in the cooling industry, stands for reliability, expertise and skill. Tecumseh offers solutions labeled "Expertise L'Unité Hermétique", referencing the performance of the historical benchmark of the refrigeration market on all 5 continents.



Tecumseh

Cooling for a Better Tomorrow™

www.tecumseh.com

Brochure Semi-Hermetic GB



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