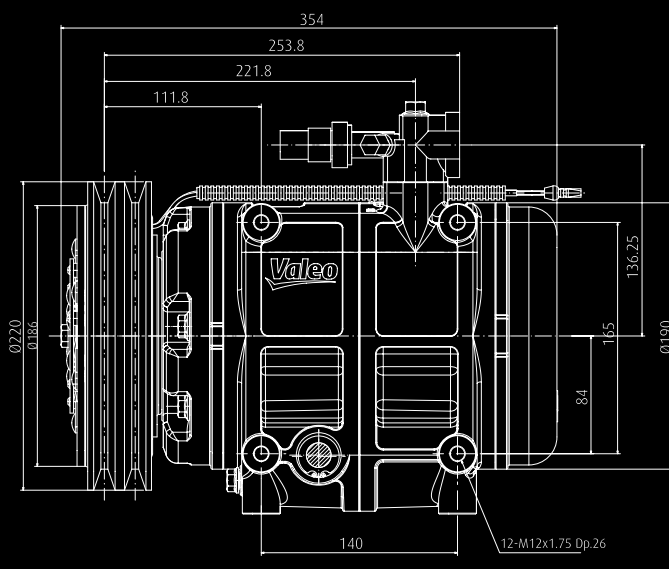
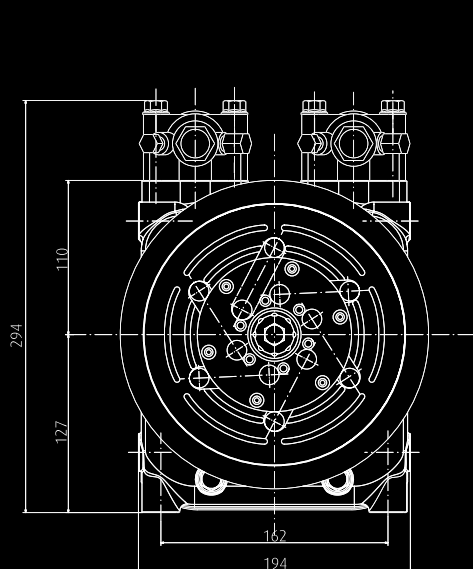


# Heavy Duty Air Conditioning Compressors



valeo added



## Valeo Compressors

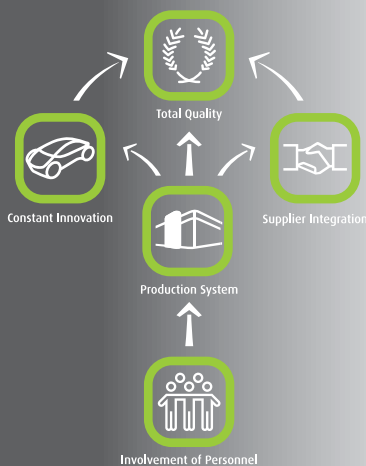


# Valeo Compressors: high performance, best reliability and service

## 5 axes for customer satisfaction

Valeo Compressors is dedicated to the Design, Production and Sales of air conditioning compressors.

Designing high performance and high efficiency compressors is a way for us to ensure our customers' business profitability and growth. Hundreds of engineers within our research and development department aim at delivering leading technologies and design solutions for your present and future needs.



Manufacturing excellence together with integration of the best suppliers is our way to guarantee that our compressors set the highest standard in quality and reliability. Total quality is achieved through the 5 axes methodology applied by all Valeo employees. Sales of compressors is for us an opportunity to bring value to our customers. Adding value implies that beyond ensuring on time delivery of quality products, we deliver a comprehensive service. Each of our sales engineers has worked several years in our Research and Development center, acquiring extensive knowledge of compressors and A/C loop. Our fully qualified sales engineers are always ready to support you in integrating our compressor into your unique system. We invite you to discover more about us and our products along this brochure. You may well discover along the following pages new solutions we can deliver and imagine how we can support your long term success.

## Valeo Compressors brands

Valeo Compressors has the strength of an international corporation and distributes a complete range of compressors thanks to the rich cultural and technological background of 3 well known brands:



Tama Compressors is well known as the creator of the TM series. The legendary reliability of the TM series remains a tribute to its still growing success, and still remains unmatched by any imitation. The Tama brand is notably strong in the Asian market. Seltec brand fame is the result of the strong effort we have delivered for years to adapt to new customers especially in North American and European market. Valeo brand is also actively developing globally thanks to the strength and well-known excellence delivered by Valeo for years in all markets worldwide. Our technology and products are also re-branded by some distributors in select markets. Notably, the Zexel brand belongs to one of our Japanese aftermarket distributors.

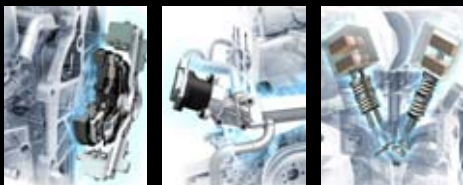
# Valeo group

## PROFILE:

Valeo, an independent industrial group, ranks among the world's leading automotive suppliers.

Valeo is organized into 4 business groups, each of them split into product groups. Valeo Compressors is part of Thermal Systems, and propose innovative solutions that best fits today's OEM and Aftermarket needs.

## Powertrain Systems



## Thermal Systems



## Confort & Driving assistance Systems



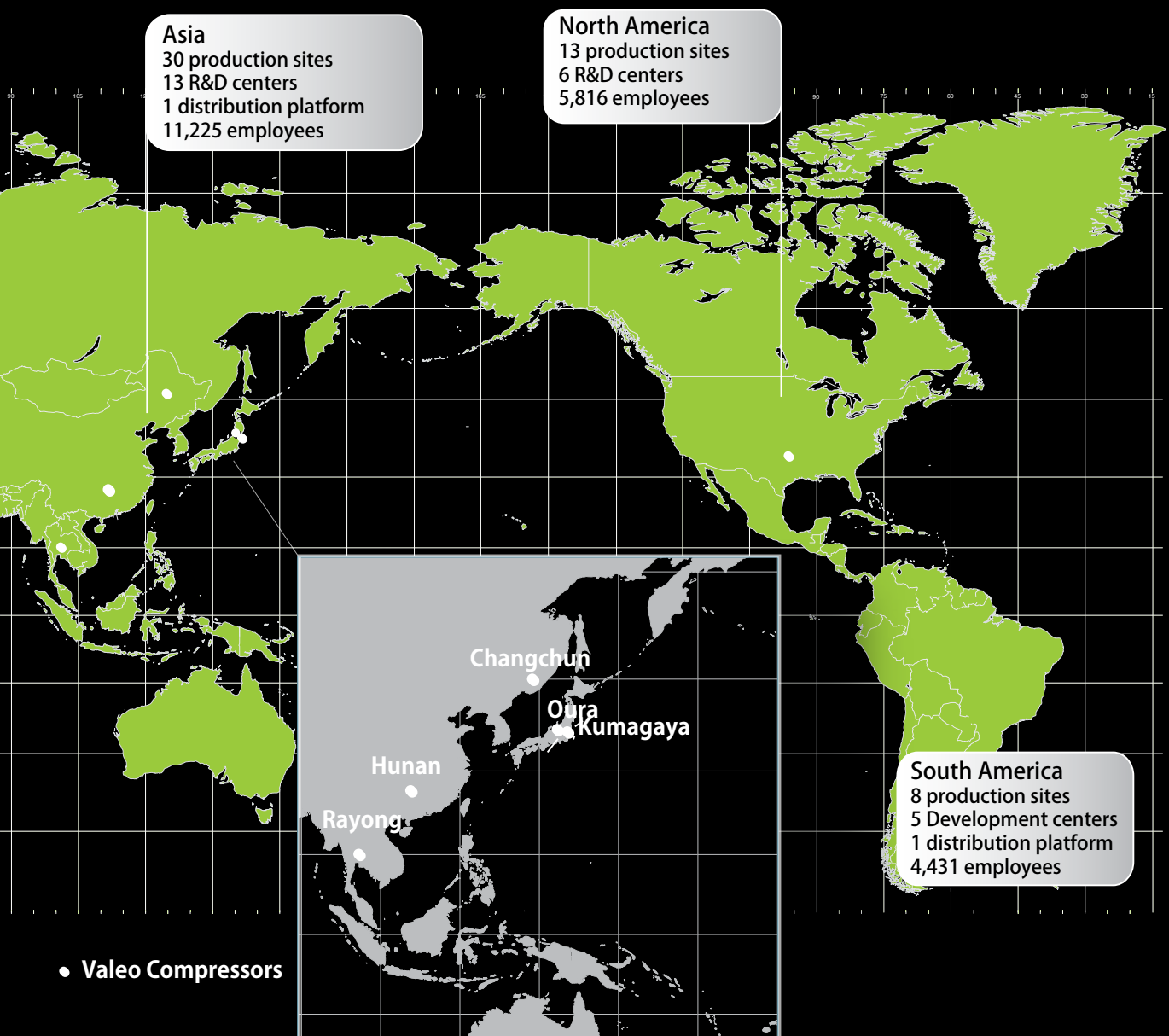
## Visibility Systems



## VALEO COMPRESSORS:

> Sales 2010: 5,5 million units  
> Workforce: 2,063 employees  
> Headquarters: Tokyo - Japan

> Presence: 8 plants worldwide  
7 R&D centers  
15 sales offices

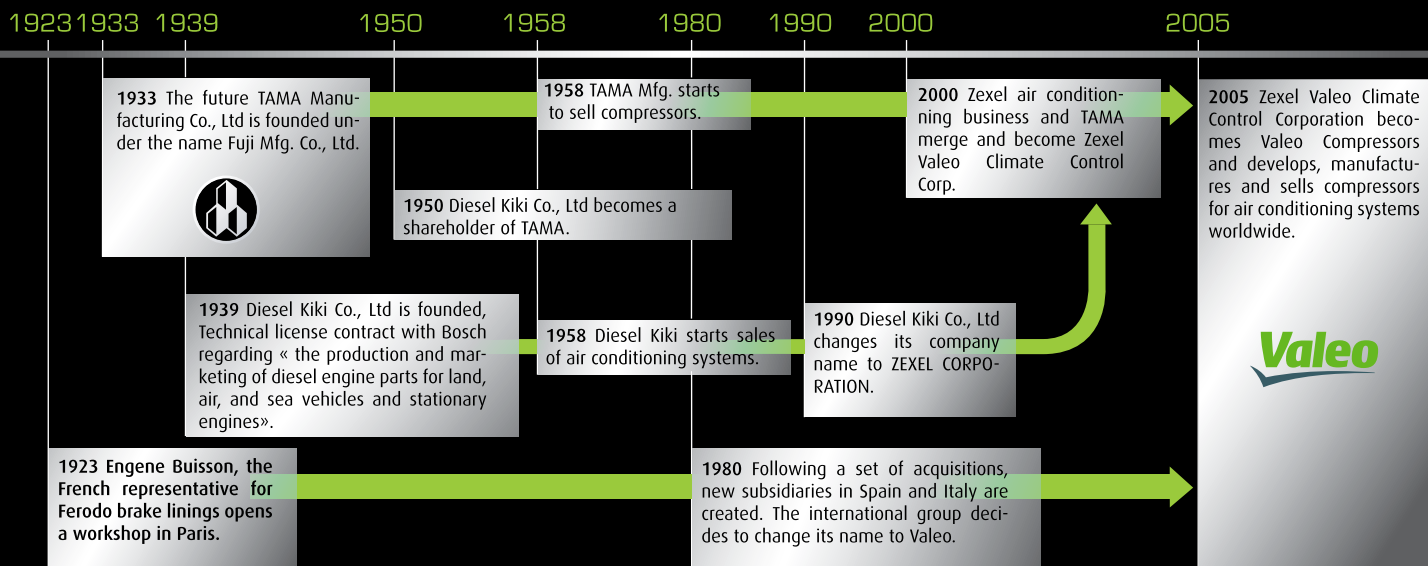




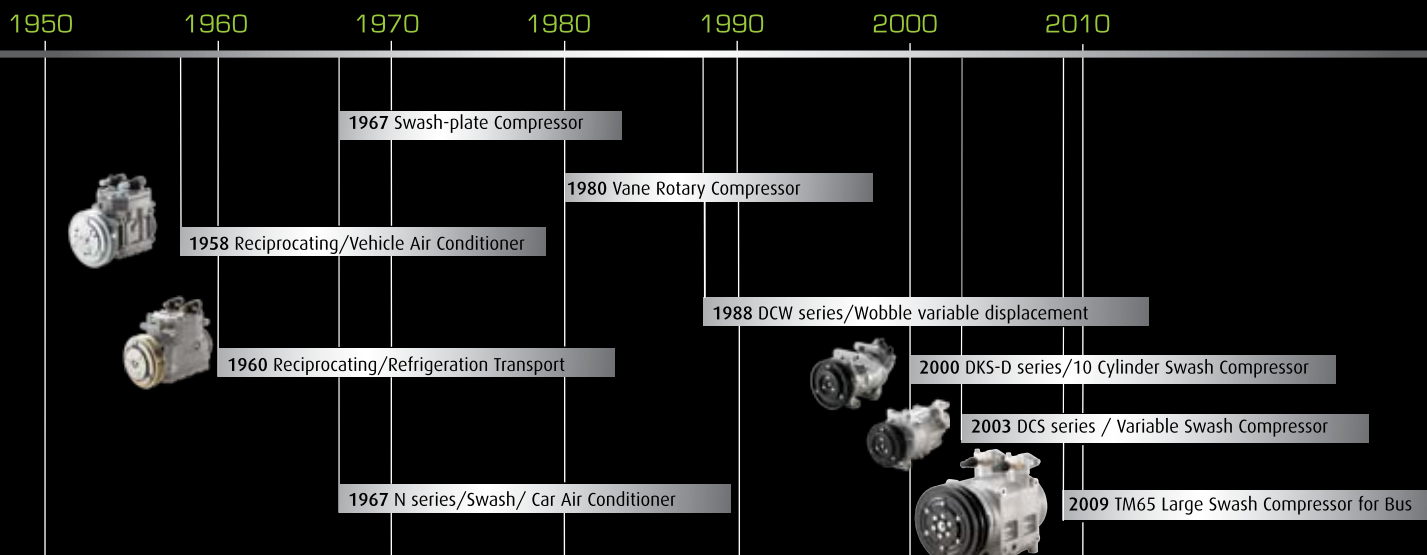
## Valeo Compressors history

The Valeo Compressors legacy goes back to 1958 in the Japanese prefecture of Gunma, when the company Tama manufacturing, founded in 1933, started to manufacture air-conditioning compressors. Tama manufacturing was renamed Zexel Valeo Climate Control Corporation in 2000 when it absorbed former Zexel group climate control business and welcomed Valeo group as one of its major shareholders. In 2005, Zexel Valeo Climate Control Corporation became a fully owned subsidiary of Valeo following a successful merger with Valeo Climate Control business. Since then, Valeo Compressors has been one of the fastest growing product families of Valeo Group, taking advantage of both eastern and western cultural backgrounds for superior quality and performance.

### COMPANY HISTORY



### COMPRESSORS



# Solutions meeting customers' expectations

Valeo Compressors is one of the world's leading manufacturers of automotive air-conditioning and refrigeration compressors. Our advanced technology enables us to deliver a highly qualitative and cost competitive range of products which has established us as an Original Equipment supplier to most of leading vehicle manufacturers around the world.

Through a strong and productive partnership with automotive customers producing millions of vehicles every year, we are committed to achieving the highest customer satisfaction level in a wide range of applications. Dedicated technical and sales teams are devoted to maintaining and developing partnerships with Speciality vehicle manufacturers. Our Heavy Duty and Aftermarket dedicated business unit is currently covering all of the following specialities:

## Cars and Light Trucks: OE and Aftermarket

Our offer for Passenger Cars provides our customers with an access to original equipment (OE), remanufactured (eco-friendly) or matching quality compressors for most of today's running cars worldwide.



## Trucks and Heavy Duty Vehicles:

Many truck and heavy duty vehicle makers around the world trust our product for long-run reliability. Heavy duty implies ultimate reliability under extreme conditions.



## Buses and Coaches:

This speciality requires large displacement compressors for A/C systems cooling bigger volumes. Every year, buses and coaches running our compressors remain cool for millions of miles.



## Industrial and Agriculture machines:

This speciality benefits from our experience in light trucks and passenger cars, as well as in heavy duty applications, allowing us to offer the best possible adaptation to specific needs.



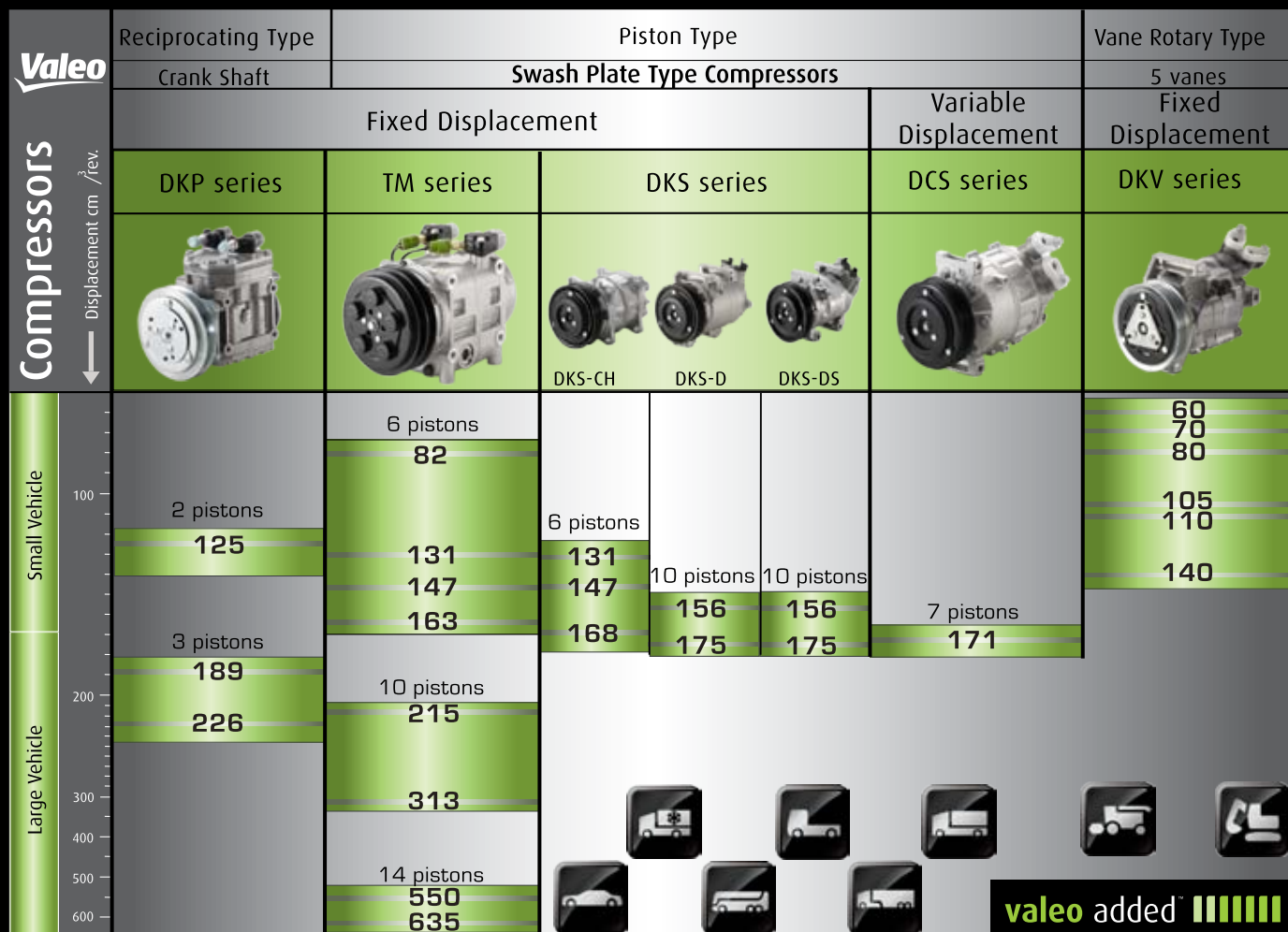
## Refrigeration (transport):

Refrigerated transport requires specific refrigerants and the highest reliability standards. Partnerships with leading market distributors allow us to ensure end user satisfaction in every country.



## Range of compressors

Our commitment is to deliver a product range that addresses our customers' needs and fully meets end-users' expectations. The only answer to this challenge is a strong investment in research and development which allows us to offer a wide range of displacements and applications. This achievement is the result of 50 years of design improvements for all technologies used today in our compressors.





### Fixed displacement swash plate piston type

- TM Series: TM08, TM13, TM15, TM16, TM21, TM31(DKS-32), TM55, TM65
- DKS Series: DKS13, DKS15, DKS17

- > Unlimited adaptations and field serviceable TM series
- > Comprehensive range coverage from small engines to heavy duty including bus applications with TM and DKS series
- > State of the art design for best efficiency and performance



### Fixed displacement reciprocating piston type

- DKP Series: DKP12, DKP19, DKP23

- > Proven robust solution and reknown refrigeration application standard
- > Heavy duty durability
- > Long lasting performance



### Fixed displacement vane rotary type

- DKV Series: DKV06, DKV07, DKV08, DKV10, DKV11, DKV14

- > Light and robust design for small engine applications
- > Highest efficiency for passenger cars
- > Lower vibration and noise levels than scroll compressors



### Variable displacement swash plate piston type

- DCS Series: DCS17

- > Variable displacement providing on demand cooling capacity to A/C systems
- > Reduce significantly passenger car fuel consumption
- > Clutchless option reducing weight, noise and vibration level

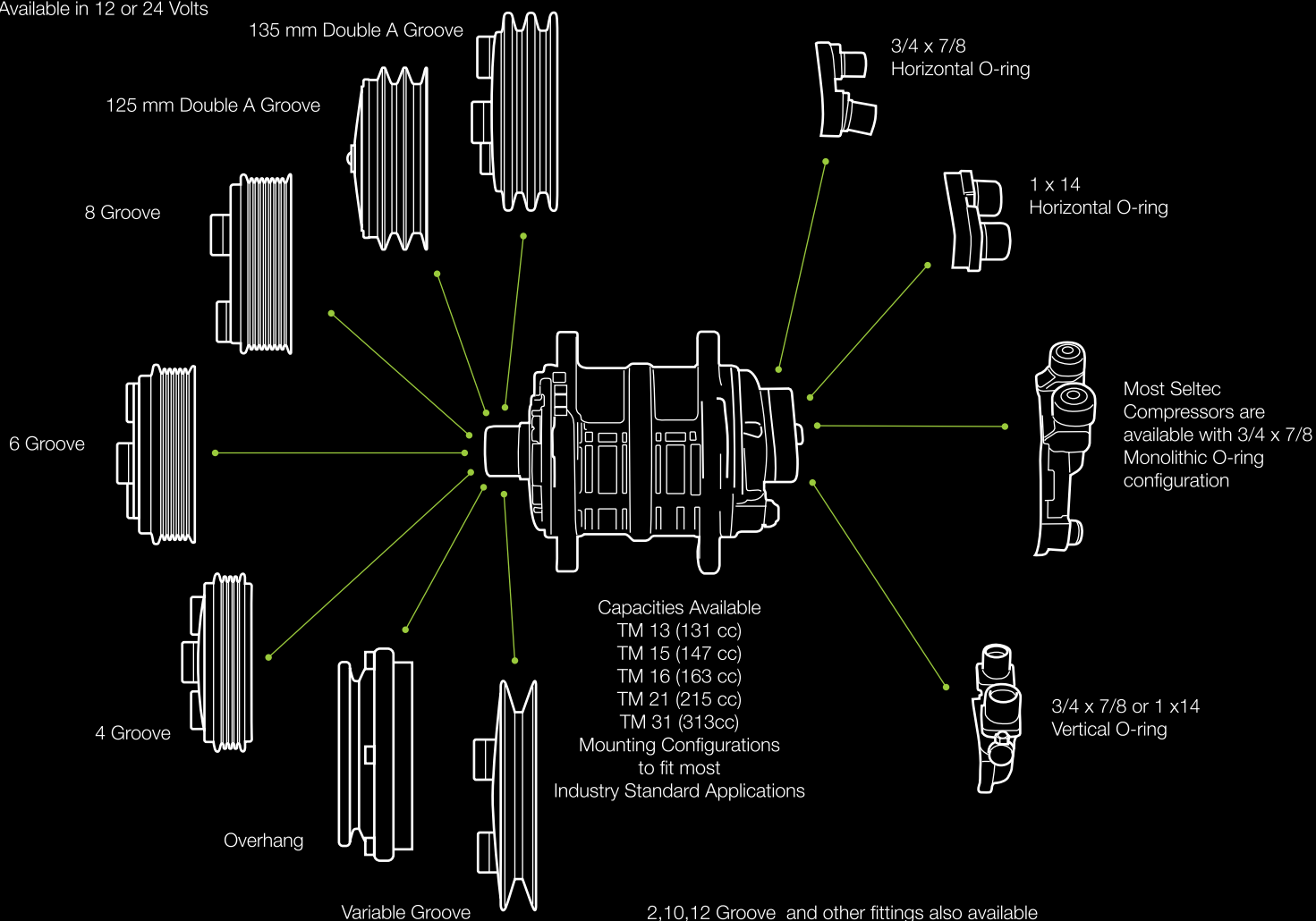


## Compressors adaptations

The TM series compressors were designed to cover a wide range of applications, providing the best fit to the needs of A/C systems makers and any customer requiring adaptation flexibility. TM compressors also incorporate the latest design improvements in order to meet better the needs of today's heavy duty systems. TM compressors are designed to be field serviceable with parts which are available from your distributor and can be replaced at your local service facilities.

### TM compressors' adaptations:

Available in 12 or 24 Volts



## Heavy Duty and Aftermarket Sales

### Asia

#### Japan Sales Office

39, Sendai, Kumagaya-shi, Saitama-ken  
360-193 Japan  
Phone: +81 (0) 48 539 3801  
Fax: +81 (0) 48 539 3843  
Email: vc-oura-sales@valeo.com

### China

#### China Sales Office

No.2677 Shiji Avenue, Eco. & Tec. Dvt Zone 130031  
Changchun, Jilin PRC  
Phone: +86 (0) 431 8499 2025  
Fax: +86 (0) 431 8499 2004  
Email: vc-changchun-sales@valeo.com

### Europe & Middle East Africa

#### France Sales Office

6 rue Francois Cevert  
BP71014 49015 Angers France  
Phone: +33 (0) 241 686 164  
Fax: +33 (0) 241 686 239  
Email: vc-angers-sales@valeo.com

### Americas

#### North America Sales Office

Trade Center IV 2520 Esters Blvd #100  
Dallas, TX 75261 United States  
Phone: +1 972 456 1077  
Fax: +1 972 574 1925  
Email: vc-dallas-sales@valeo.com



## Valeo Compressors Locations

### Headquarters

#### Valeo Compressors

6F Minamo-shinjuku, hoshino-Bldg 5-23-13  
Sentaigaya Shibuya-ku  
151-0051 Tokyo Japan

### Production plants

|                   |                           |
|-------------------|---------------------------|
| Japan - Oura      | Czech Republic - Humpolec |
| Japan - Kumagaya  | Poland - Czechowice       |
| China - Changchun |                           |
| Thailand - Rayong |                           |

### Technical Centers

Japan - Kumagaya  
U.S.A. - Auburnhills  
Germany - Hockenheim

# Valeo Compressors Quality for Heavy Duty



# Valeo

valeo added 

[www.valeocompressors.com](http://www.valeocompressors.com)

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Email: [vc-oura-sales@valeo.com](mailto:vc-oura-sales@valeo.com)

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