

# cooling system solutions

products portfolio



A close-up photograph of a male technician with a beard and safety glasses, wearing a blue t-shirt with the 'EUROKLIMAT' logo. He is focused on working on a piece of equipment, possibly a refrigeration unit, using a red-handled tool. The background shows a window with horizontal blinds. A semi-transparent grey box with white text is overlaid on the left side of the image.

“Some things can’t be mass-produced.”

**EUROKLIMAT**<sup>®</sup>  
Cooling system Solutions

# We believe in a job well done

When Euroklimat was founded in 1963, our mission was simple:  
to make the best air-conditioners in the world.

Today we have added more: efficiency maximization, energy  
saving and respect for the surrounding environment have become  
constant objectives of our everyday work.

With our sophisticated technology, constant innovation and  
flexible market approach, we were the first to develop the widest  
range of chillers with natural gas, R290.

Our mission for the future is to become a market leader in the  
construction of R290 chillers.

*Michele Bedin*  
CEO EUROKLIMAT



# Our plants and quality management

## Over 50 years of business

Since we set up business in 1963, the company's head offices have always been in Italy, near Milan. Today, our aim is to be a market leader in chillers with natural refrigerant (propane): by doing this, we are helping the industry to become more efficient, preserving natural resources and protecting the environment.

## Organization in Italy

At our Italian plant spread over an area of 6,000 square metres, with a work force of 60 people, Euroklimat designs and produces refrigeration units, heat pumps and precision air conditioners that can be used both in industrial processes and traditional comfort applications.

## Infinite quality

Euroklimat firmly believes that Customer Satisfaction is an indispensable factor for success. A priority objective to achieve this result is the constant improvement of our products, services and the relative production processes.

This objective means involving all of the company's resources with planned, systematic activities for Quality; for this reason, our system complies with the international standard UNI EN ISO 9001:2015.

## Organization in China

Our plant covers a surface of approximately 100,000 square metres, with over 1,000 people and includes a large test chamber and a sophisticated R&D laboratory, in addition to real production departments, where the performance of the units is measured before being placed on the market.



**COMPANY  
WITH QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =**



Factory Italy • Sizio



Factory China • Huangjiang, Dongguan, Guangdong





# Market leader in R290 chillers

## Here's why



### It is natural

Propane is an aliphatic hydrocarbon that belongs to the series of paraffins. It is obtained by fractional distillation from oil and natural gas.

At ambient pressure and temperature, it is a colourless, odourless gas that is nonetheless easy to liquefy; it is used as fuel for cars, as well as for domestic and industrial purposes, besides supplying camping lamps and stoves.



### It is ecological

Global Warming Potential (GWP) = 3



### It is efficient

EER: + 12%

compared to an equivalent R410A machine.

Wide range of uses:

- HVAC
- Process Cooling
- Medium Temperature



### It is safe

The technical measures Euroklimat adopts for its chillers, in keeping with current regulations and directives, together with its ZERO LEAKS policy, mean it is possible to obtain extremely high levels of safety and guarantee maximum reliability in all working conditions.



# Quality, performance and reliability second to none

## ATEX Compressors



Guarantee maximum safety in all working conditions.

## ZERO LEAK Design

A careful study of the joints and pipes makes it possible to eliminate the risk of refrigerant leaks and guarantees the highest level of safety.



## Insulated electric panel

The special construction of the casing and electric wiring developed taking the appropriate measures mean the unit is fully protected in the event of a refrigerant leak.

## EcoDesign READY

The performance of each unit complies with the European Directive 2009/125/EU, the Commission Regulation (EU) 2016/2281 and with the Harmonized Directives.

# Natural Cooling references

## Pharmaceutical industry



Roche Diagnostic Mannheim | Germany

Regional Hospital St. Pölten | Austria

Danish Technological Institute | Taastrup

## Mass retailing



Metro | Padova

Carrefour Galati | Romania

Waitrose | England

## Food industry



Nestlé | France

Del Monte Foods | England

The Coca Cola Company | Brazil

## Energy Transport



Metro Copenhagen | Denmark

Mekanotjänst Järvsö AB | Sweden

E.ON Kernkraft GmbH | Germany

## Cold stores



John Lewis Birmingham | England

Marathon Logistic Kostrzyn | Poland

Carrefour Mega Mall | Bucharest



# Natural Cooling - Product range

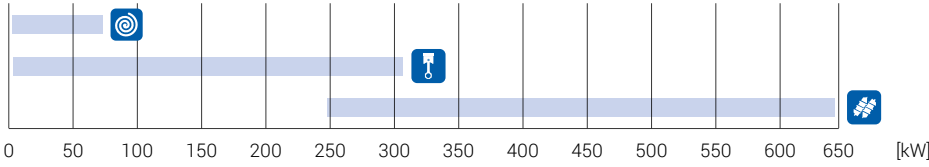


R290 Refrigerant  
R290 | GWP=3



## Chillers for COMFORT and PROCESS COOLING application

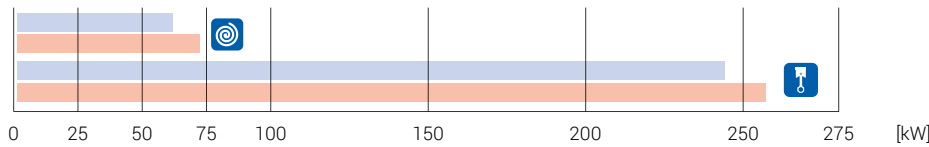
air / water



Cooling capacity

## Chillers and Heat pumps

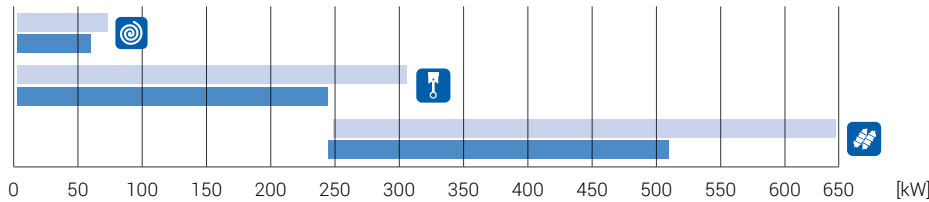
air / water



Cooling capacity  
Heating capacity

## Chillers with FREE-COOLING system

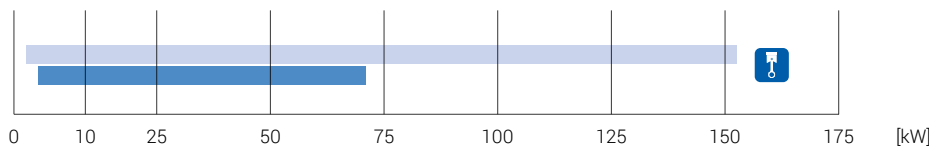
air / water



Cooling capacity  
FREE-COOLING capacity

## MEDIUM and LOW TEMPERATURE Chillers

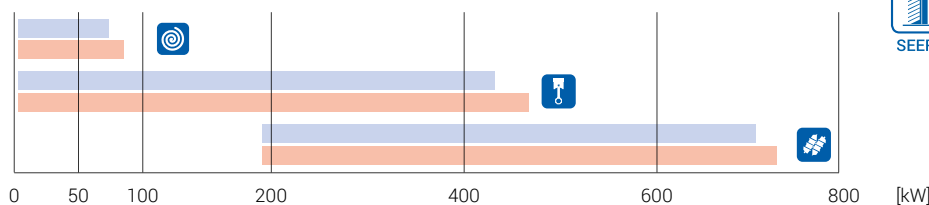
air / water



Cooling capacity MT  
Cooling capacity LT

## Chillers and Heat pumps

water / water



Cooling capacity  
Heating capacity



The information obtained from the international market is sent to the head office, and constitutes the basis for the product and organisation's constant growth and improvement.



# Organisation and experience

## **Marketing**

Since the company was set up in 1963, Euroklimat has been searching for new products using the latest technology, with maximum focus on the market demands and requests, aimed at user satisfaction.

## **Sales network**

Besides guaranteeing a well-established presence in several countries, internal market representatives and distributors or branches abroad collect market feedback and send it to the company; this lies at the root of the product or organisation's constant growth and improvement.

## **Precision design**

All parts of the equipment are designed internally, guaranteeing the necessary competence in terms of both refrigeration-mechanics and electrics-electronics, while respecting the applicable regulations in the various countries of destination.

A scrupulous, sophisticated quality procedure controls the conformity of the design with the purchased components and product development.

# Support and assistance



## **Webservice² - web portal 24/7**

Planned and designed for the specific competences, “webservice” is a web portal that enables customers or support centres to access the detailed documentation for each single machine: the construction drawing, electric diagram, list of spare parts, order confirmation, instructions manual, declaration of conformity and much more.

The information is consequently always available and up-to-date, also when you are physically at the site of installation.

Thanks to the new features of WebService², it is now possible to check in real time the availability of spare parts for each serial number, simply by accessing the service with your own web credentials.



## **wEKool - Product selection software**

The new wEKool selection software is able to search and select, within the wide range of Propane machines produced by Euroklimat, the most suitable solution to meet the specific request.

For more information visit our website [www.euroklimat.it](http://www.euroklimat.it).

## **After-sales service**

Our organisation includes an office dedicated to after-sales technical support that is able to offer a great number of services, such as:

- On-line technical service
- Spare parts service
- Technical intervention in situ
- Scheduled maintenance service
- Customer training courses
- External support centre training courses





















## **Spare parts warehouse**

The internal warehouse is divided into a central warehouse, which supplies the assembly lines, and the spare parts warehouse that can guarantee almost immediate availability of all “critical” components.





## ICONS LEGEND

 Hermetic rotary compressor	 Scroll compressor	 Semi-hermetic piston compressor	 Screw compressor	 <b>TURBO</b> Centrifugal compressor Turbocor	 <b>INVERTER AVAILABLE</b> Inverter available
 Axial fan	 Plug-Fan	 Brazed plate heat exchanger	 Shell&Tube exchanger	 NoFrost evaporator	 <b>FC</b> FREE-COOLING
 Heat pump version	 Water reversible heat pump	 Medium temperature (-8°C)	 Low temperature (-25°C)	 Vertical airflow	 Horizontal airflow
 "Tecno" solutions	 "Comfort" Solution				

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