



Company Profile



An outstanding global brand

In over 30 years of activity focusing on the design, production and distribution of air conditioning and air handling systems combining high efficiency levels with a minimal environmental impact, Clivet has developed its own proposal to ensure sustainable comfort and wellbeing for people and the environment. Designing and developing year-round air conditioning solutions with innovative technologies is part of Clivet's DNA, which means the company has always been ready for the future.

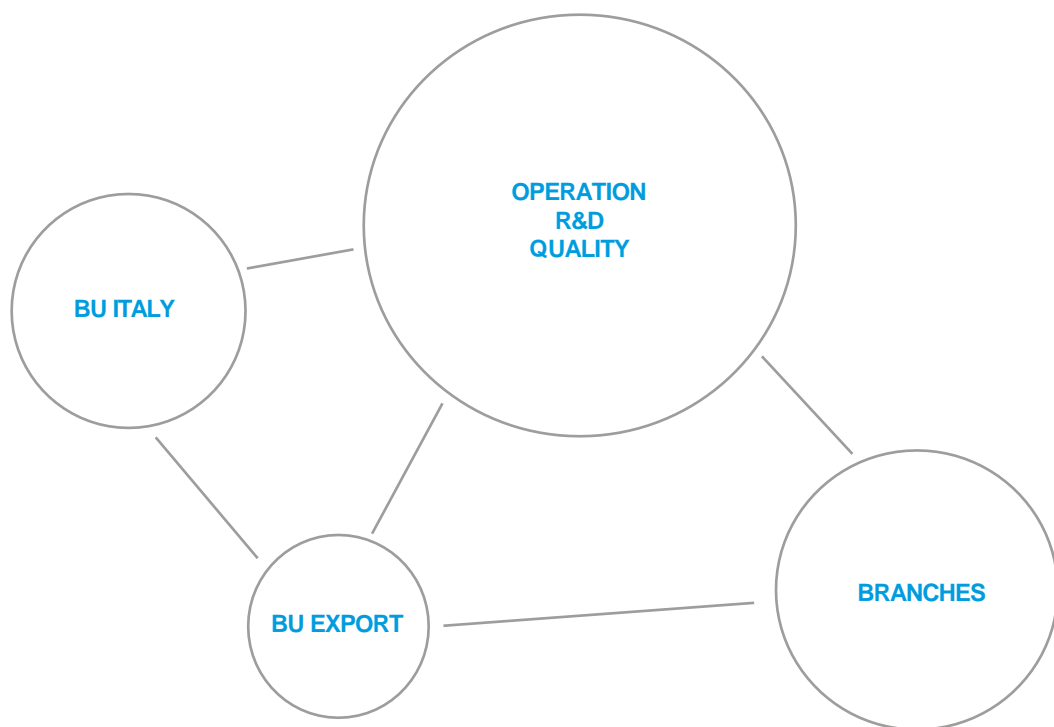
Inspiring solutions since 1989

Established in 1989 in Feltre, near Belluno, by Bruno Bellò, the company started out with the production of chillers and heat pumps. It then went on to develop innovative specialised systems based on rooftop units, water loop systems and residential systems.

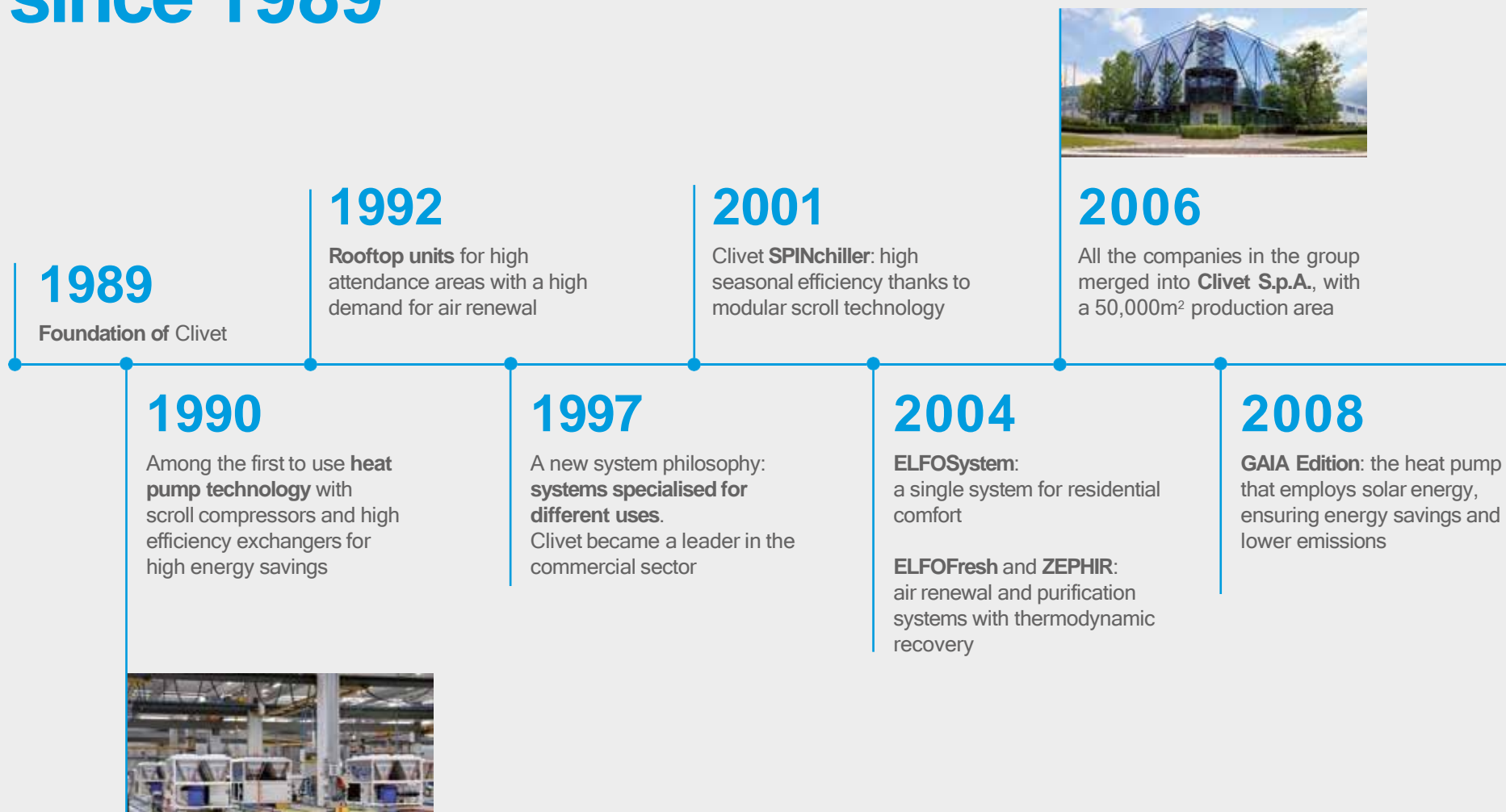
In 2016, thanks to the industrial partnership with MIDEA Group, Clivet completed its range of solutions by integrating it with VRF, MONO/MULTISplit products and Midea's technologies.

Clivet's people

More than 700 employees working in Italy and around the world



Innovation and development since 1989





MideaGroup

humanizing technology

2013

ELFOPack: the multifunction heat pump for houses with 'nearly zero' energy needs and blocks of flats with a decentralised system

2016

Strategic alliance between Clivet and Midea

2018

The first products from Clivet-Midea's partnership were created: **Rooftop Inverter** and **Centrifugal Chiller**

2020

The **Innovation Centre** was created

2011

Creation of **Clivet Air** for the production of air handling units

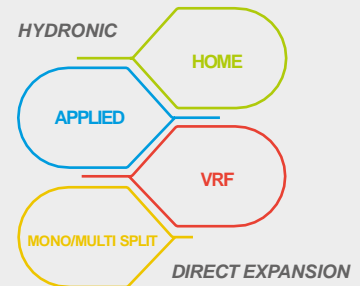
2015

Creation of the new **Clivet Home** division with an extensive series of solutions for the residential market



2017

VRF and Split R-32 **direct expansion** systems completed the series



2019

Rebranding and new design for Clivet products: **ALTO DESIGN**

Clivet's pillars for the sustainable systems of the future

1

Heat pump technology

Heat pumps are the technology of the future as they are more efficient than traditional combustion systems:

- 50% lower Primary Energy, CO2 Emissions and Operating costs
- Extensive use of Renewable Energy



2

Importance of air renewal

Clivet products with thermodynamic energy recovery for ventilation have the following advantages:

- They recover energy in both winter and summer
- They reduce the outdoor air load through a more efficient system and provide additional energy to maintain indoor comfort
- They reduce the capacity of the main generators, limiting their activation to seasonal peaks
- They dehumidify in summer

3

High seasonal efficiency

Clivet makes systems designed to meet the specific needs of every single application, thereby optimising the use of the system's resources to reach top seasonal efficiency levels thanks to:

- A single systematic solution
- Use of the most favourable resources
- Full control over the system
- Continuous capacity modulation

All Clivet products and systems are based on six key pillars that make Clivet's products and systems unique. These pillars are the basis to create specialised systems for applications and the benchmark for the sustainable systems of the future.

4

All in one

In many applications, Clivet provides the necessary features with a single product:

- Heating
- Cooling
- Domestic hot water
- Air renewal and purification
- Energy recovery
- Dehumidification

5

Integrated systems

In applications requiring the use of several units, Clivet provides integrated systems in which the individual elements – optimised and industrially processed to work together – guarantee maximum efficiency and reliability:

- Simplified design and installation
- Lower investment costs
- Quality systems
- Guaranteed performance

6

Decentralisation

For years Clivet has been applying the principle of producing thermal and cooling energy as close as possible to the area of the building to be air-conditioned:

- Modular systems that operate only where and when required
- Reduction or complete elimination of auxiliary consumption (e.g. pumping energy)
- Stand-alone system
- Easy to maintain and handle
- Flexibility to adapt to the system's needs

Specialised systems for any intended use and any climatic condition



RESIDENTIAL



Load intensity



Simultaneous loads



Fresh air demand



Domestic hot water



OFFICES



Load intensity



Simultaneous loads



Fresh air demand



Domestic hot water



HOTELS



Load intensity



Simultaneous loads



Fresh air demand



Domestic hot water



CINEMAS



Load intensity



Simultaneous loads



Fresh air demand



Domestic hot water

Today, buildings are required to constantly provide high wellbeing levels regardless of outdoor conditions. However, **not all buildings are alike**: depending on their use, there are considerable differences in terms of load intensity, simultaneous requests for hot and chilled water, domestic hot water production, air renewal and purification.

That is why Clivet has created a series of system solutions specialised for applications that meet the specific needs of different buildings by optimising the overall efficiency in relation to traditional systems. Clivet's specialised systems simplify design and installation work, improve control of the whole system, reduce the environmental impact and, at the same time, optimise the initial investment, reduce running costs, increase the building's energy rating and therefore its value on the real estate market.



PUBLIC BUILDINGS



Load intensity



Simultaneous loads



Fresh air demand



Domestic hot water



SHOPPING CENTRES



Load intensity



Simultaneous loads



Fresh air demand



Domestic hot water



HOSPITALS



Load intensity



Simultaneous loads



Fresh air demand



Domestic hot water



INDUSTRY



Load intensity



Simultaneous loads



Fresh air demand



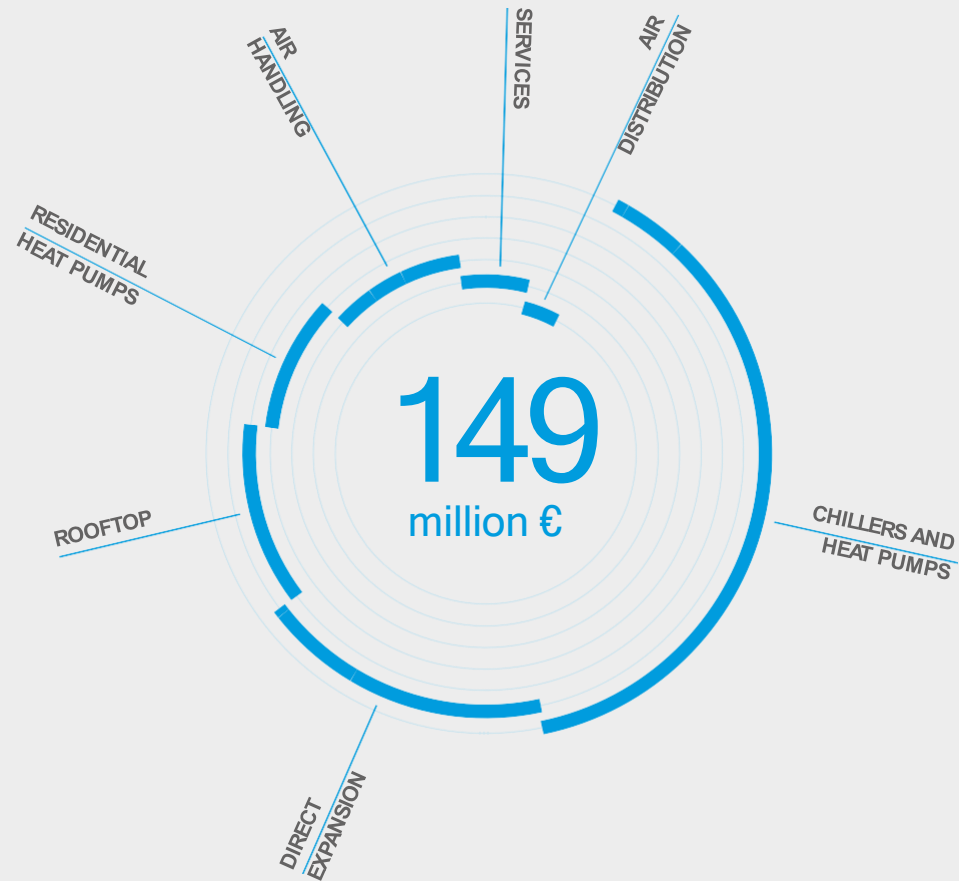
Domestic hot water



The alliance with Midea: an industrial and strategic synergy

MideaGroup
humanizing technology

CLIVET 2020 TURNOVER



PLANTS

50,000 m²
Feltre, Belluno - Italy

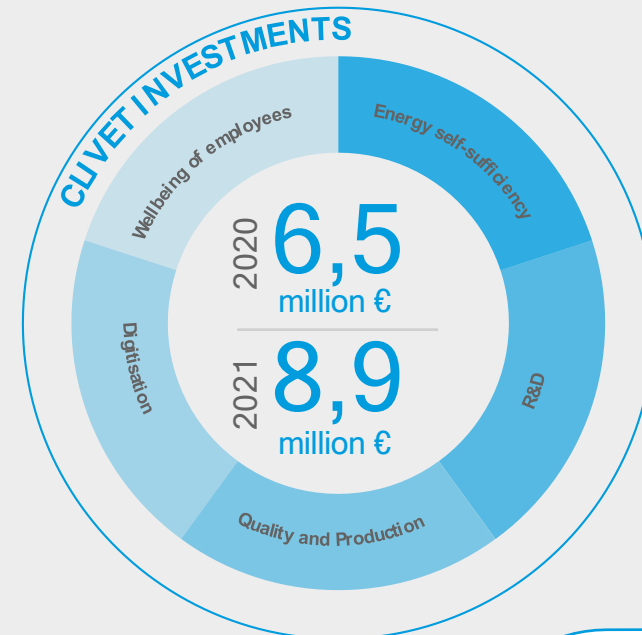
3,500 m²
Verona - Italy
(production of AHUs)

MIDEA 2020 TURNOVER

\$ 44.1bn

FORTUNE GLOBAL 500
Midea Group **288th** in 2021

INDUSTRY 4.0

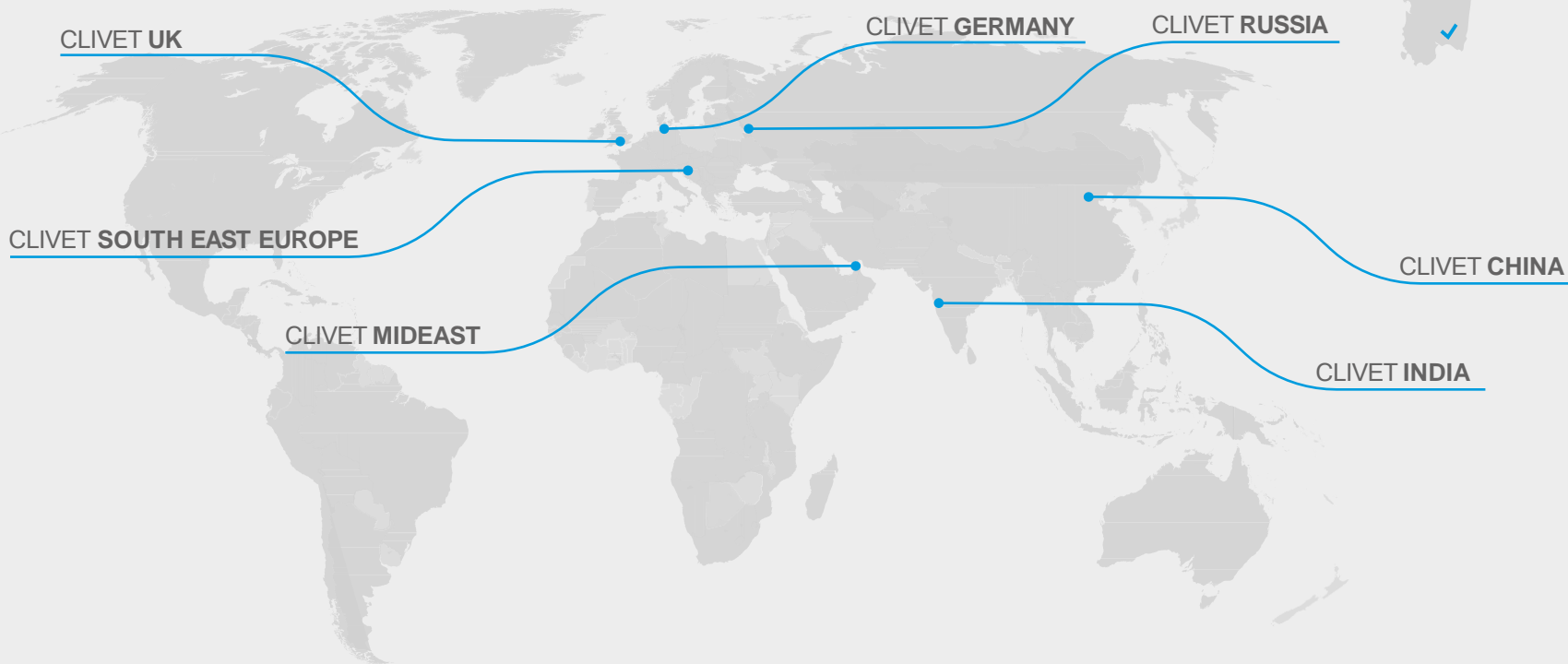


Networks



AROUND THE WORLD

100 COUNTRIES WE EXPORT TO
7 BRANCHES



IN ITALY

35 AGENCIES
160 SERVICE CENTRES
260 RETAILERS



HEADQUARTERS
FELTRE (BL)



Innovation Centre

The Innovation Centre, Clivet's new Centre for Technological Innovation, was created to increasingly improve the quality and speed of development of all products.

Expanding the range of tests on products and components means increasing the quality of the products themselves and the speed of development and technological innovation. With the new Innovation Centre test rooms and the new test areas, Clivet can carry out increasingly functional, performance, acoustic, vibration and stress tests, with air temperatures from -20°C to +60°C, for units up to 2.5 MW with new refrigerants with low environmental impact. Customers can attend the tests both at the Innovation Centre and online.

8 TEST ROOM
FOR RESIDENTIAL
UNITS

6 TEST ROOM
FOR MEDIUM-LARGE
UNITS

Clivet University

Clivet has an actual training centre, the Clivet University:

- Classrooms to provide training on theory
- A fully equipped practice area of over 500 m²
- Webinars for online training.

Professionals can experience the installation, operation and maintenance of Clivet systems running in real conditions.

IN 2020:

- **MORE THAN 7400 PEOPLE TRAINED**
- **MORE THAN 700 HOURS OF TRAINING**



Certifications and Partnerships



Eurovent

Clivet is part of the EUROVENT Certification Programme for "Water Chillers", "Rooftop units", "Air handling units" and "VRFs".



KeyMark

European brand for the provision of incentives for the installation of heat pumps to heat and produce domestic hot water. Countries where the brand is recognised and Certified Products available at keymark.eu/en



MEPS

The Australian Energy labelling and Minimum Energy Performance Standards (MEPS) under the Equipment Energy Efficiency (E3) program seek to address problems relating to lack of information on the energy performance of appliances and equipment and incentives that may result in poor energy efficiency choices.



Integrated Management System

Clivet has certified its Quality, Environment and Safety Management Systems according to the international standards ISO 9001, ISO 14001 and ISO 45001.



Eko sklad

Slovenian government brand for the promotion and protection of the environment and sustainable development.



Safety standard

Products compliant with applicable Directives as required in all EU countries.



SG-Ready

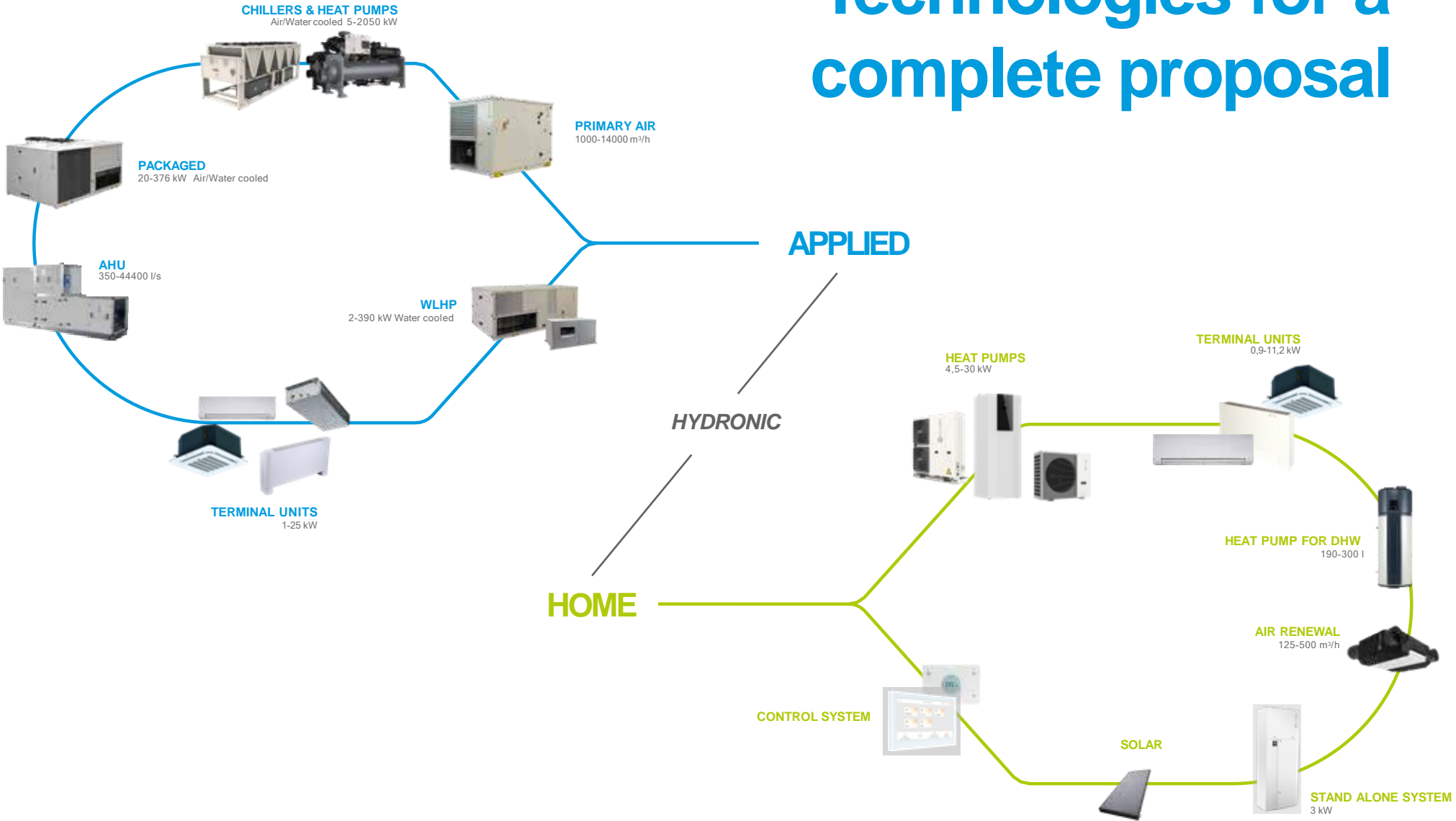
Heat pumps certified to be connected to a smart grid to optimise consumption in combination with renewable energy systems.



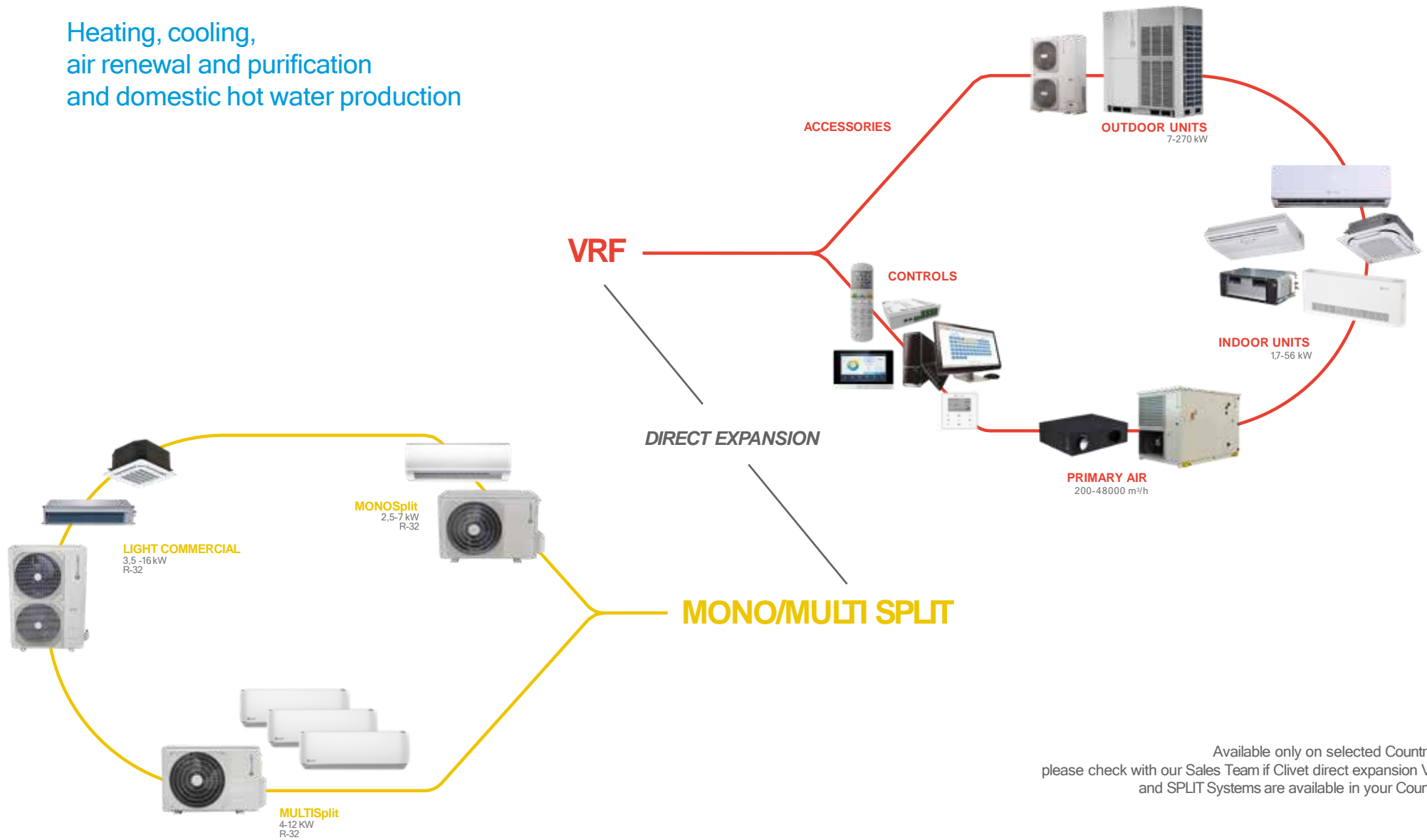
ERP – Energy-related Products

Clivet products and systems meet the requirements of the ErP Delegated Regulations.

Technologies for a complete proposal



Heating, cooling,
air renewal and purification
and domestic hot water production



Available only on selected Countries:
please check with our Sales Team if Clivet direct expansion VRF
and SPLIT Systems are available in your Country.

Solutions for any climate

Oskarström Sweden

Sports
NISSAN PADELCENTER

Packaged



Vicenza Italy

Residential
PRIVATE HOME

ELFOSystem + Primary air



Abidjan Ivory Coast

Industry
OLEA LABORATORIES

Packaged



Moscow Russia

Residential
SOFSYSKIY HICCUPS

VRF



Yan'an, Shaanxi China

Entertainment
BAOTA MOUNTAIN TOURIST CENTRE

Hydronic



Feltre (BL) Italy

Hotel and Residential
B&B STREGATTO DALLA LUNA

Split



Brisbane Australia

Retail
WOOLWORTHS FISH LANE METRO

Packaged



Salalah Oman

Store
SALALAH GRAND MALL

Hydronic + Primary air



Santiago Chile

Offices
MONEDA BICENTENARIO

VRF + Primary air



Products

Chiller & Heat Pumps

<p>ELFOEnergy EDGE EVO/ SHEEN EVO</p> <p>ELFOEnergy EXTENDED INVERTER</p>	<p>ELFOEnergy MEDIUM / LARGE²</p> <p>ELFOEnergy VULCAN MEDIUM</p> <p>ELFOEnergy DUCT MEDIUM</p>	<p>ELFOEnergy STORM EVO</p> <p>ELFOEnergy MAGNUM</p>
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Capacity (A35/W7)	4 ÷ 98 kW	20 ÷ 216 kW	50 ÷ 354 kW
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ErP compliance (heat pumps only)			
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Products



Products

Chiller & Heat Pumps

REMOTEX

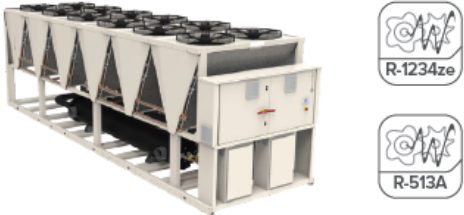
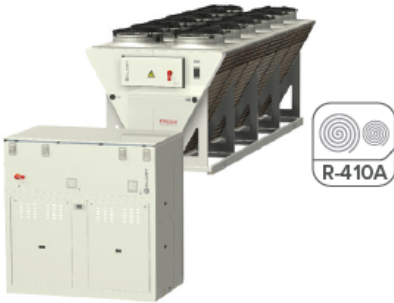
SPINchiller⁴
SPINchiller³

SCREWLine⁴⁻ⁱ
SCREWLine³⁻ⁱ
SCREWLine³

237 ÷ 680 kW

216 ÷ 1350 kW

204 ÷ 1523 kW



Products

Chiller & Heat Pumps

SPINchiller³

SCREWLine⁴-i
SCREWLine⁴

Centrifugal Chiller

210 ÷ 395 kW

340 ÷ 1520 kW

800 ÷ 1930 kW



Products

Multifunction units



Unit listed on
www.eurovent-certification.com



ErP
compliant



ELFOEnergy Magnum MF

Multifunction reversible heat pump
Air cooled
Outdoor installation
Capacity from 49,6 to 120 kW



R-410A



Hermetic
Scroll



Full Inverter
DC



Unit listed on
www.eurovent-certification.com



ErP
compliant

ELFOEnergy Magnum MF

Multifunction reversible heat pump
Air cooled
Outdoor installation
Capacity from 139 to 324 kW



R-410A



Hermetic
Scroll

Products

Multifunction units



SPINchiller³ MF

Multifunction reversible heat pump
 Air cooled
 Outdoor installation
Capacity from 243 to 1186 kW



R-410A



Hermetic
Scroll



Unit listed on
www.eurovent-certification.com



ErP
compliant



SCREWLine⁴-i MF

Multifunction reversible heat pump
 Air cooled
 Outdoor installation
Capacity from 450 to 990 kW



R-1234ze



Semi-hermetic
Twin-screw



Screw
Inverter



Electronic
expansion
valve



Unit listed on
www.eurovent-certification.com



ErP
compliant



Products

Magnetic Bearing Chiller

Magnetic bearing centrifugal chiller

Air cooled

Outdoor installation

Capacity from 880 to 4570 kW



R-134a

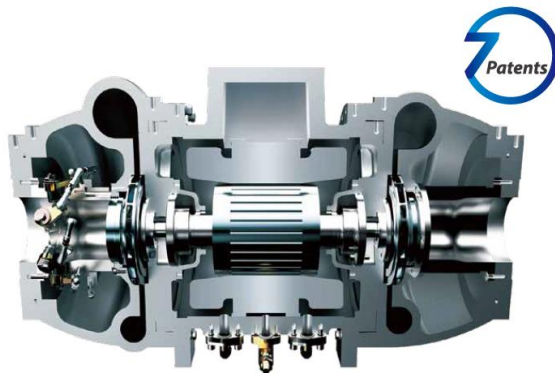


Centrifugal



Inverter

Self designed oil free compressor



Products

Rooftop Packaged

Medium attendance applications

SMARTPack²

CLIVETPack²

Air flow

3200 ÷ 10500 m³/h
(20 ÷ 46 kW)

8500 ÷ 25000 m³/h
(50 ÷ 160 kW)

22000 ÷ 60000 m³/h
(155 ÷ 376 kW)

ErP compliance



Products



Products

Rooftop Packaged

High attendance applications

Full fresh air applications

CLIVETPack²

CLIVETPack² FFA

4000 ÷ 20000 m³/h
(47 ÷ 174 kW)

3000 ÷ 9000 m³/h
(33 ÷ 90 kW)



Products

Air Handling Units

SAHU

AQX

AQH

Airflow

420 ÷ 4200 l/s

350 ÷ 44400 l/s

350 ÷ 44400 l/s



Product





Valid from: September
2021
DC21F041GB-
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MideaGroup
humanizing technology



**AIR CONDITIONING
AND AIR QUALITY
PARTNER**