

Panasonic

heating & cooling solutions

COMMERCIAL
Retail Solution



Panasonic

Panasonic – Leading the way in heating, cooling, ventilation and refrigeration

Since our first home cooler in 1958, Panasonic has focused on delivering maximum comfort. With 60+ years of experience and sales in over 120 countries, we are a global leader in heating, cooling, ventilation and refrigeration.

Experienced team with wide coverage in Europe.

Our sales, spec-in and service teams work alongside you to provide outstanding product solutions and support throughout Europe.

Centre of Excellence.

We support professionals through the Panasonic Centre of Excellence, providing continuous training across 38 centres in 22 European countries.

European factories.

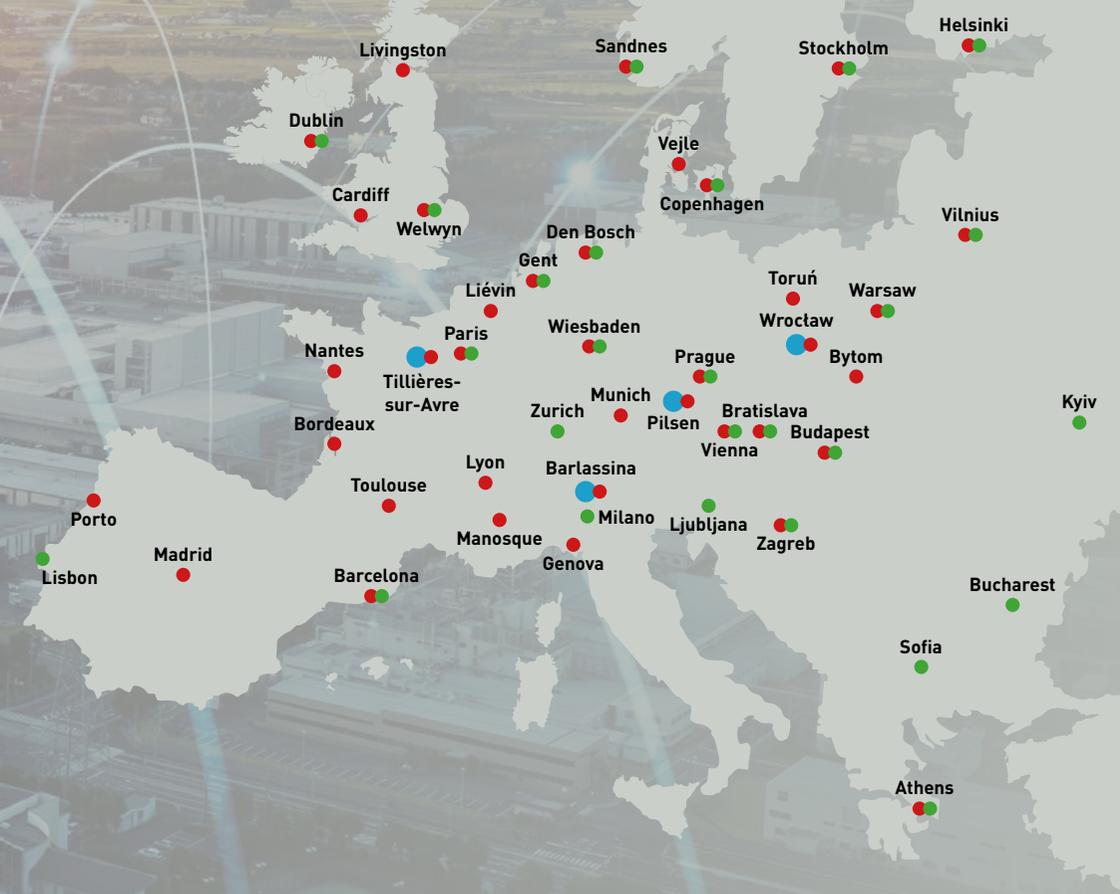
Panasonic has strengthened its European production since 2018, combining skilled teams with advanced automation to deliver high quality products.

Pilsen is Panasonic's first zero-CO₂ factory in Europe.

European R&D.

Panasonic's R&D Centres in Germany and Italy develop innovative, eco-friendly technologies for future-ready heating and cooling solutions.





● Factory ● Training Center ● Sales

A globally trusted HVAC&R brand

100% Panasonic, the DNA of Japanese technology.

International standard quality

Panasonic is committed to offering products of excellent quality through the application of advanced technologies, continuing the Japanese tradition of global quality control without compromise.

Durability. Panasonic recognises the importance of a long service life for its products with minimal maintenance. This is why its air conditioners undergo a wide range of rigorous endurance tests.



Long-term durability test / Compressor reliability test / Proof of impermeability



**RELIABLE COMPONENTS
THAT MEET OR EXCEED
INDUSTRY STANDARDS**



**SOPHISTICATED PRODUCTION
PROCESS IN AUTOMATION
AND QUALITY**



**COMPLIANCE WITH ROHS / REACH
RESTRICTIONS WITH STRICT INSPECTIONS
DURING DEVELOPMENT AND PRODUCTION**



A desire to create things of value

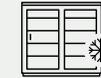
“Recognising our responsibilities as industrialists, we will devote ourselves to the progress and development of society and the well-being of people through our business activities, thereby enhancing the quality of life throughout the world.”

Panasonic Corporation’s Basic Management Objective, formulated in 1929 by the company’s founder, Konosuke Matsushita.

HVAC&R is a major contributor to your energy bill

Heating, cooling and ventilation represent the largest share of energy use in European buildings, accounting for over 40%. When refrigeration is included, the total energy impact becomes even greater.

>40%



STORAGE AREA

SALES FLOOR



RESTAURANT KITCHEN

COFFEE SHOP



COLD ROOM

SHOWCASE

-  Comfort heating and cooling
-  Control with temperature limit
-  Ventilation to improve IAQ
-  Domestic hot water (DHW)
-  Refrigeration

Panasonic environmental vision 2050

To support a sustainable global environment, Panasonic is increasing clean energy creation and improving energy efficiency for a more comfortable, eco-friendly retail business style.

Aligned with our Environmental Vision 2050, Panasonic is committed to advancing energy efficient technologies. With over 60 years of heating and cooling expertise, we continue to develop solutions that support a more carbon-free society.

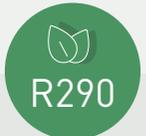
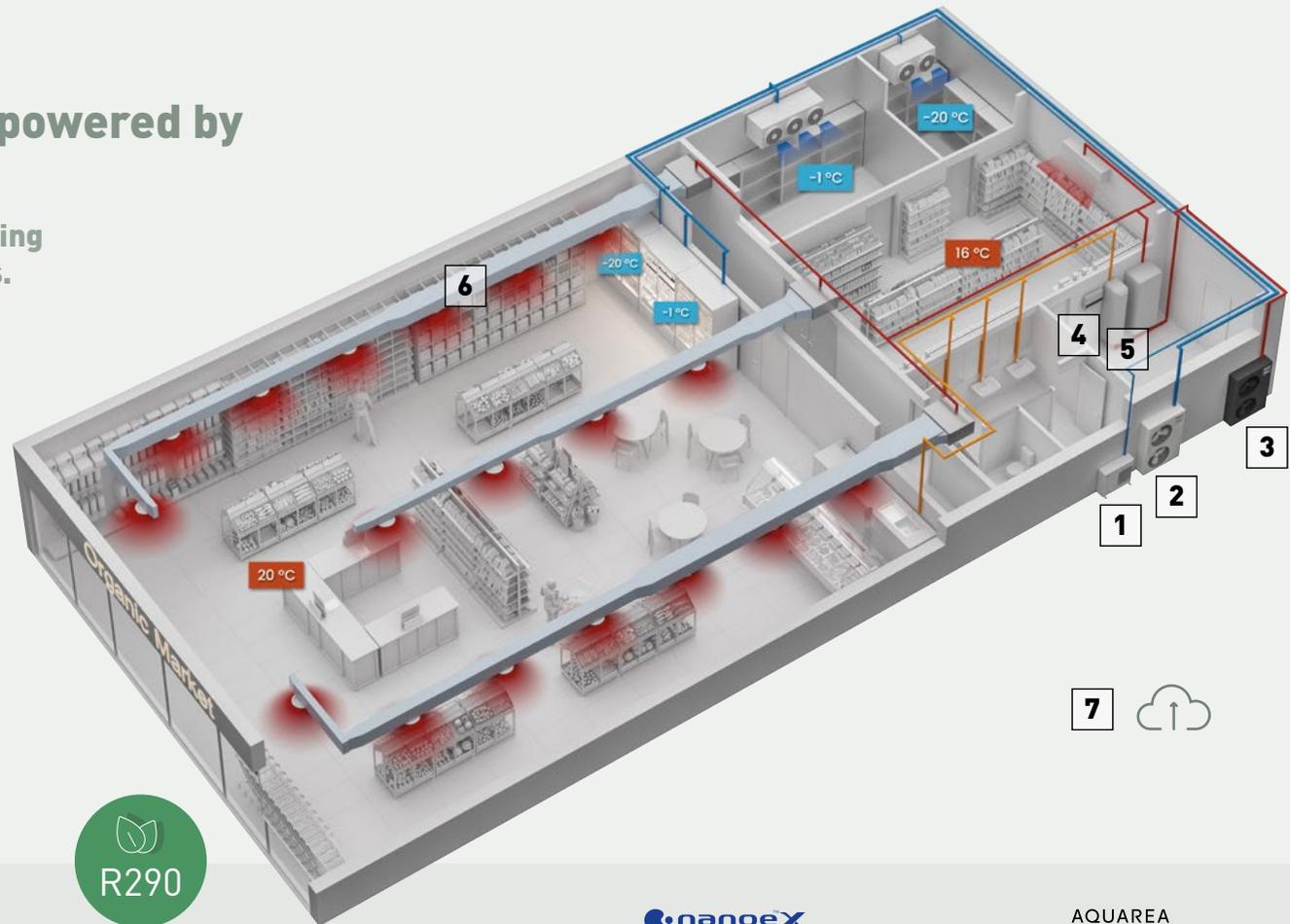


Explore Panasonic's latest sustainability data book



Complete HVAC&R solutions powered by natural refrigerants

Delivering sustainable, high efficiency heating and cooling for future-ready grocery stores.



iCO2RE



1 | 2 | High quality refrigeration for showcases and cold rooms

iCO2RE CO₂ Series.

- High performance with natural refrigerant
- Customisable for challenging conditions



3 | 4 | Energy saving air to water heat pumps

Aquarea T-CAP M Series.

- Lower heating and cooling costs
- Stable comfort all year
- Scalable for any store size

Delivers up to 75 °C hot water even at -15 °C ambient.



5 | High efficiency domestic hot water

DHW tanks and heat pumps.

- Reliable hot water for kitchen and sanitary use
- Energy efficient operation with heat recovery

nanoe™ X



6 | Fresh, clean and comfortable air

Ducted fan coil with nanoe™ X.

- Improved in-store air quality
- Helps inhibit certain airborne and surface pollutants

Equipped with nanoe™ X technology. HACCP food safety certified.

AQUAREA Service Cloud



7 | Powerful remote monitoring for peace of mind

Aquarea Service Cloud.

- 24/7 remote access
- Early issue detection
- Predictive maintenance support



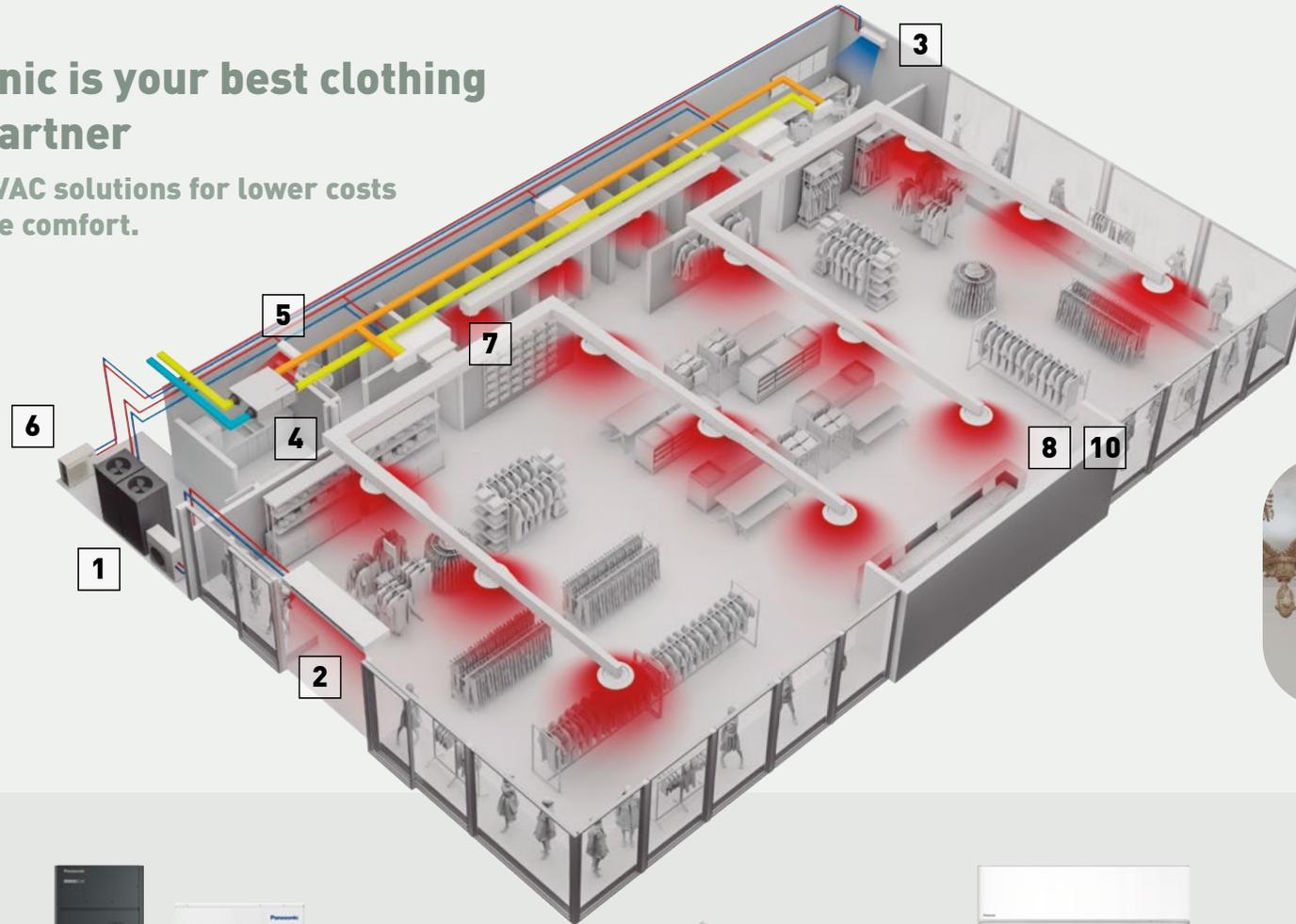
**Need to keep garbage or any spaces
cool down to 8 °C?**

PACi NX delivers cost-effective cooling,
keeping the space down to 8 °C.

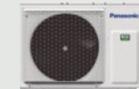
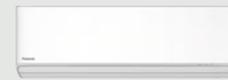


Panasonic is your best clothing retail partner

Efficient HVAC solutions for lower costs and reliable comfort.



For high-end boutiques:



1 | Extreme efficiency air to air heating and cooling ECOi EX Series – VRF.

- High efficiency, low running costs
- Heating down to -25 °C
- Flexible design for any store layout

1 | Cost-effective air to air heating and cooling PACi NX Series.

- Efficient packaged system
- Compact and easy to install
- Reliable performance up to 25 kW

2 | Effective air barrier for store entrances Air curtain with DX Coil.

- Enhances comfort at the entrance
- Reduces heat loss
- Quiet, efficient operation

3 | 6 | Reliable cooling for server rooms YKEA Series – R32.

- Dual-system for nonstop operation
- Flexible wall-mounted design
- Cooling down to -25 °C ambient

4 | Always fresh air ZY Series – Energy Recovery Ventilation.

- Energy efficient fresh air supply

Air Handling Unit (AHU) integration available with direct or water systems.

*Requires AHU connection kit.



Looking for hydronic systems?
 Commercial air to water heat pumps from 20 to 880 kW.



5 | 7 | Fresh, clean and comfortable air
Wall-mounted and ducted units with nanoe™ X.

- Improved indoor air quality
- Quiet operation
- Only 200 mm height for tight ceiling spaces (M-type duct)



8 | Control your way
CONEX wired remote controller.

- Easy operation for store staff
- Clear, intuitive interface
- Temperature-limit settings to save energy



9 | Advanced central control for multiple shops
Commercial Smart Edge.

- Monitor multiple sites 24/7/365
- Centralised control for all systems
- Web and mobile access

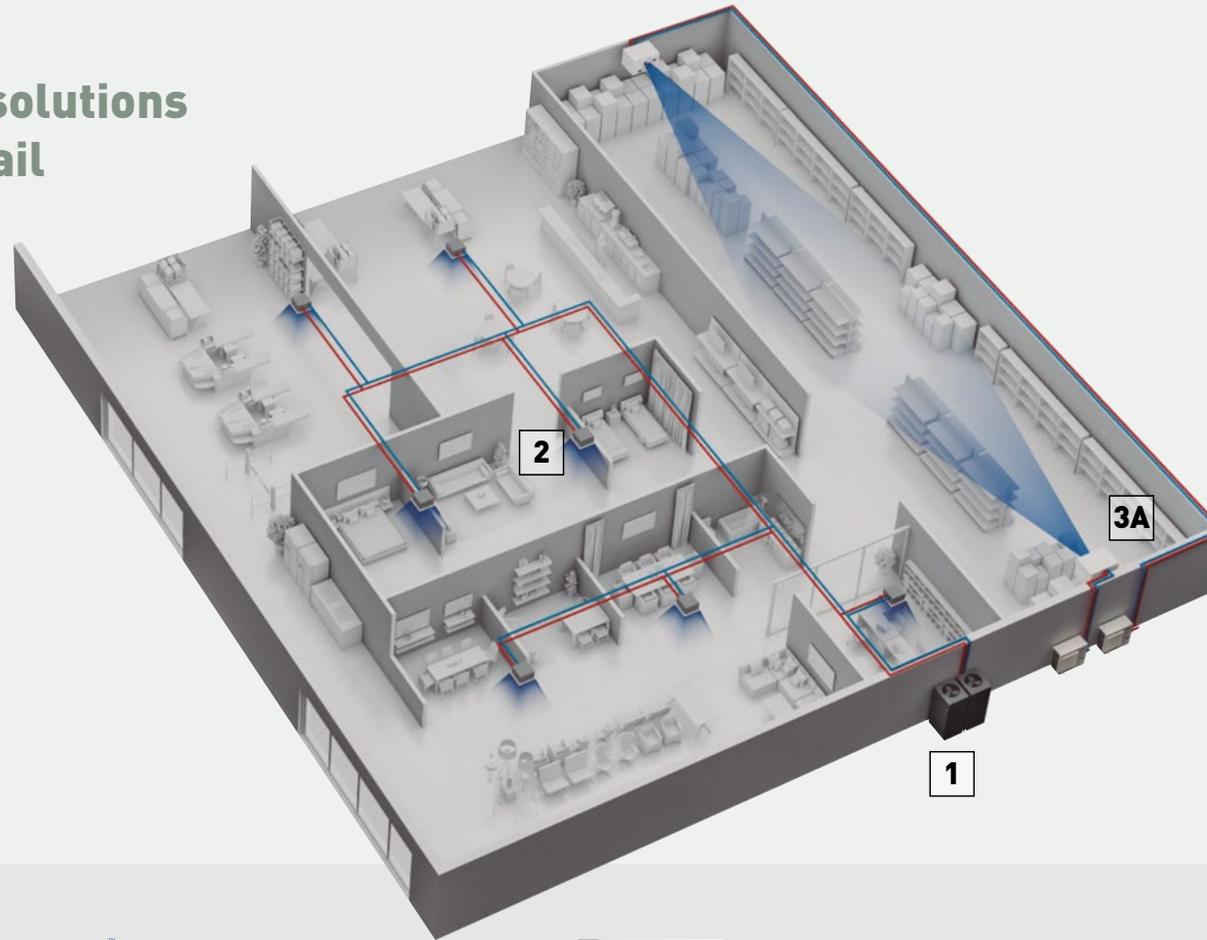


10 | Easy HVAC integration with BMS systems
BMS connectivity – KNX / Modbus / BACnet / LonWorks.

- Seamless integration
- Central oversight via BMS
- Supports smart building setups

Panasonic tailor-made solutions for large open plant retail

Advanced heating and cooling technologies that redefine comfort and efficiency in expansive retail spaces.



1 | Extreme efficiency air to air heating and cooling

Mini ECOi & ECOi EX Series – VRF.

- High efficiency, low running costs
- Heating down to -25 °C
- Flexible design for any store layout

•nanoe™
ECONAVI



2 | 360° air flow for uniform in-store comfort

4 way cassette with nanoe™ X and Econavi.

- Even air flow across the whole space
- Improved indoor air quality
- Automatically adjusts output based on occupancy



3A | High air flow heating and cooling for warehouses

Jet Air Stream.

- Powerful, long-reach air flow for large spaces
- Year-round heating and cooling
- Self-directing nozzles for optimal coverage

OR



3B | Compact rooftop solution for large retail spaces

ECOi-RT Rooftop.

- Heating, cooling and ventilation in one unit
- Compact monobloc design
- Ideal for large stores and open areas



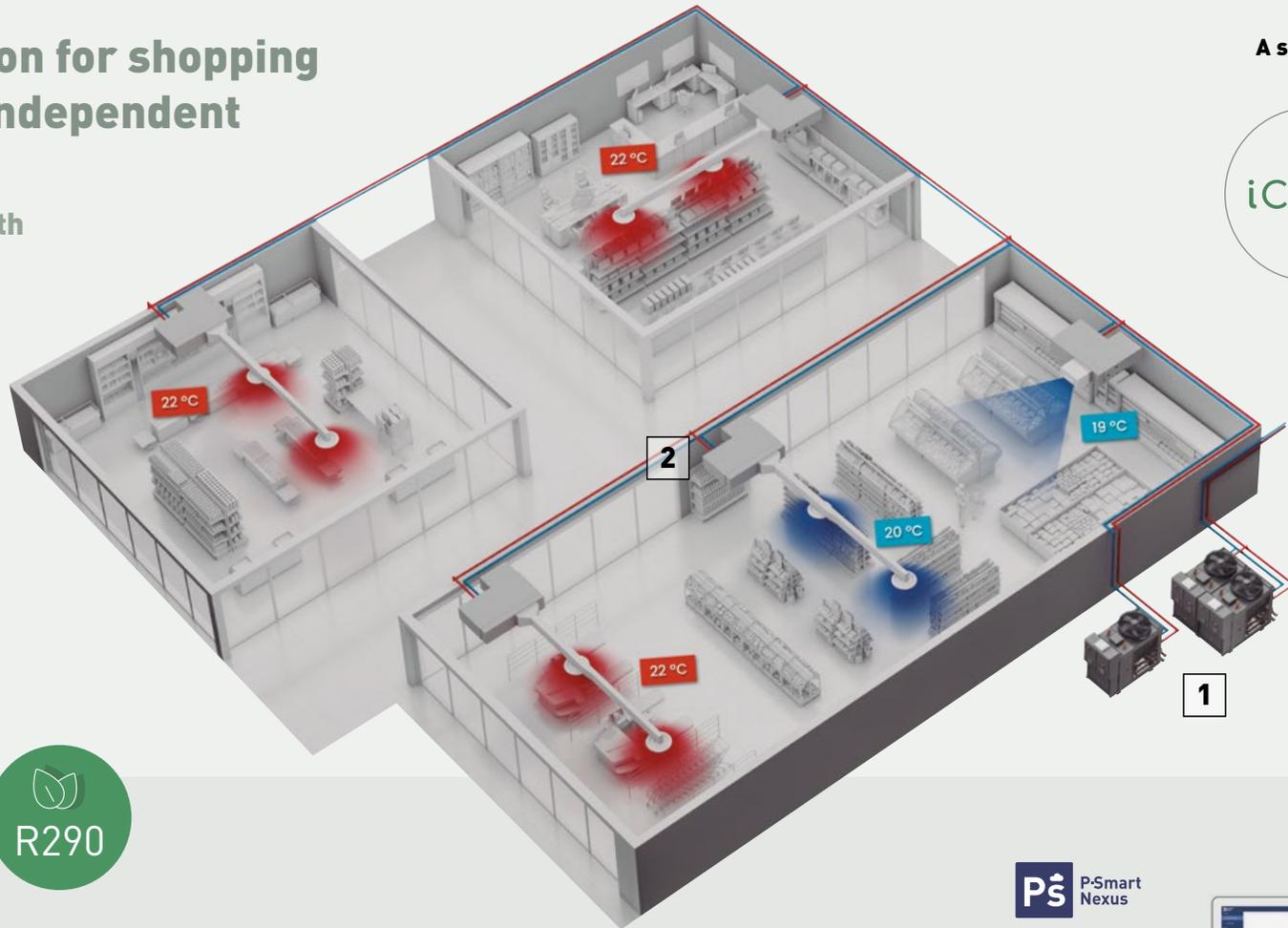
Bringing nature's balance indoors.
Panasonic's patented nanoe™ X
keeps your store cleaner
and more comfortable.



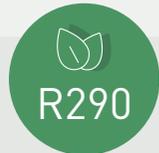
• nanoeX

The ideal solution for shopping malls needing independent tenant billing

Large shopping mall with central water loop.



A sustainable, reliable way to cool your food showcases.



1 | High efficiency modular chiller ECOi-W AQUA-G EVO Series.

- Inverter operation for year-round efficiency
- Optimised heating in low-ambient conditions
- Boost capacity up to 880 kW

2 | Simultaneous heating and cooling for multi-tenant buildings ECOi-LOOP water source heat pumps.

- Inverter-driven decentralised loop
- Heating and cooling delivered simultaneously
- Suitable for multi-tenanted retail and mixed-use sites

3 | Advanced central control for multiple shops Commercial Smart Edge.

- Monitor multiple sites 24/7/365
- Centralised control for all systems
- Web and mobile access



Case studies



620 m² cooperative supermarket

Paris, France

ECOi (VRF), iCO2RE (Refrigeration)

- ECOi heating and cooling for the entire 620 m² store
- CO₂ refrigeration for three cold rooms and fresh-food storage



Mercat d'autors supermarket

Barcelona, Spain

ECOi (VRF), nanoe™ X

- ECOi heating and cooling for the fresh-food retail space
- 360° wide-air flow cassette and ducted units with nanoe™ X ensuring comfort across all store areas



Nolan's Supermarket

Dublin, Ireland

PACi NX (PAC), iCO2RE (Refrigeration)

- CO₂ refrigeration for cold rooms and multiple satellite fridges
- 360° wide air flow cassette with nanoe™ X for a cleaner in-store environment



High-end cosmetic retailer

London & Milton Keynes, United Kingdom

ECOi (VRF), nanoe™ X

- ECOi heating and cooling for two large stores (24.000 and 30.000 sq ft)
- Cassette, ducted units and ERV with nanoe™ X for clean, even in-store comfort



Weinbuch Butcher's shop

Öpfingen, Deutschland

PACi NX (PAC), ECOi (VRF), nanoe™ X, iCO2RE (Refrigeration)

- Heating and cooling for the bistro with 360° wide-air flow cassette units
- CO₂ refrigeration for ten cold rooms in production and storage areas



IKEA Click & Collect

Birmingham, UK

ECOi (VRF)

- ECOi and 360° wide-air flow cassettes for offices and collection zones
- ECO G heating and cooling for the main retail area

Panasonic heating and cooling systems deliver customised, project-specific solutions for retail applications



**COMPLETE HVAC&R
SOLUTION PROVIDER**



**PROVIDE RELIABLE SOLUTIONS
WITH HIGH QUALITY STANDARD**



**GO GREEN RETAIL:
LOW CO₂ EMISSIONS**



**DELIVER BEST COMFORT AND
EXCEPTIONAL EFFICIENCY**



**FLEXIBLE DESIGN AND
INSTALLATION FOR MOST
CHALLENGING CONDITIONS**



**FUTURE BUSINESS EXPANSION IN
MIND: WIDE DISTRIBUTION AND
SERVICE NETWORK IN EUROPE**



**YOUR BEST PARTNER: CUSTOMER TRAINING
CENTRES ALL OVER EUROPE, SERVICE
COVERAGE, PRO-PARTNERS, TRAINING**

Panasonic®

To find out how Panasonic cares for you,
log on to: www.aircon.panasonic.eu

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