



 **ARISTON**
The home of sustainable comfort



The right choice
for sustainable
comfort

Nimbus NET R32
Air/Water
Heat-Pumps

Ariston's most advanced heat pump range combining **top performance** with **maximum flexibility**.

Thermal comfort is facing several challenges. That's why Ariston, by listening closely to the needs of installers and building professionals, is committed to delivering state-of-the-art solutions that can provide the highest possible level of comfort and convenience to everyone, now and in the future.

The new Nimbus NET R32 is available in a large choice of configurations and sizes to meet the diverse needs of your customers. It also offers maximum flexibility in creating an integrated system, making it the right choice for your projects.

This new heat pump is a cutting-edge solution for heating, cooling and domestic hot water with high efficiency and low environmental footprint.

Its design is the result of thorough consultation with professionals and is characterised by a number of innovative features that will make installation, set-up and maintenance easier than ever.

And for extra peace of mind and more efficient operation, its built-in connectivity allows you to check and take care of systems installed at your customers' homes from anywhere via the Ariston NET PRO remote diagnosis platform.



Heat pump technology - the future of home comfort

Heat pumps

What are they?

Heat pumps use the same technology as the everyday fridge-freezer, only reversed! This technology plays a considerable role in reaching our collective goal of reducing demand for fossil fuels and cutting greenhouse gas emissions. Heat pumps operate on a refrigerant cycle which enables the collection of heat to be efficiently transferred into a heating or hot water system.

Heat pumps

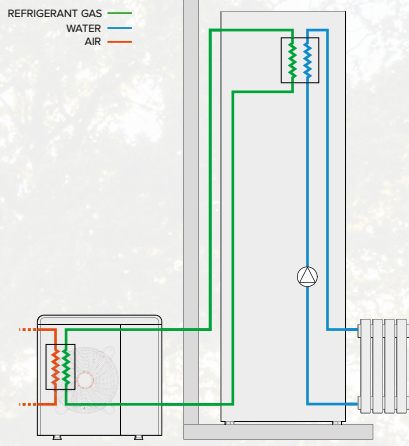
Air Source vs. Ground Source

The most common types of heat pumps are air-source, as opposed to ground-source. In air-source heat pumps, heat is extracted from the outside air and is used to provide heat for radiators, underfloor heating or a domestic hot water tank. Air source heat pumps are easy to install compared to their ground source counterparts. All Ariston heat pumps are air-source systems and can efficiently extract heat from air as cold as -20°C.

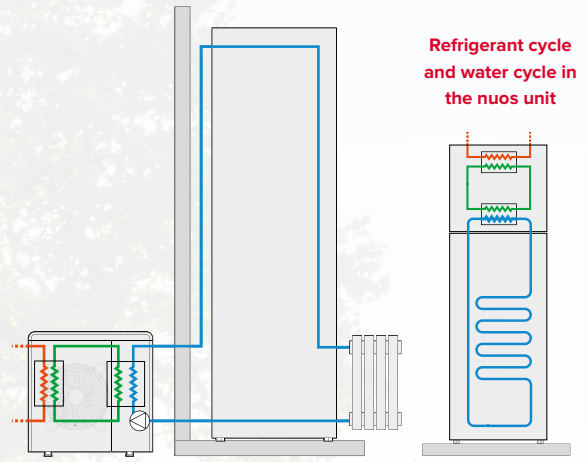
Heat pumps

Monobloc & Split

The way refrigerant cycles through a heat pump determines whether it is a monobloc or split system. But what do these terms mean? The heat pump is a monobloc system if the refrigerant is self-contained within the unit. A split system means the refrigerant is piped out of the unit and into a home to complete the cycle. Both monobloc and split systems have their benefits, but their selection depends on the application.



Split



Monobloc



What does it mean

The refrigeration circulates between the external unit and the internal unit

The refrigeration circuit remains isolated in one unit and water circulates



Technology benefit

No danger of water freezing outside the property as it never goes outdoors

No danger of refrigerant leaks inside the property and no F-Gas qualifications required



Installation

Less evident pressure drops

Models available with 2 standard integrated zones

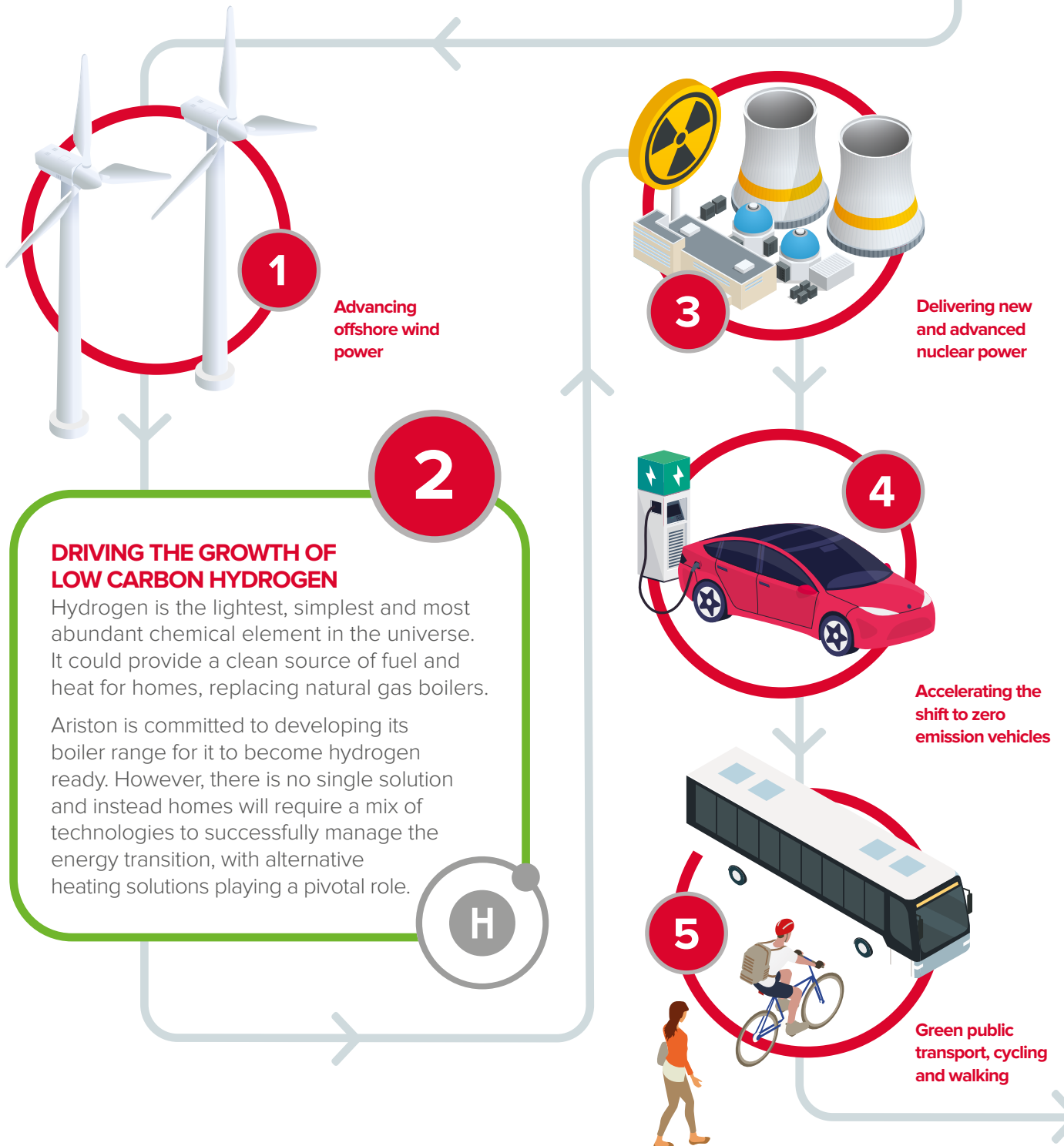
More flexibility in siting of appliances

Compact and more simple installation

Renewables paving the road to Net Zero

The UK government has a Ten Point Plan to protect future generations from climate change by laying the foundations for a Green Industrial Revolution to achieve net zero emissions by 2050.

Sustainability is at the heart of everything we do at Ariston, and we fully support and participate in the drive towards renewable energy.



7

GREENER BUILDINGS

Making buildings more energy efficient and moving away from traditional heating technology is a key strategy of the Ten Point Plan. The aim is to make people’s homes warm and comfortable, whilst keeping bills low. Part of this plan includes an aim to have 600,000 heat pumps installed every year by 2028, with incentives to feed the growth of renewable energy.

As Ariston is a global leader in renewable energy, it is incredibly well-placed to offer the latest in heat pump technology for homes both on and off the gas grid.

In addition, Ariston is committed to driving up the energy efficiencies of our existing heating technology, ensuring all of our customers benefit from the highest level of comfort while protecting the environment.

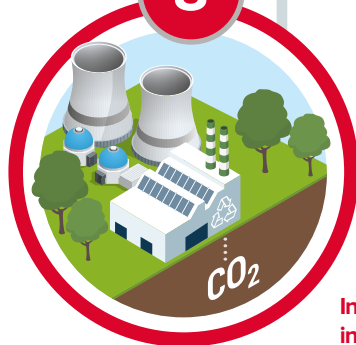


6



Jet zero & green ships

8



Investing in carbon capture, usage and storage

9



Protecting our natural environment

10



Green finance & innovation

GREEN INCENTIVES

Schemes such as the Renewable Heat Incentive (RHI) are available in the UK to financially incentivise homeowners who choose to heat their homes using renewable technology. A common requirement of such schemes is to have any heat pump technology installed by a Microgeneration Certification Scheme (MCS) approved engineer, which guarantees the quality of the installation and provides eligibility for funding.

As incentives are regularly updated, Ariston works closely with government bodies to ensure our comfort solutions are always compatible with the latest requirements.

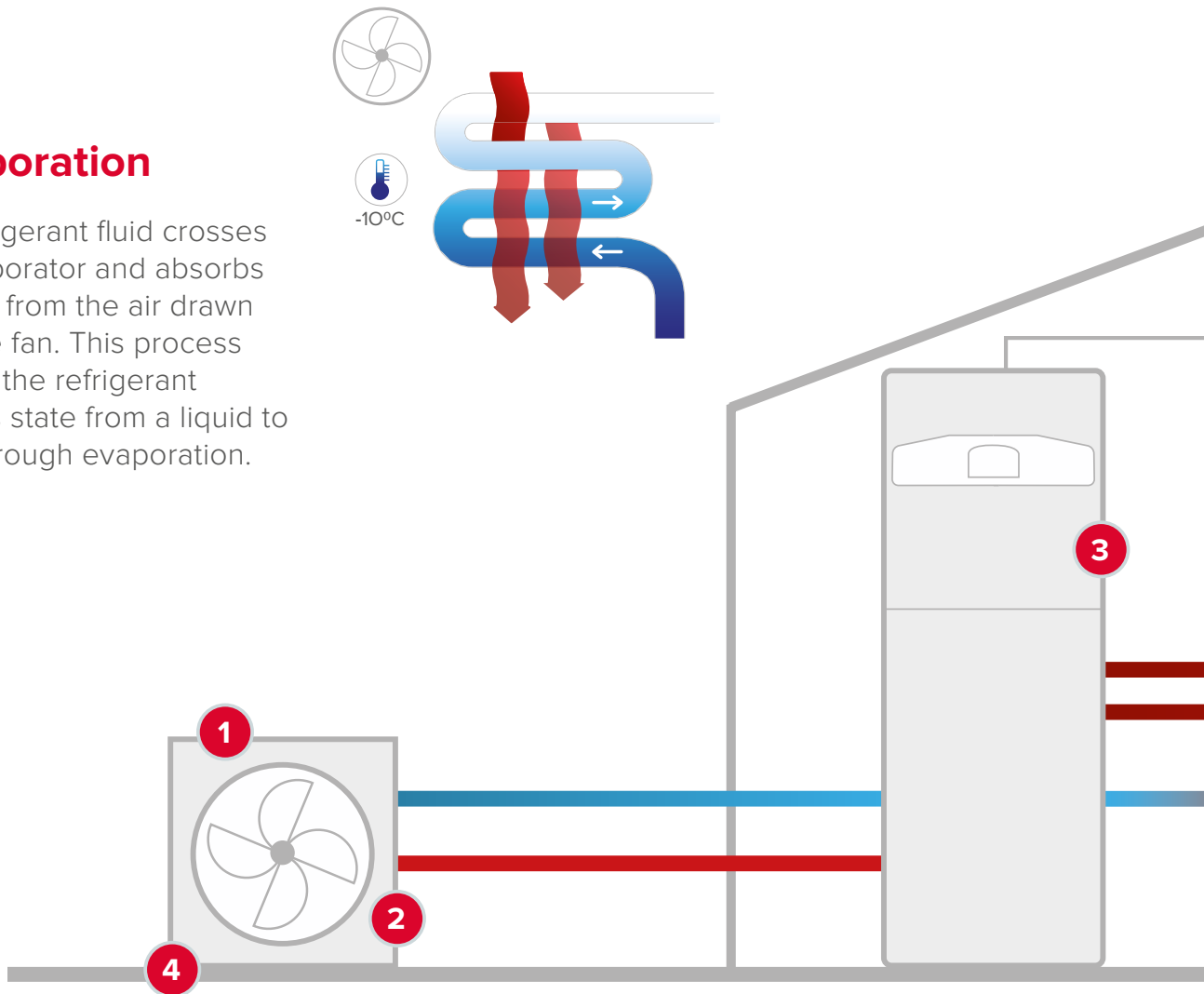
How does a heat pump work?

Heat pump technology is powered by refrigerant — a compound typically found in a fluid or gaseous state. A refrigerant works by absorbing heat from the environment, and within the refrigerant circuit it uses components such as condensers, compressors, and evaporators to produce heat. The heat pump is a closed circuit in which a refrigerant flows.

For the heating it works in 4 steps:

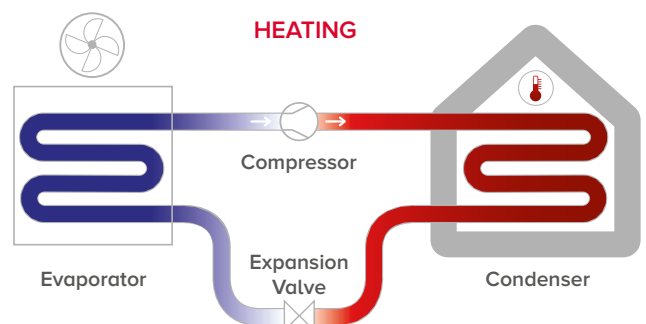
1. Evaporation

/ The refrigerant fluid crosses the evaporator and absorbs the heat from the air drawn in by the fan. This process ensures the refrigerant changes state from a liquid to a gas through evaporation.



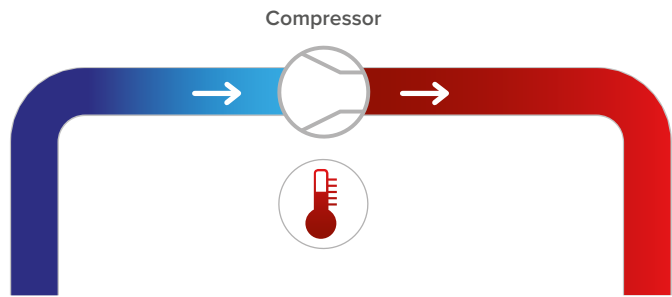
4. Expansion

/ The refrigerant fluid loses further pressure and temperature by passing through the expansion valve, causing it to completely return to its original state.



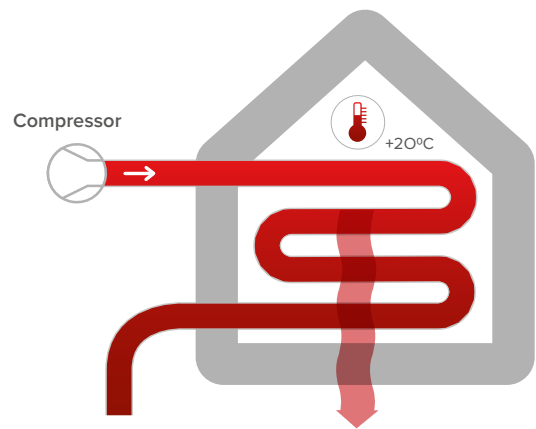
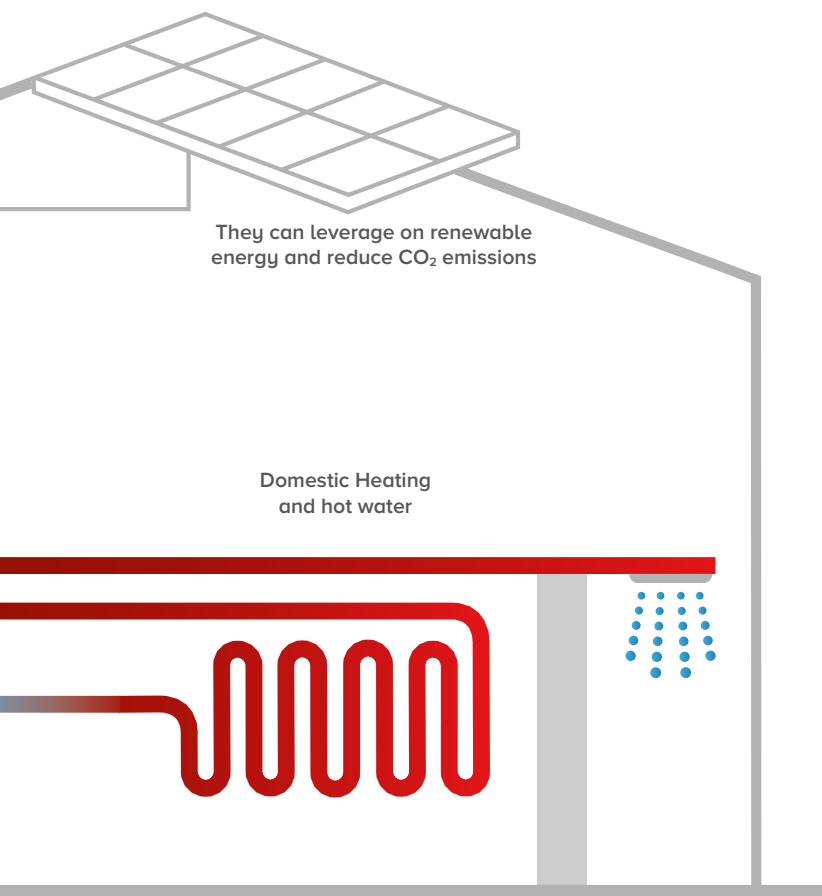
2. Compression

/ The compressor pressurises the refrigerant gas, which causes it to increase in temperature through evaporation.

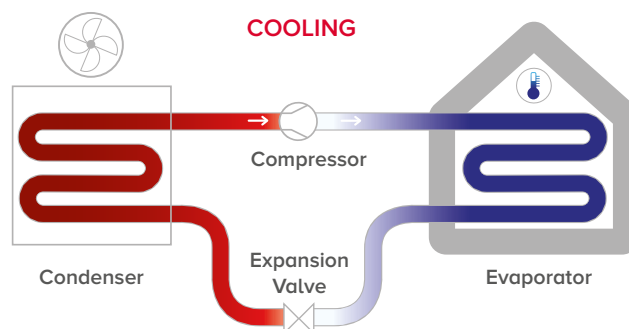


3. Condensation

/ From the condenser, the refrigerant gas transfers its heat to the water, which circulates into the home. This exchange process causes the refrigerant to cool down as it transfers the heat and forces it to return to a partial liquid state.



/ For the cooling process, the refrigerant follows the cycle in reverse, taking heat from the building and giving it back to the environment.



Heat pump technology

The importance of **Refrigerant Gases**

Heat pump technology is powered by refrigerant — a compound typically found in a fluid or gaseous state. A refrigerant works by absorbing heat from the environment, and within the refrigerant circuit it uses components such as condensers, compressors, and evaporators to produce heat.

Refrigerant types are classed based on their efficiency and environmental impact. Ariston's Nimbus heating heat pumps (see page 20) use the highly efficient R32 refrigerant with a global warming potential that is a third lower than other commonly used refrigerants like R410. R32 also has an ozone depletion potential of zero, which makes it one of the greenest refrigerant gases available to date.



R32

Refrigerant

70%

Lower GWP
(Global Warming Potential)

Zero ozone

Depletion
potential

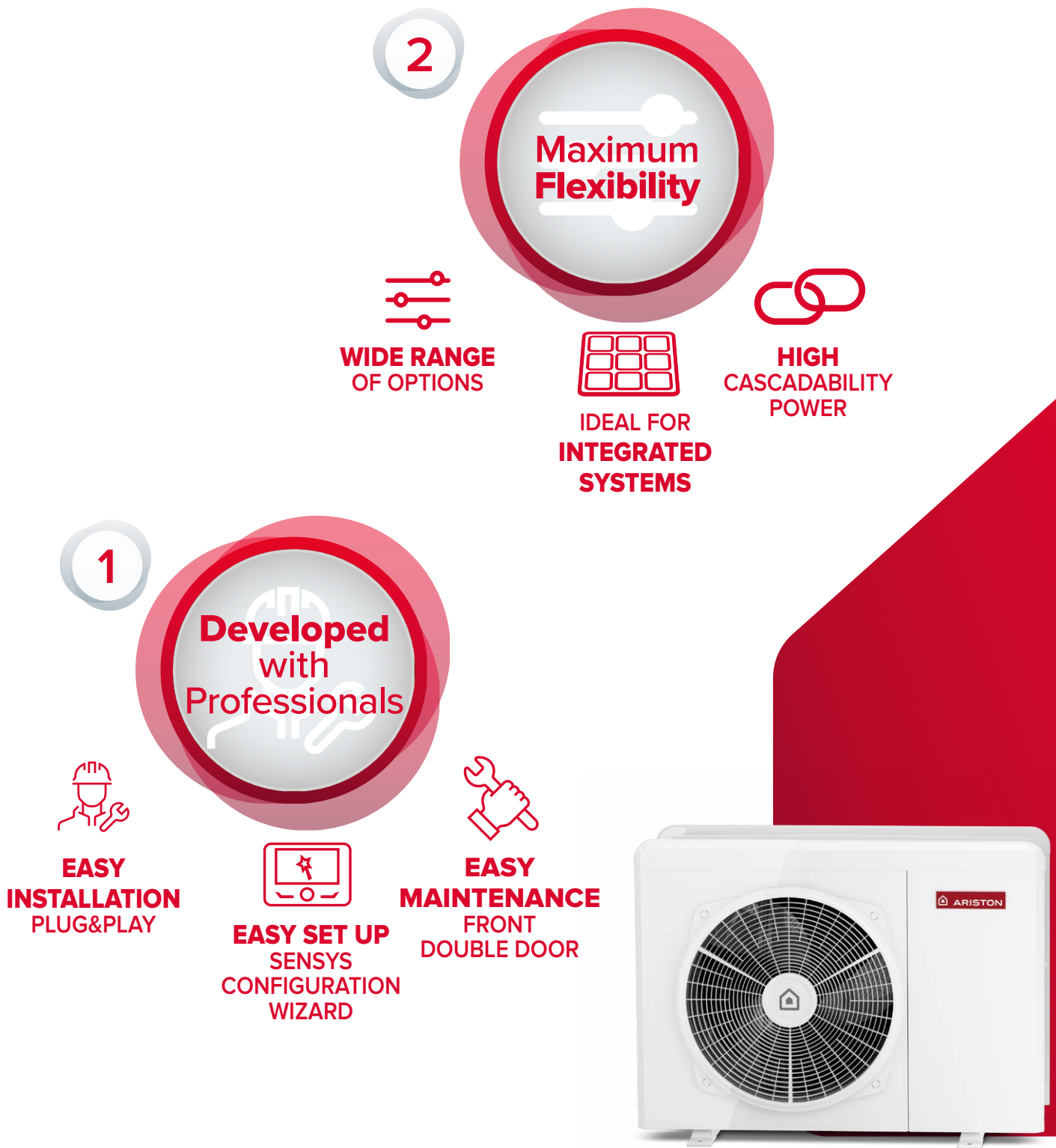


Easy to
recycle

Ariston is committed to using the most effective refrigerants for its renewable products, while balancing overall performance and practicality. For this reason, our Nuos Plus Wi-Fi utilises R134A refrigerant, while our new Nimbus heat pumps will utilise the next-generation R32.



Why choose Nimbus NET R32?



BIM OBJECTS ON [bimobject](https://www.bimobject.com)

Building Information Modelling (BIM) is the foundation of digital transformation in building design. New BIM objects in Revit format are already available for Nimbus Net heat pumps. Download the objects free at www.bimobject.com

3

Excellent Reliability



QUIET OPERATION
IN EVERY
CONDITION



OPTIMUM PERFORMANCE
IN COLDER
CLIMATES



100% ARISTON
QUALITY



4

Sustainable Performance

A+++

ERP ENERGY CLASS



COP UP TO 5.1

R32

POWERED BY R32 REFRIGERANT

5

On-board Connectivity



ARISTON NET PRO REMOTE ASSISTANCE

1 Developed with Professionals Simplify your job

Designed in consultation with professionals to make each step of your job easier than ever before.

Easy installation

/ Newly-designed indoor unit with components already included in the casing for streamlined operations.

1. New hermetic thermal shell

- / Prevents condensation during cooling.
- / Improves sound insulation of the internal unit.
- / Improves thermal insulation.

2. New expansion vessel

- / Bigger expansion vessel for improved system safety.

3. New on-board magnetic filter

- / Improves system safety and durability.

New accessories

/ New accessories to be fully integrated inside the floor standing unit for seamless installation and reduced work on the heating circuit.

4. 2kW heating element for DHW

- / Allows Cooling and DHW production simultaneously.

5. 8L expansion vessel DHW

- / Space-saving expansion vessel.

/ Pre-wired electrical connections and piping redesigned for simple plug-and-play installation.

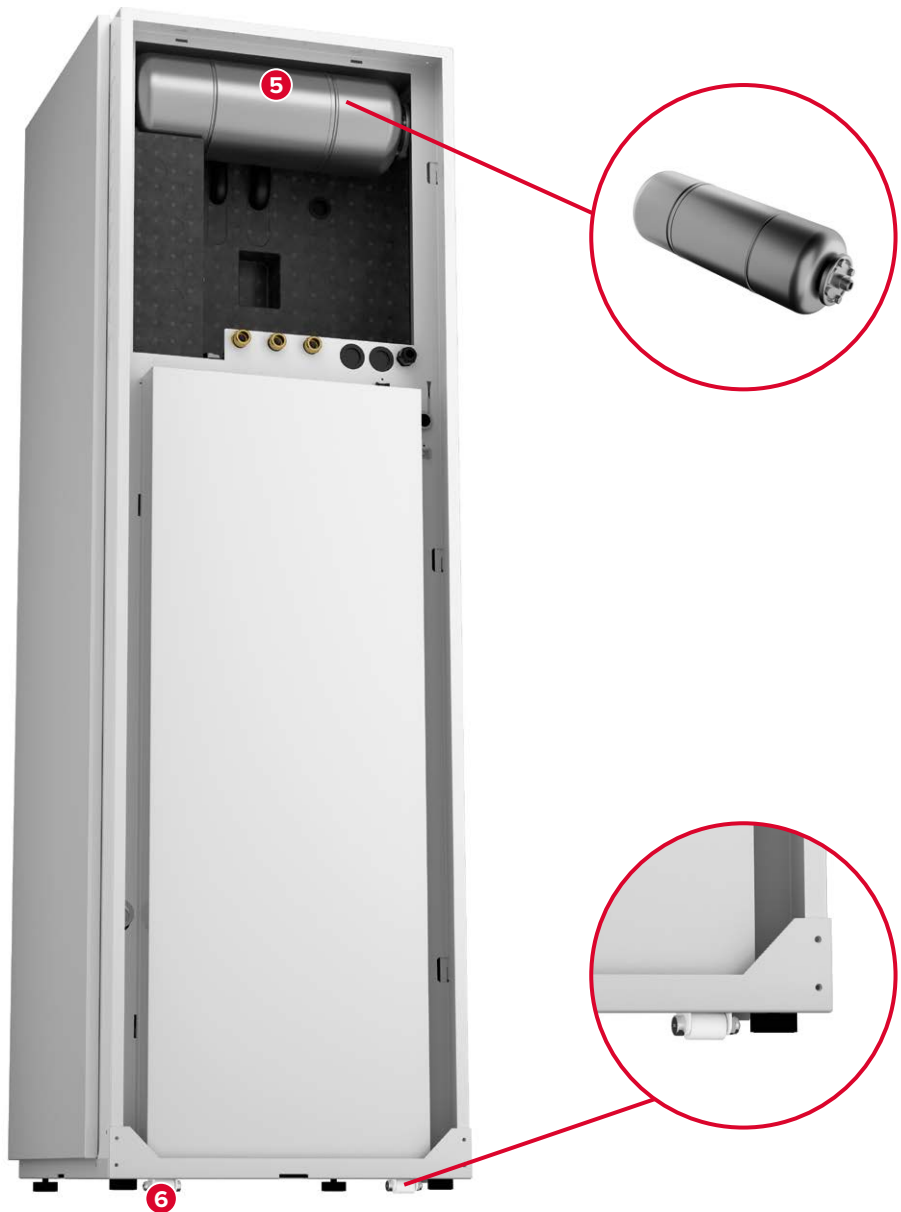
6. New wheels

- / Easy placement of Floor Standing Unit.



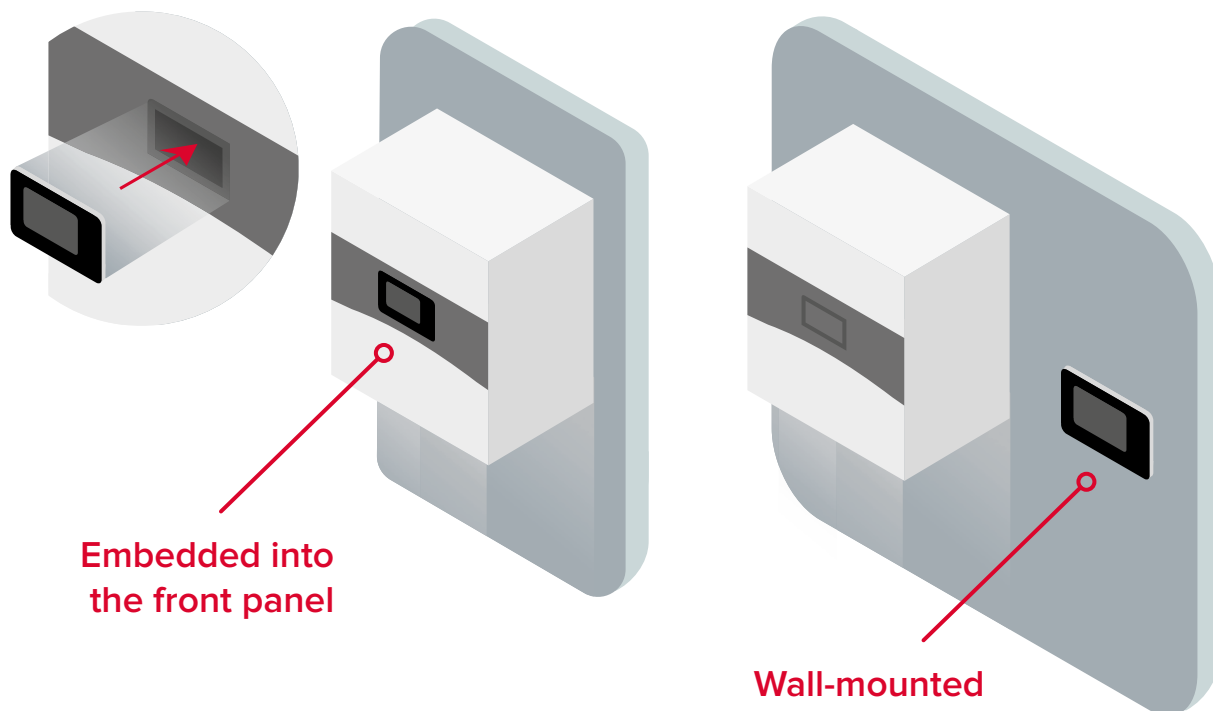
Products may vary from the above images due to UK regulation. Images are for illustration purposes only.

/ A single highly flexible connection kit for multiple installation positions: top, left & right.



Easy set up

/ Sensys NET HD can be optionally embedded into the front of the indoor unit or mounted on a wall.



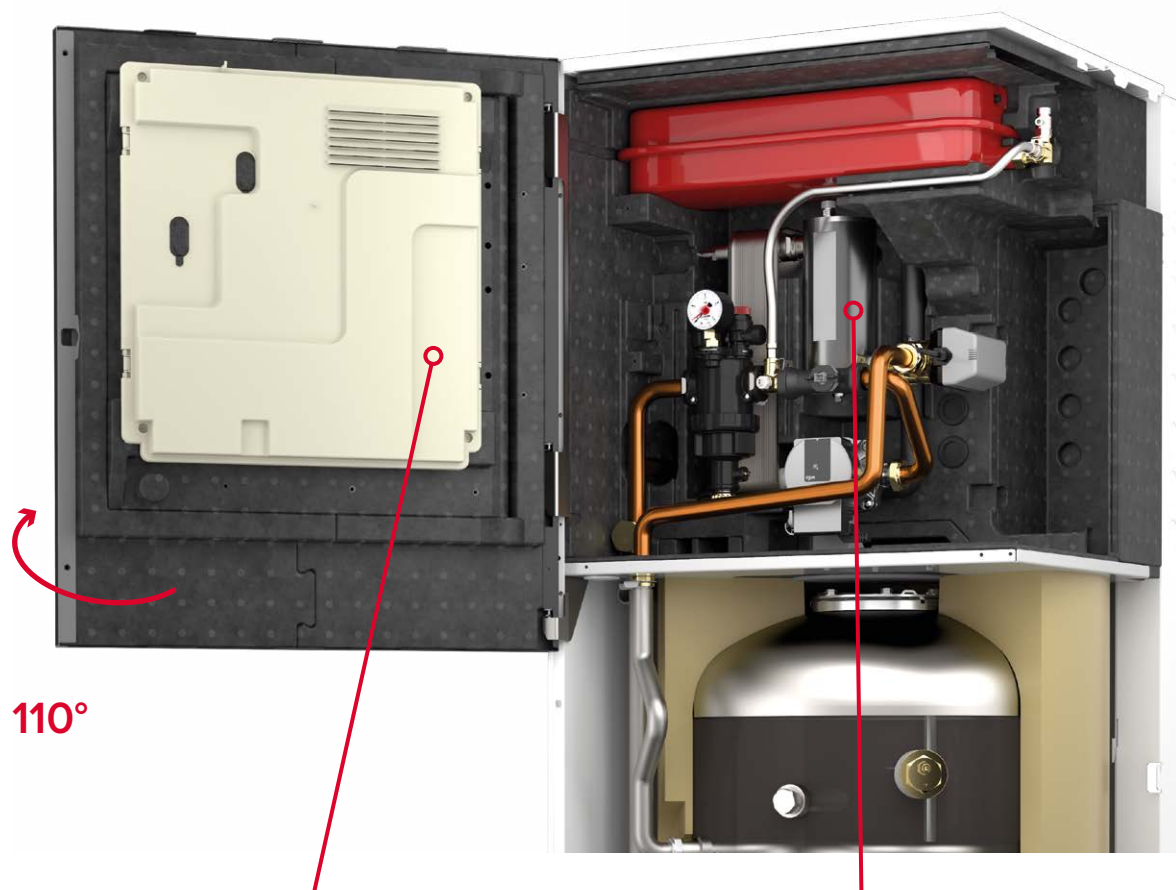
/ Sensys NET HD offers Sensys Configuration Wizard, a smart and user-friendly feature that makes system set-up a simple and straightforward process.



Easy maintenance

- / Front double doors for direct and easy access to all electrical wirings and internal components.
- / A more spacious and installer-friendly layout of the indoor unit.
- / Sensys NET HD provides on-screen notifications and clear information to streamline maintenance.

Front
double doors
for easier access



110°

Easy access to all
electrical wirings and
components

A more spacious
and installer-
friendly layout

2 Maximum Flexibility Endless choices

The new heat pump range offers a variety of configurations. These can satisfy the most diverse system requirements, when used as a single-component or as part of an integrated system.



Nimbus Compact NET R32
Monobloc



HEATING COOLING HOT WATER



Nimbus Plus NET R32
Split & Monobloc



HEATING COOLING



Nimbus Pocket M NET R32
Monobloc



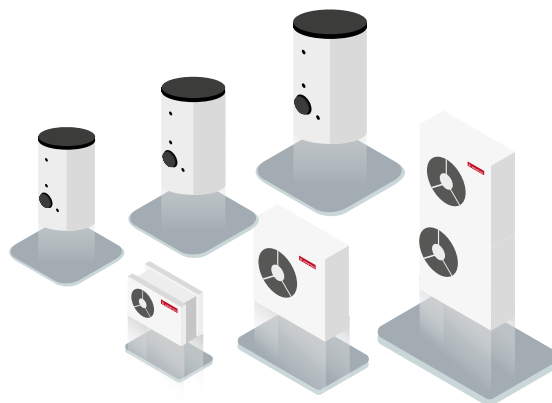
DHW PRE-PLUMBED CYLINDER

coming soon



OUTDOOR UNIT

available in different sizes:
35, 50, 80, 120 and 150



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Ready for any installation conditions and high heat load demands

Nimbus NET R32 is available in a range of outputs from 3.5kW to 15kW and up to 75kW as a cascaded system, making it an excellent option for single family homes, apartment buildings and light commercial applications.

The new Energy Manager 2.0 allows up to 5 outdoor units to be linked together in a cascaded system.



Single family houses
or terraced houses

Single outdoor unit
3.5 - 15kW*



Apartment buildings
with a central heating system



Light commercial
offices, gyms
and department stores

Cascade system
Up to 75kW*



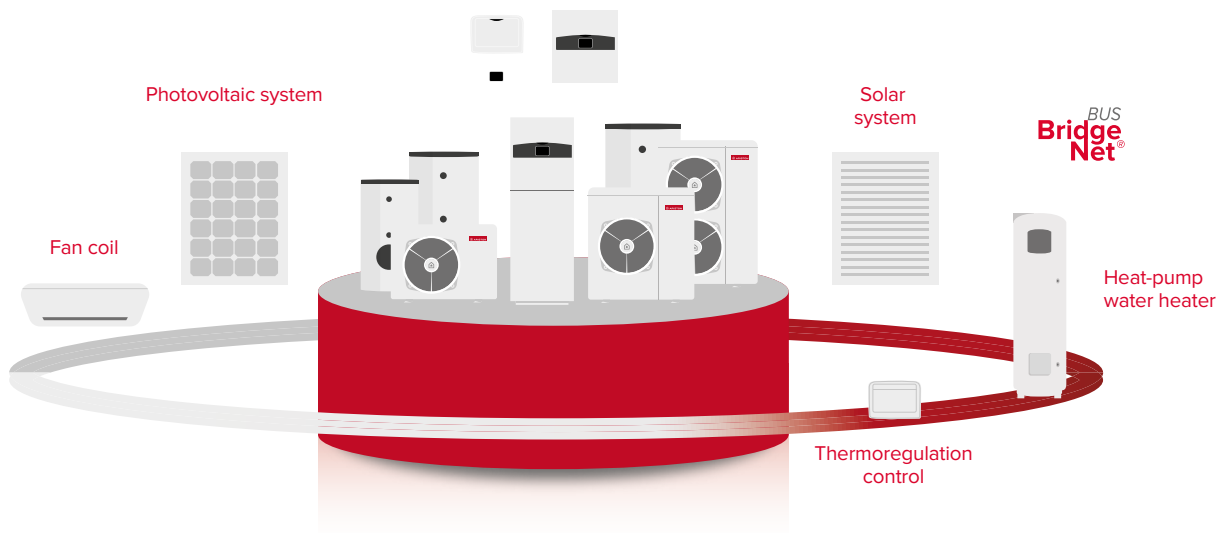
Cascadability options
2 to 5 units



*Nominal powers.

Ready to fit in an integrated system

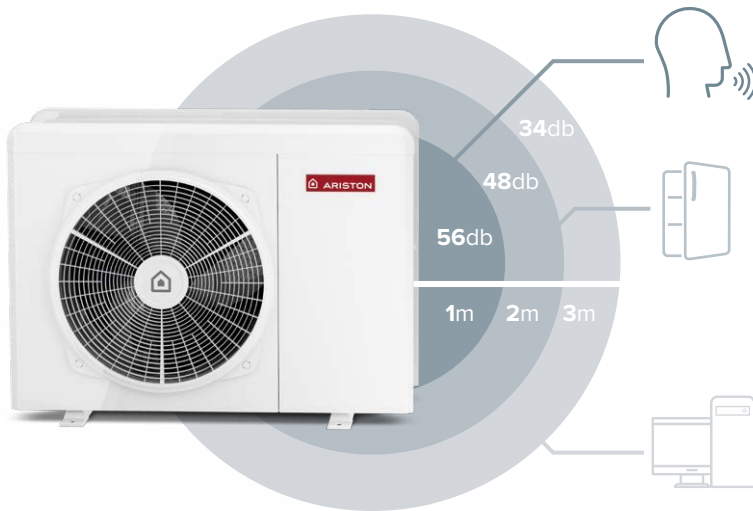
Nimbus NET R32 can also be cleverly coupled with multiple types of external management systems. Intelligent communication between all system components is enabled by the Energy Manager 2.0, which now features enhanced electronic control and more advanced functionalities, all via Ariston's patented communication protocol BUS BridgeNet®.



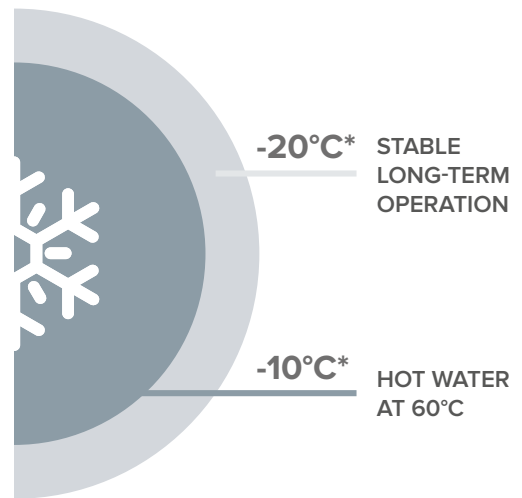
3 Excellent Reliability Enhanced quality

The new Nimbus NET R32 boasts state-of-the-art technology and features, which are designed to guarantee consistently high performance, reliability and long term peace of mind, even in extreme weather conditions.

QUIET OPERATION IN EVERY CONDITION

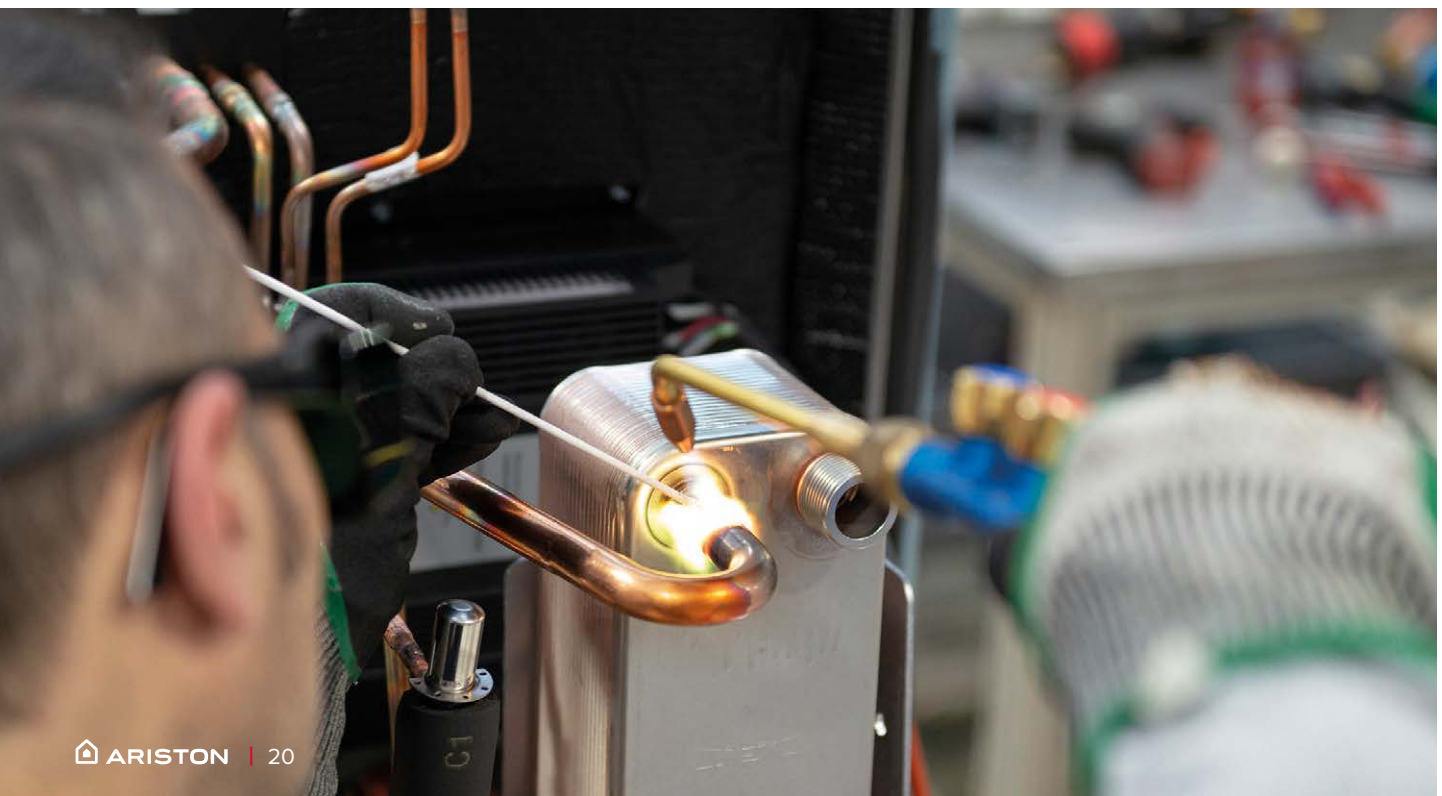


EXCEPTIONAL PERFORMANCE IN COLDER CLIMATES



Within **1m** = **56 dB** – similar to the sound of normal conversation
Within **2m** = **48 dB** – similar to the sound level of a refrigerator
Within **3m** = **34 dB** – similar to a computer hum

* Outdoor temperature.





Reliability
begins at **our**
production sites

The Ariston quality inside and out

Ariston is the global specialist in thermal comfort with unique expertise and cutting-edge innovation in heating and water heating products.

By constantly exploring innovative ways to upgrade its offering as well as enhance system and product engineering, Ariston strives to deliver the highest standards of quality and ensure maximum comfort to anyone - for professionals and end users alike.



World Class Manufacturing

In Ariston's world-class production hubs, excellence in industrial manufacturing is pursued through constant updates and improvements of processes, always focusing on product quality, the environment and safety.



100% made by Ariston

All system components and software are developed in-house by Ariston experts to ensure long-lasting performance, high-efficiency and extended product life.



100% automatically checked and tested

Before leaving the plant, Nimbus NET R32 undergoes a fully automated quality, safety and efficiency testing process with instantaneous and unlimited tracking capability.

4 Sustainable Performance

A more energy-conscious home

A total solution for heating, cooling and water heating with best-in-class energy performance and reduced environmental impact.

Top-class efficiency:



ERP RATING



Powered by future-proof solutions:

R32 refrigerant

Nimbus NET R32 heat pump systems use R32 refrigerant, which already complies with the Regulation (EU) No 517/2014. Sustainable, economic and efficient, R32 is a high-performance refrigerant that is not only good for the environment but for your work too.

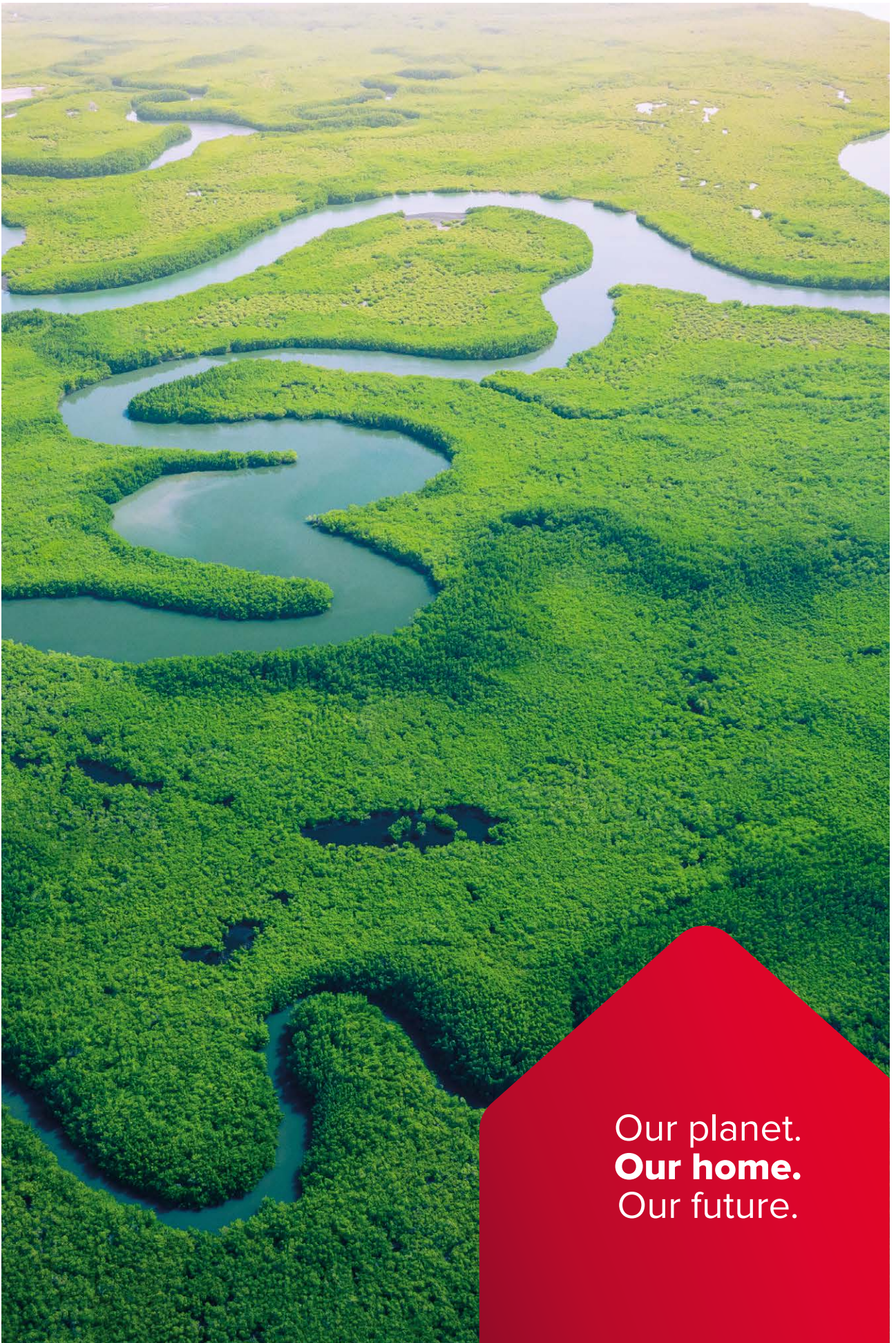


/ Is more eco-friendly: its Global Warming Potential (GWP) is two-thirds less than R410A.

/ Is always readily available.

Newly-designed parts and components

The redesigned piping system, heat exchanger and internal components enable the heat pump to use less refrigerant while delivering optimal thermoregulation performance.



Our planet.
Our home.
Our future.

5 On-board Connectivity Stay close to your customers

With Nimbus NET R32, your customers can enjoy all the benefits of continuous remote assistance*. Indeed, you can monitor all your registered Nimbus NET R32 systems and optimise their settings directly from the office using Ariston Net PRO, the remote diagnosis platform from Ariston.

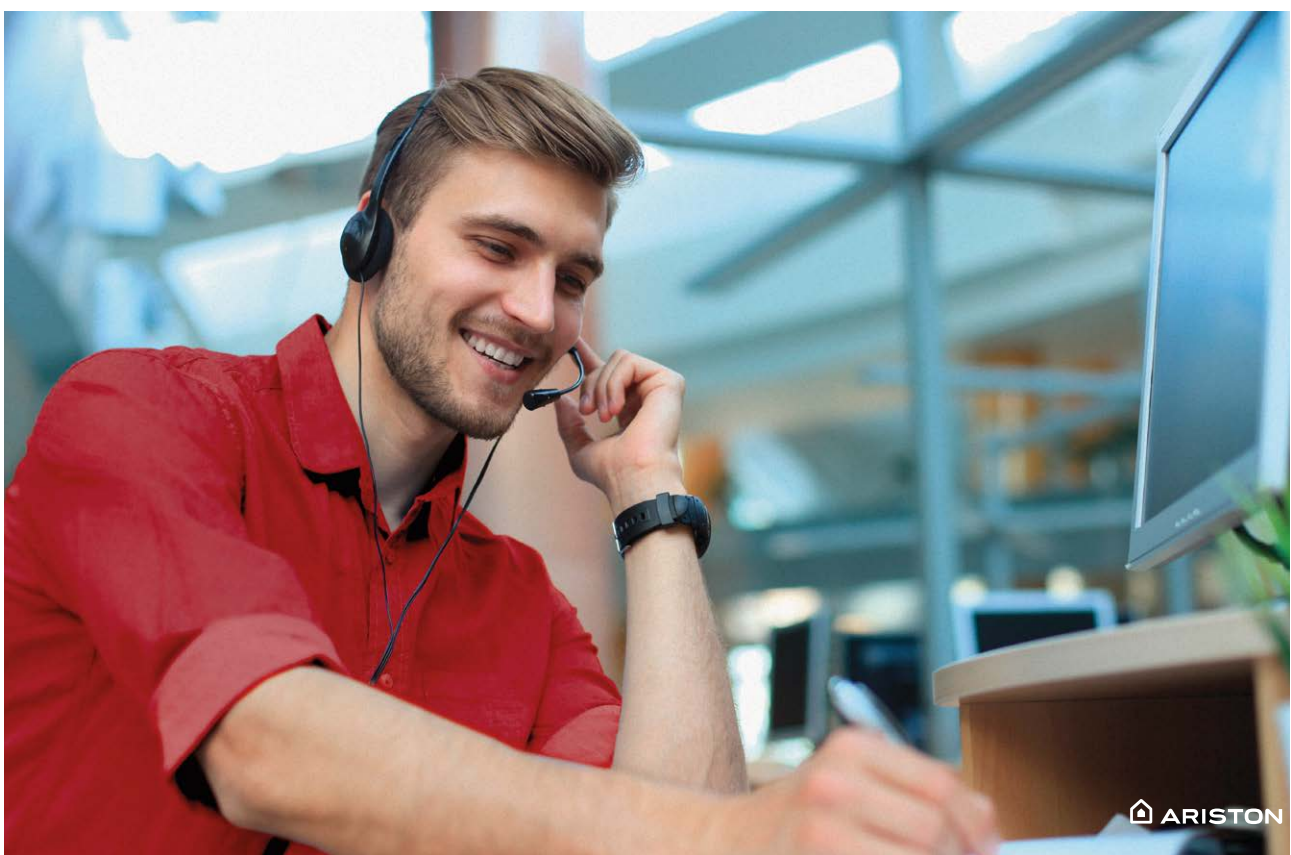
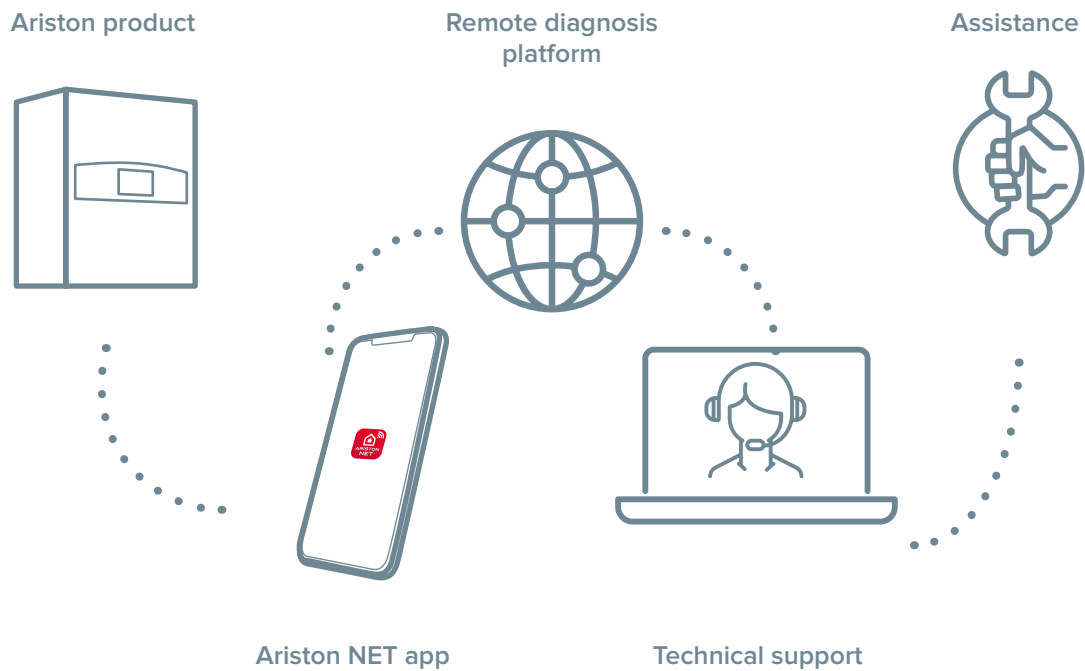
*The remote assistance service is subject to the contractual terms between Service Centre and End User.



Improve your
**operational
efficiency**

The main advantages of Ariston NET PRO

- / Monitor and control systems installed at your customers' homes directly from the office.
- / Receive a real time notification if something goes wrong and solve the problem immediately.
- / Unlock errors remotely or identify the necessary spare parts in advance, reducing the need for first and second visits.
- / Improve both scheduling of maintenance activities and spare parts management.



Nimbus Compact NET R32

Monobloc

The perfect fit for a single-family house or apartment with limited space.



-  ARISTON NET
-  ENERGY EFFICIENT
-  HOT WATER
-  HEATING COOLING
-  SUPER SILENT
-  **BUS Bridge Net**
SYSTEM MANAGEMENT
-  SYSTEM INTEGRATION
-  PHOTOVOLTAIC SYSTEM INTEGRATION



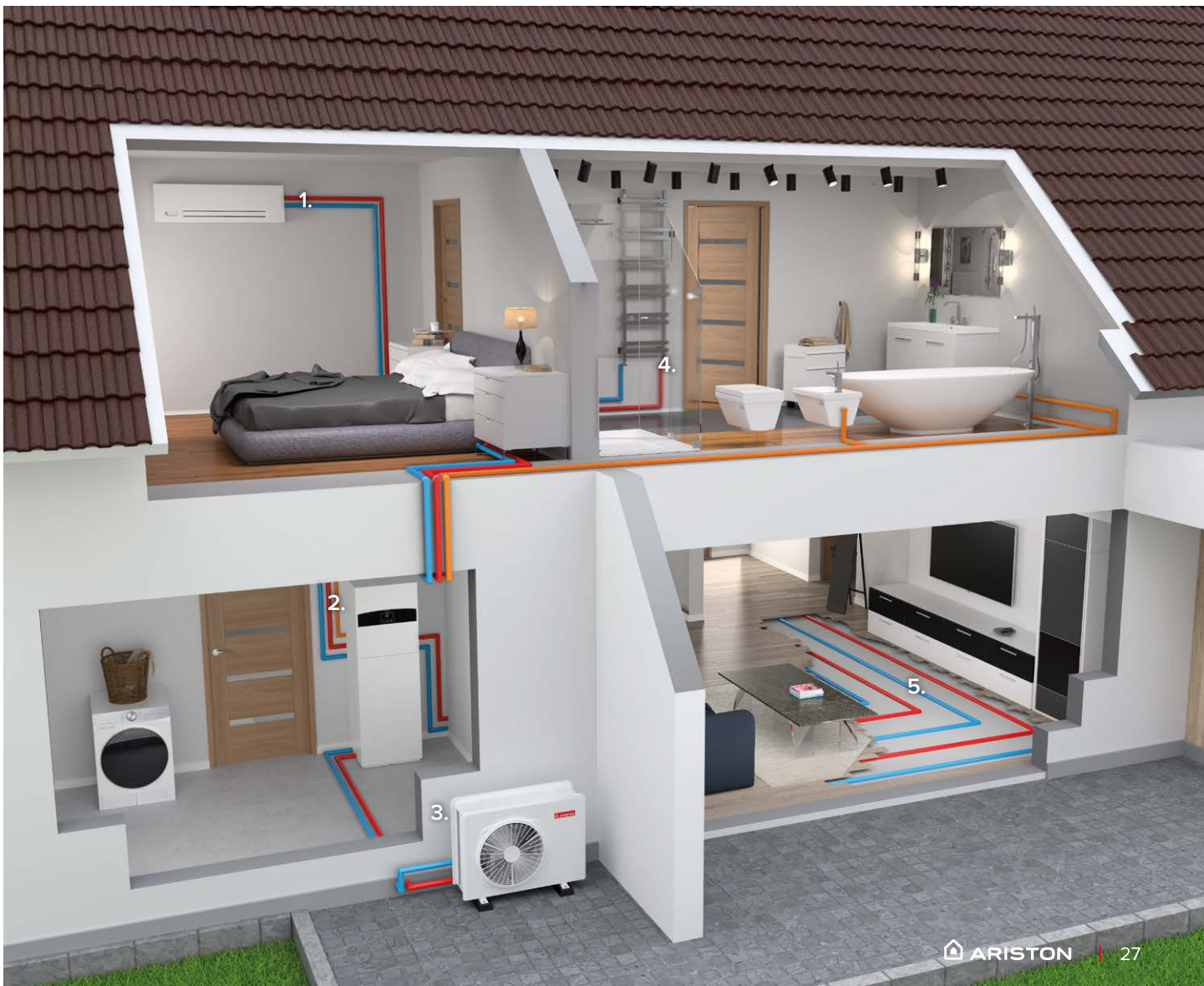
Sensys NET HD included
Can be optionally embedded into the front panel of the indoor unit or mounted on a wall.

Products may vary from the above images due to UK regulation. Images are for illustration purposes only.
* Terms and conditions apply. Please go to www.ariston.com/en-uk for more information

- / Inverter air/water heat pump for heating, cooling and domestic hot water.
- / Extremely high-efficiency even in cold climates, with additional heating elements that can be activated individually from 2kW+2kW (mod. 40-50-70) and 2kW+2kW+2kW (mod. 90-110) for guaranteed comfort in any conditions.
- / Ariston NET connectivity included as standard.
- / Sensys NET HD system controller and external heat regulation sensor included as standard.
- / Ultra-compact indoor unit (600x600) with integrated 180L cylinder featuring enlarged coil and 12L expansion vessel as standard.
- / **INSTALL RECOMMENDED:** Add Anti-Freeze Kit (3319687) and Drain Pan (3024383)
Talk to your local Ariston Representative about further specific accessories dependent on the type of installation.

- 1 / Fan coil
- 2 / Floor Standing unit
- 3 / Outdoor unit

- 4 / Radiator
- 5 / Underfloor heating



Nimbus Plus NET R32

Split & monobloc

Offers a heating and cooling solution with a wall-hung module fully integrated into another main system alongside built-in safety components.



UP TO
10
YEARS
WARRANTY

MCS
CERTIFIED

UK
CA



Ariston NET



ENERGY
EFFICIENT



HEATING
COOLING



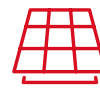
SUPER SILENT

BUS
Bridge
Net®

SYSTEM
MANAGEMENT



SYSTEM
INTEGRATION



PHOTOVOLTAIC
SYSTEM INTEGRATION



Sensys NET HD included

Can be optionally embedded into the front panel of the indoor unit or mounted on a wall.

* Terms and conditions apply. Please go to www.ariston.com/en-uk for more information

- / Inverter air/water heat pump for space heating and cooling.
- / Extremely high-efficiency even in cold climates, with additional heating elements that can be activated individually from 2kW+2kW (mod. 40-50-70) and 2kW+2kW+2kW (mod. 90-110) for guaranteed comfort in any conditions.
- / Ariston NET connectivity included as standard.
- / Sensys NET HD system controller and external heat regulation sensor included as standard.
- / Can be combined with external DHW cylinder.
- / 12L expansion vessel as standard.
- / **INSTALL RECOMMENDED:** Add Anti-Freeze Kit (3319687) and Drain Pan (3024383)
Talk to your local Ariston Representative about further specific accessories dependent on the type of installation.

- 1 / Heat pump water heater
- 2 / Wall-hung module
- 3 / Outdoor unit

- 4 / Radiator
- 5 / Underfloor heating



Nimbus Pocket M NET R32

Monobloc

It can be fully installed outdoor (light box unit and outdoor unit) with the possibility to operate in conjunction with other heating products and systems (e.g. heat pump water heater).



UP TO
10
YEARS
WARRANTY*

MCS
CERTIFIED

UK
CA



Ariston NET



ENERGY
EFFICIENT



HEATING
COOLING



SUPER SILENT



SYSTEM
MANAGEMENT



SYSTEM
INTEGRATION



PHOTOVOLTAIC
SYSTEM INTEGRATION



Light box module

Energy manager included for flexible installation options.



Sensys NET HD included

Can be optionally embedded into the front panel of the indoor unit or mounted on a wall.

* Terms and conditions apply. Please go to www.ariston.com/en-uk for more information

- / Inverter monobloc air/water heat pump for space heating and cooling.
- / Extremely high-efficiency even in cold climates.
- / Ariston NET connectivity included as standard.
- / Sensys NET HD system controller and external heat regulation sensor included as standard.
- / Light box unit, that can also be installed outdoor, enables remote positioning of all outdoor unit connections.
- / Plug and Play solution: can be combined with suitable external DHW cylinder.
- / Dedicated buffer storage tank and integrative 2kW heating element that can be purchased as optional accessories.
- / **INSTALL RECOMMENDED:** Add Anti-Freeze Kit (3319687) and Drain Pan (3024383) Filter & Valves Kit (3083059). Talk to your local Ariston Representative about further specific accessories dependent on the type of installation.

- 1 / Light box module
- 2 / Outdoor unit
- 3 / Underfloor heating



Installer support

Ariston Connections & Quick Fix



Ariston Connections app

Quick and easy Ariston product registrations on the go! The Ariston Connections app is a convenient way for installers to register Ariston products. Facilitating the registration process and keeping track of installs, it is the perfect companion on the job.

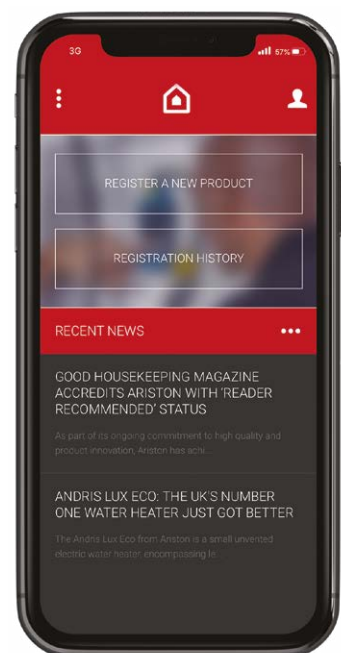
- / Easy creation of an Ariston Connections member account
- / Registration of new products in-app
- / Easy barcode scan for time-efficient product registration
- / Extensive product registration history in-app
- / Latest Ariston news at a glance
- / Easily accessible Ariston contact details
- / App updates to include new features

At Ariston we are dedicated to working with our valued installers, to provide a truly personal service which helps them grow their businesses. We strive to continuously improve our membership program and its offering in order to adapt to our customer needs. That is why we launched the Connections installer partnership scheme. It is open to all Gas Safe registered and/or G3 qualified professionals in order to make product registrations as easy as possible and offer additional membership benefits.

Installers who qualify for Connections Associate status can enjoy a wealth of benefits, including:

- / Connections membership with unique ID number
- / Free Gas Safe Notification
- / Access to Ariston product literature and resources
- / Exclusive access to Ariston's online installer forum

The **Ariston Connections app** is available to download from the Apple app store and the Google Play store. For more information, visit: www.aristonconnections.co.uk





Quick Fix

Your toolkit on the go

Find the correct spare part
with the click of a button



Ariston Quick Fix app

Ariston's Quick Fix app is an interactive tool for technicians that guides them to solutions for the most common Ariston product errors.

In addition, Quick Fix gives online access to product documentation, such as user manuals, exploded views, spare part lists, technical notes, etc. The app can also be used in places where an internet connection is not available or reliable as product searches can be stored locally.

The Ariston Quick Fix app is available to download from the Apple app store and the Google Play store. For more information, visit:

<https://www.ariston.com/en-uk/professionals/quick-fix/>

Please note, access to the **Quick Fix app** is only available to registered Gas Safe installers. To gain access to the app email quickfix@ariston.com to request your login credentials, quoting your connections memberships number.



After-sales service



First class service

Ariston service model is designed to offer efficiency and professionalism to all its customers.



Genuine Ariston spare parts

All Ariston spare parts are built and tested to guarantee the best possible quality and reliability of your Ariston product. Using genuine Ariston spare parts and components is the only way to keep your system at its best, fulfilling legal and warranty requirements.

For any queries regarding spare parts and spares stockists please contact:

Spares department

T: 0333 240 6777 E: sparesdept@ariston.com



Market leading warranty

Ariston is committed to quality and reliability by offering up to 10 years warranty across its Heating Heat Pump range. Customers are able to register their warranties either online (www.aristonconnections.co.uk) or by phone.

We firmly believe in the quality and longevity of our products. Our warranties reflect our belief in their reliability and efficiency. Customers purchasing one of our products can be reassured that not only are they highly efficient, but also built to last.



Maximum peace of mind

Ariston gives you the assurance of long-term product quality and safety. Plus, in case of any potential problem, it ensures that everything will be dealt with quickly and professionally. Our entire range is fully UK certified including:



Projects

The Ariston team is always ready to offer support and assistance to designers and contractors on a range of projects, whatever their size or location.

E: sales.uk@ariston.com

* Terms and conditions apply. Please go to www.ariston.com/en-uk for more information



24/7 customer service

Our specialist support and service provides **a team of highly skilled experts on hand** to offer advice and assistance, wherever you are, whenever you need it. Specialists in our product areas, there will always be a point of contact available to deal with anything from arranging a service, warranty issues or scheduling a visit from an engineer.

With the knowledge an Ariston expert can answer your call within 20 seconds, you can rest assured that you can count on us **24 hours a day, 7 days a week**.

Customer service

T: 0333 240 8777 E: customer.service.uk@ariston.com

Technical support

T: 0333 240 0777 E: techhelpdesk@ariston.com
Monday to Friday 8am-6pm



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HOT WATER | HEATING | RENEWABLES

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