ARISTON

The home of sustainable comfort

DESIGN AWARD 2025



Easy to fit, ready to adapt.

NIMBUS 5

R290 Air Source Heat Pump Range

NIMBUS 5
R290 Air Source Heat Pump Range



The **NIMBUS 5** features a **brand-new design** for the outdoor unit: sleek, modern and built to blend harmoniously with any outdoor space.

Winner of the iF Design Award 2025

DESIGN AWARD 2025

Designed **with professionals, for professionals**: flexible configurations, easy installation, and effortless maintenance

NIMBUS 5 is designed around professionals' expertise, now with **R290 refrigerant** for maximum efficiency and performance.
Developed in close collaboration with professionals, NIMBUS 5 responds to real-world needs with a solution that simplifies every phase of the job.
This monobloc range **simplifies installation and maintenance**, helping professionals save valuable time while offering homeowners efficient, reliable comfort all year round.

Versatile range for different installation needs

Easy installation commissioning and **maintenance**

New compact design - save up to 40% space

UP TO 40%

Smart system integration for multiple heat generators with **BusBridgeNet**

R290
R290 REFRIGERANT

A+++
ENERGY CLASS

PHOTOVOLTAIC SYSTEM INTEGRATION

IDEAL FOR RADIATORS 75° WATER TEMPERATURE

3 NOISE REDUCTION LEVELS

SENSYS HD INCLUDED

INTEGRATED CONNECTITY

ANTI-FREEZE KIT INCLUDED

R290
R290 SAFETY

NIMBUS 5

Why choose the new NIMBUS 5

At Ariston, being a trusted partner means **standing by our customers every day:** listening, supporting and providing **solutions that truly make a difference.** Whether it's helping professionals work more efficiently or ensuring end users enjoy effortless comfort at home, we are committed to **making advanced technologies simple and accessible to all.**

EASY TO



SELECT & PROPOSE

Flexible monobloc range with **multiple configurations** to meet different installation needs.

TRANSPORT

Practical handling solutions for faster and easier transport and positioning.

INSTALL

Plug-and-play installation in just one day*, supported by **installer-friendly features** for **more efficient on-site work**.

COMMISSION

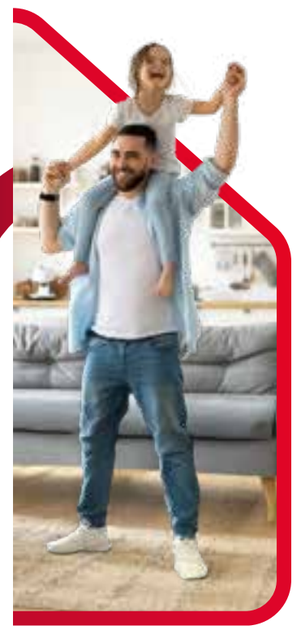
Simplified, guided configuration with smart tools and the **new SET+ function**.

USE

Effortless comfort management at home with the Sensys HD or from **anywhere** through the Ariston NET app.

SERVICE

Ariston NET Pro, the **remote assistance platform** that boosts efficiency and streamlines workflows.



* Installation time may vary depending on project complexity.

System Versatility

Flexible configurations

NIMBUS 5 offers a **versatile monobloc range with multiple configuration options** to suit **different installation needs**. From all-in-one systems to solutions with a separate DHW tank or space-saving setups, each option balances efficiency and flexibility.



NIMBUS 5 M Compact

HEATING COOLING HOT WATER



NIMBUS 5 M Pack

HEATING HOT WATER



NIMBUS 5 M Plus

HEATING COOLING DHW TANK INTEGRATION



NIMBUS 5 M Pocket



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



Pre-plumbed cylinder capacities
150 L, 180 L slimline
210 L standard

Outdoor unit size



Small
3-5 kW



Medium
8 kW



Large
12-15 kW

NEW

Now integrated in the outdoor unit:

- Anti-freeze kit
- Drain pan
- Cone filter*
- Y strainer Water Filter kit**

*30M, 50M, 80M units
**120M, 150M units

Project scenarios

With its flexible configurations, diverse sizes, and easy installation, NIMBUS 5 offers the right solution for **different applications**. It seamlessly integrates into various heating systems and adapts to different needs and projects.

Renovations



New constructions



Tailored for **every residential need**

ENERGY CLASS UPGRADE

/ Easy replacement
Help your customers improve their **building's energy class** through a boiler replacement: NIMBUS 5 works with **existing radiators**, no renovation needed.

SYSTEM INTEGRATION

/ Integrated systems
With BridgeNet® technology, Nimbus 5 connects seamlessly with boilers, solar thermal systems, cylinders and **all emitter types** to optimise energy use.

PHOTOVOLTAIC SYSTEM INTEGRATION

/ PV integration
Enable your customers to optimise **solar self-consumption** by connecting NIMBUS 5 to photovoltaic systems, increasing **energy efficiency** and **savings**.

SMART HOME INTEROPERABILITY

/ Smart home ready
Allow your customers to manage NIMBUS 5 via **smartphone** or **voice commands** (Alexa and Google Assistant) and connect it seamlessly to other smart home devices.

Designed for **Professionals**

Engineered around **your expertise**

Co-developed with professionals, Nimbus 5 features user-friendly, **plug & play** solutions that streamline workflows, simplify setup, and enable fast, efficient **installation — even in just one day***.

CONNECTION KIT

Flexible connection kit for adaptable setups.

L-SHAPED PANEL

L-shaped panel for simultaneous front and side access.

ANTI FREEZE KIT INCLUDED

Anti-freeze kit included for time and space saving.

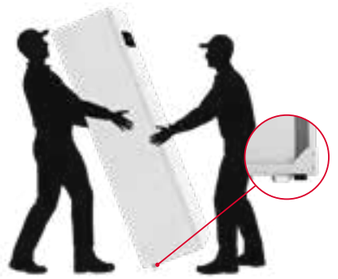


* Installation time may vary depending on project complexity.

Safe and effortless transport

NIMBUS 5 is designed with practical handling solutions to make **transport and positioning easier**, reducing effort and installation time.

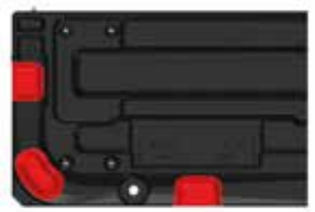
1 BUILT-IN WHEELS



2 STRAPS PASSAGE



3 GRIP RECESSES



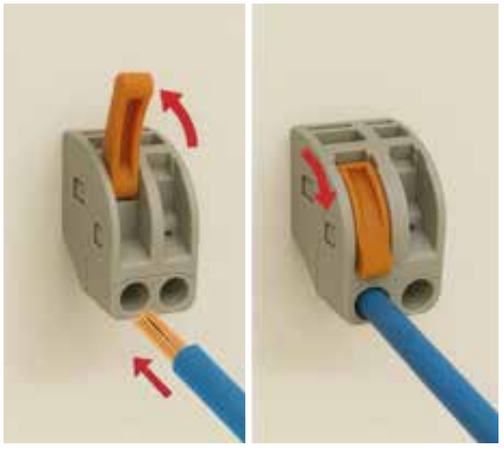
Easy handling components

Quick connectors



/ Allow **pipes** to be **securely fastened or released by hand**, no tools needed.*

Lever terminal blocks



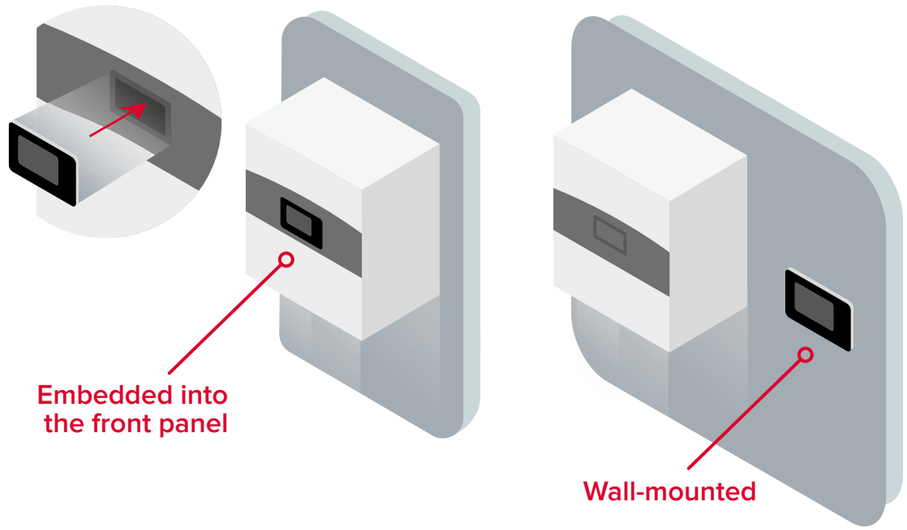
/ Replace traditional screw terminals, for **faster**, **efficient** and **safe installation**.

*Applies to Compact and Plus indoor unit models only

Designed for **Professionals**

Easy setup with smart tools

1 Sensys HD is the modulating chronothermostat that can be either seamlessly embedded into the front of the indoor unit or wall-mounted, adapting to different installation needs.



2 Sensys Configuration Wizard guides you through an intuitive step-by-step process, streamlining setup and making commissioning faster and more efficient.



New SET+ function

3 With the SET+ function, on Ariston NET pro, professionals benefit from a **guided digital commissioning** process with every key parameter correctly configured.

1

Smart identification: warm up questions to define the right installation configuration.

2

Optimised parameter selection: see only the key parameters and suggestions.

3

Thermoregulation auto-tune: visualise a tailor-made heating curve for each installation to achieve maximum comfort and efficiency.

4

Configuration summary and backup: review the setup, make adjustments if needed, and save the configuration as a backup or reusable scenario.

Ariston NET Pro

Ariston NET Pro is the **remote assistance platform** designed to simplify your work and enhance your service offer, enabling remote monitoring, control, and optimisation of installed products.

/ Real-time monitoring and **remote setting** of product parameters.

/ Real-time email notification in the event of a system failure.

/ Active Care: powered by artificial intelligence, it helps optimise your workload by addressing issues before they occur.

AI
powered by
Artificial Intelligence





High Efficiency Powered by R290

Higher energy efficiency, low emissions

As a reliable all-in-one solution for heating, cooling, and hot water, Nimbus 5 ensures **year-round comfort**, even in extreme weather conditions.

A+++
ENERGY CLASS

Up to A+++ efficiency even in high-temperature applications.

COP UP TO 5.1

COP of up to 5.1 and **up to 80% of energy drawn from the air** to reduce energy consumption and operating costs.

R290
R290 REFRIGERANT

Natural **R290 refrigerant** with near-zero GWP for a lower environmental impact.

Energy saving through the Ariston NET app

With the **Ariston NET app** your customers can track energy use, receive monthly reports and personalised tips to **save up to 25%***, and compare their consumption with similar households.

* Savings can be maximised by leveraging the full potential of the Ariston smart thermostat, outdoor sensors, and an AI- powered algorithm. Individual savings vary based on external factors such as usage patterns and climate conditions, which in some cases may result in savings exceeding 25%.

Everyday **Comfort**

Compact and easy to use



RE-DESIGNED

NIMBUS 5 features a new outdoor unit that **blends seamlessly into any setting**, minimising visual impact.

UP TO 40%
UP TO 40% SPACE SAVING

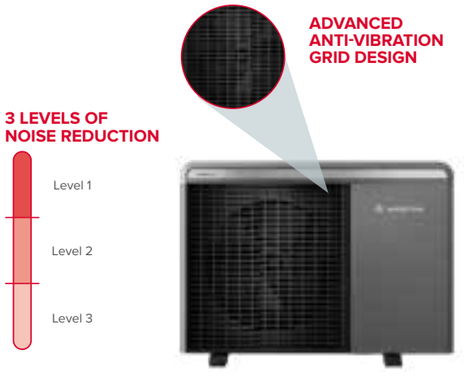
Up to 40% smaller than average, our outdoor unit ranks among the most compact on the market.

SENSYS HD INCLUDED

Sensys HD offers simple multi-zone temperature control for up to six zones, with an easy-to-use interface to customise comfort in every area of the home.

Quiet operation

The outdoor unit is engineered for low noise operation, with **three programmable noise reduction levels**, designed to adapt to different needs of everyday life, ensuring maximum acoustic comfort.





Smart Connectivity

Home gets smarter, life gets simpler

NIMBUS 5 comes with embedded **Wi-Fi capabilities**, making it easier for your customers to manage their comfort, with their smartphone, wherever they are.

Ariston NET is the smart app that offers:

/ Easy control: your customers can adjust temperature, set schedules, and change operating modes anytime, anywhere from their smartphone.

/ Remote assistance with Active Care: with the advanced functions of the Ariston NET app, the product parameters can be adjusted remotely to ensure maximum safety and efficiency. Additionally, Active Care, the AI-powered predictive function, allows Service Partners to identify potential issues and take proactive measures.

/ Energy saving*: to access detailed energy reports and tips to optimise energy consumption.

Only 3 steps to connect

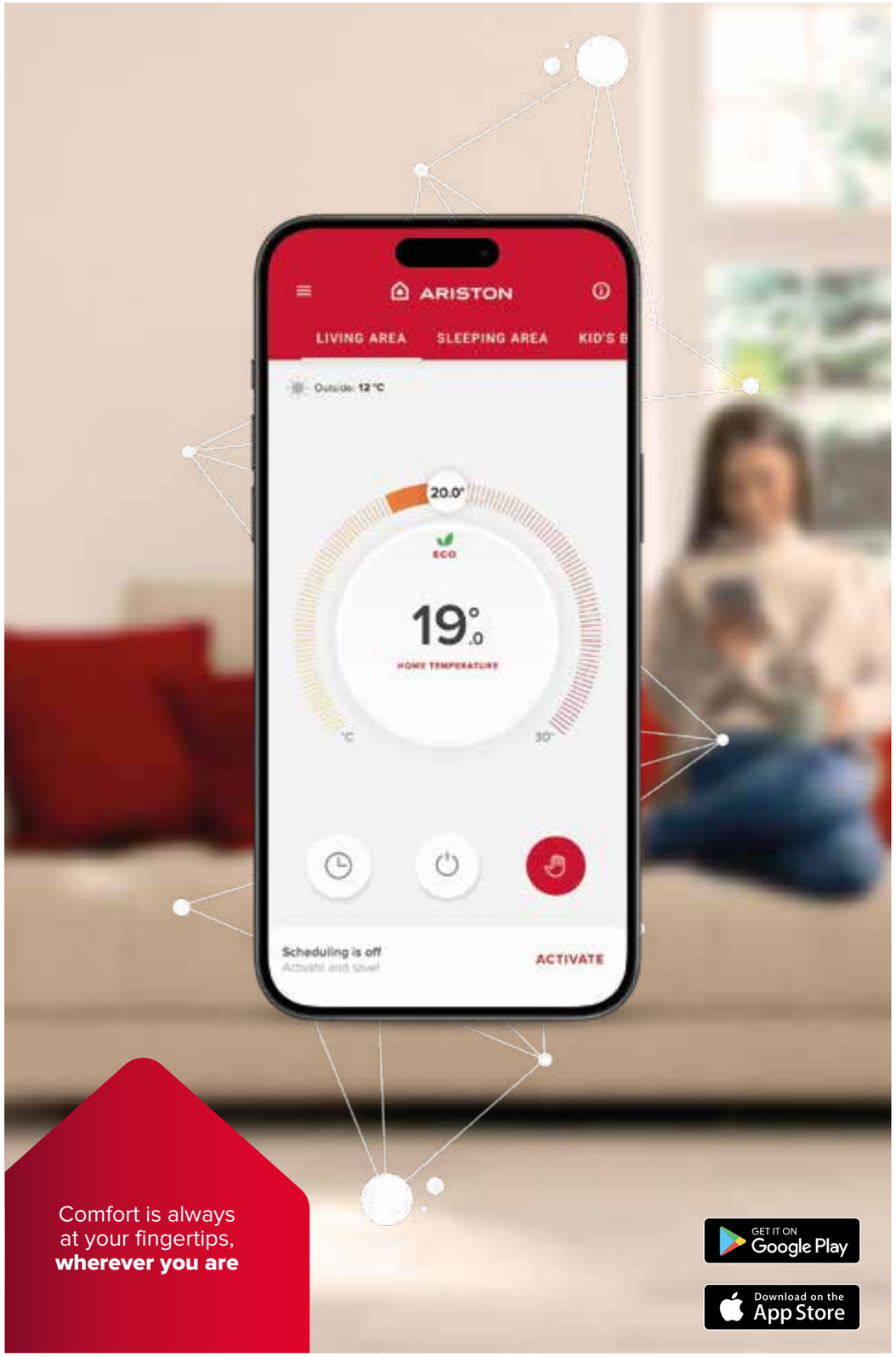
1. Download the Ariston NET app

2. Create an account and login

3. Start Wi-Fi connection



* For heating systems, savings can be maximised by leveraging the full potential of the Ariston smart thermostat, outdoor sensors, and an AI-powered algorithm. Individual savings vary based on external factors such as usage patterns and climate conditions, which in some cases may result in savings up to 25%.



Enduring **Quality**

R290 safety guaranteed

Designed for **easy access to internal components without compromising safety**, NIMBUS 5 includes **tested electronic boards** specifically engineered for maximum protection and **secure lever terminal blocks**, enabling the safe use of R290 refrigerant.



Integrated anti-freeze system

NIMBUS 5 comes with the **anti-freeze kit included**, a patent-pending component that provides enhanced **safety against system freezing.**

Advanced water protection

NIMBUS 5 integrates a **reinforced protection system** designed to keep the hydraulic circuit clean, stable and reliable over time.
The combined action of **magnetic and Y-filters**, together with a **manual deaerator**, protects key components from debris, sludge and air, reducing wear and ensuring reliable performance.

UP-TO* 10 YEAR WARRANTY

NIMBUS 5 comes with a warranty of up-to 10 years, providing complete peace of mind for the end-user*.

Enhanced warranties are also available via your local Ariston Service Partner. The Smart Protection extended warranty is designed to improve the quality of comfort and best protect the system.



1. Gas/air heat exchanger (evaporator)with straight fins and Blue Fin treatment
2. Inverter control
3. Fan
4. Twin-rotary DC inverter compressor
5. Class A high-efficiency modulating system circulator pump
6. Gas/water plate heat exchanger
7. Integrated 12 l expansion vessel
8. Thermic hermetic shell
9. Anti-freeze
10. Depropanizer
11. Additional electric heating elements pre installed as standard
12. Integrated multifunctional filter with nanometer
13. 3-way valve
15. Passive anode
16. Integrated 180 l cylinder
17. Predisposition for additional heating accessory dedicated for DHW
18. Hydronic connections
19. Wired external sensor
20. Sensys HD thermostat
21. Light gateway

*subject to warranty T&Cs.

NIMBUS 5 M Compact

Efficient Performance
/ Up to A+++ in high-temperature applications
/ R290 gas refrigerant
/ Cop up to 5.1

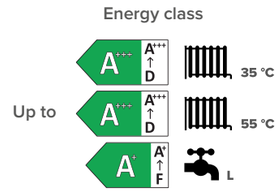
Solutions for All
/ Integration with existing radiators
/ System integration with Bus BridgeNet®
/ Photovoltaic integration

Designed for Professionals
/ Wheels included for easy transport
/ Straps passage*
/ Grip recesses*
/ L-shaped panel*
/ Flexible connection kit
/ Quick connectors
/ Lever terminal blocks
/ SET+ function for easy comissioning
/ Ariston NET pro for easy maintenance

Easy Comfort
/ Quiet operation with three adjustable low noise levels
/ Up to 40% space saving*
/ Ariston NET app for remote control and assistance

Extra safety
/ Anti-freeze kit included*
/ Magnetic filter included
/ Drain pan included
/ Y filter*
/ Manual deareator

Energy class



UP TO 10 YEARS WARRANTY*

MCS

bimobject®

MODEL	NOMINAL CAPACITY	POWER SUPPLY
NIMBUS 5 COMPACT 30 M R290	3 kW	1ph
NIMBUS 5 COMPACT 50 M R290	5 kW	1ph
NIMBUS 5 COMPACT 80 M R290	8 kW	1ph
NIMBUS 5 COMPACT 80 M-T R290	8 kW	3ph
NIMBUS 5 COMPACT 120 M R290	12 kW	1ph
NIMBUS 5 COMPACT 120 M-T R290	12 kW	3ph
NIMBUS 5 COMPACT 150 M R290	15 kW	1ph
NIMBUS 5 COMPACT 150 M-T R290	15 kW	3ph


Small 3-5 kW | Medium 8 kW | Large 12-15 kW

* ODU



R290 REFRIGERANT
ENERGY CLASS
SYSTEM MANAGEMENT
PHOTOVOLTAIC SYSTEM INTEGRATION
SIMPLIFIED TRANSPORT
CONNECTION KIT
QUICK CONNECTORS
LEVER TERMINAL BLOCK
FOR EASY COMMISSIONING
SUPER SILENT
ARISTON NET
ANTI FREEZE KIT

NIMBUS 5 M Compact

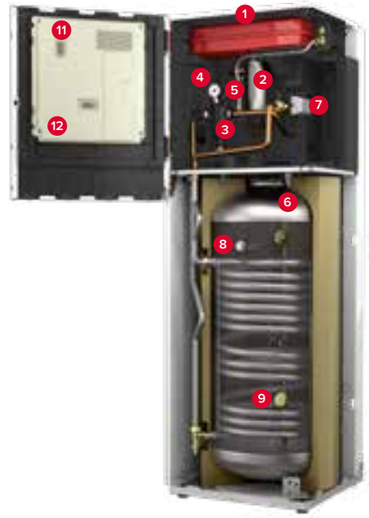


NIMBUS 5 M COMPACT R290		30 M	50 M	80 M	80 M-T	120 M	120 M-T	150 M	150 M-T
BUNDLES CODES		4147143	4147144	4147145	4147146	4147147	4147148	4147149	4147150
HEATING PERFORMANCE	CAPACITY A-7/W35 (MIN/NOM/MAX) *	0.82/2.50/3.14	1.06/5.00/5.53	1.63/7.00/7.92	1.63/7.00/7.92	2.20/9.00/11.0	2.20/9.00/11.0	2.19/11.0/12.43	2.19/11.0/12.43
	COP NOM A-7/W35 *	3.10	3.00	3.00	3.00	3.00	3.00	2.80	2.80
	CAPACITY A+7/W35 (MIN/NOM/MAX) *	1.21/3.00/4.69	1.63/5.00/7.37	2.37/8.00/11.08	2.37/8.00/11.08	3.33/12.0/14.08	3.33/12.0/14.08	3.39/15.0/16.81	3.39/15.0/16.81
	COP NOM A+7/W35*	5.10	5.00	4.80	4.80	4.80	4.80	4.30	4.30
	CAPACITY A+2/W45 (MIN/NOM/MAX) *	1.02/1.90/3.90	1.31/3.10/6.69	1.99/4.60/9.89	1.99/4.60/9.89	2.72/6.40/13.11	2.72/6.40/13.11	2.70/7.50/15.09	2.70/7.50/15.09
	COP NOM A+2/W45 *	3.20	3.10	3.20	3.20	3.40	3.40	3.30	3.30
	CAPACITY A+7/W55 (MIN/NOM/MAX) *	1.12/2.20/4.00	1.42/3.8/6.45	2.17/5.80/9.85	2.17/5.80/9.85	3.00/7.70/12.44	3.00/7.70/12.44	2.98/9.50/15.19	2.98/9.50/15.19
	COP NOM A+7/W55*	3.10	3.00	3.00	3.00	3.20	3.20	3.15	3.15
	WORKING TEMPERATURE (AIR) MIN/MAX	(°C)	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35
	FLOW TEMPERATURE (MIN/MAX) - HHP ONLY	(°C)	0/75	0/75	0/75	0/75	0/75	0/75	0/75	0/75
COOLING PERFORMANCE	CAPACITY A35/W7 (MIN/NOM/MAX) *		1.07/3.00/3.70	1.29/5.00/5.50	1.82/7.00/8.15	1.82/7.00/8.15	2.73/9.10/9.68	2.73/9.10/9.68	2.73/11.0/11.01	2.73/11.0/11.01
	EER NOM A35/W7 *		3.52	3.23	3.39	3.39	3.53	3.53	3.21	3.21
	CAPACITY A35/W18 (MIN/NOM/MAX) *		1.46/3.00/4.40	1.89/5.00/7.75	2.58/7.00/11.37	2.58/7.00/11.37	3.68/10.8/13.79	3.68/10.80/13.79	3.68/12.20/15.57	3.68/12.20/15.57
	EER NOM A35/W18 *		5.23	4.66	5.12	5.12	5.14	5.14	4.71	4.71
	FLOW TEMPERATURE (MIN/MAX)	(°C)	0/75	0/75	0/75	0/75	0/75	0/75	0/75	0/75
	WORKING TEMPERATURE (AIR) MIN/MAX	(°C)	10/43	10/43	10/43	10/43	10/43	10/43	10/43	10/43
HOT WATER PRODUCTION	COP NOM		3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1
	TANK CAPACITY	(L)	180	180	180	180	180	180	180	180
	HEATING TIME	(h:min)	02:20	01:40	01:03	01:03	00:55	00:55	00:50	00:50
	SET POINT TEMP	(°C)	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
	WATER VOLUME AT 40 °C	(L)	233	233	233	233	233	233	233	233
ERP DATA	ENERGY CLASS - HEATING 35°C/55°C*		A+++/A+++	A+++/A++	A+++/A++	A+++/A++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++
	TAPPING PROFILE		L	L	L	L	L	L	L	L
	DHW ENERGY CLASS		A+	A+	A+	A+	A+	A+	A+	A+
	SEASONAL EFFICIENCY (AVERAGE CLIMATE, HT)		3.83	3.67	3.58	3.58	3.87	3.87	3.86	3.86
	SEASONAL EFFICIENCY (AVERAGE CLIMATE, LT)		4.91	4.82	4.59	4.59	4.86	4.86	4.67	4.67

*Data according to EN 14511

NIMBUS 5 M Compact Indoor Unit

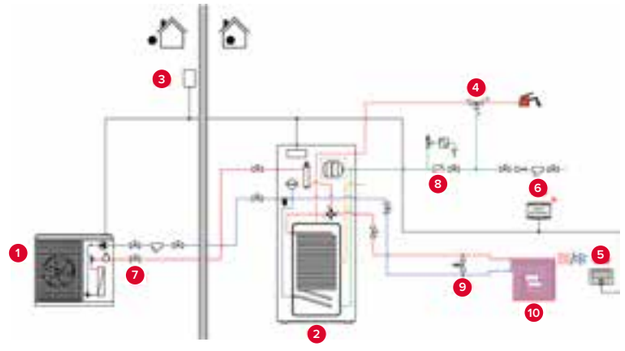




Technical components included:

1. Integrated 12 l expansion vessel
2. Backup electric resistances
3. Multifunction magnetic filter
4. Manometer
5. Manual air purge
6. 180l DHW tank
7. 3 way valve (heating/DHW)
8. Passive anode
9. Predisposition for DHW backup heating element
10. HMI
11. System control electric board
12. Lightgateway for connectivity

NIMBUS 5 M COMPACT R290		30 M	50 M	80 M	80 M-T	120 M	120 M-T	150 M	150 M-T
INDOOR UNIT									
WEIGHT	(KG)	127	127	127	127	127	127	127	127
VOLTAGE/PHASE/FREQUENCY	(V-ph-Hz)	230-1-50	230-1-50	230-1-50	400-3-50	230-1-50	400-3-50	230-1-50	400-3-50
HEATING ELEMENT (kW)	(kW)	2+2+2	2+2+2	2+2+2	2+2+2	2+2+2	2+2+2	2+2+2	2+2+2
INDOOR UNIT SOUND POWER	dB(A)	35	35	35	35	35	35	35	35
EXPANSION VESSEL CAPACITY	(L)	12	12	12	12	12	12	12	12



Pos.	Description
1	PCM5 - EXTERNAL UNIT HHP - MONOBLOC 1-PH OR 3-PH
2	PCM5 - IDU FS MONO
3	EXTERNAL PROBE
4	THERMOSTATIC MIXING VALVE
5	SYSTEM INTERFACE
6	LIGHT GATEWAY
7	Y-FILTER PCM5 (supplied with product)
8	SAFETY GROUP
9	BY-PASS VALVE
10	UNDER FLOOR HEATING-COOLING

NIMBUS 5 M Pocket

Efficient Performance
/ Up to A+++ in high-temperature applications
/ R290 gas refrigerant
/ Cop up to 5.1

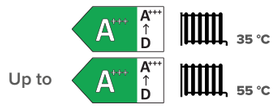
Solutions for All
/ Integration with existing radiators
/ System integration with Bus BridgeNet®
/ Photovoltaic integration

Designed for Professionals
/ Possible indoor and outdoor installation
/ Straps passage*
/ Grip recesses*
/ L-shaped panel*
/ Lever terminal blocks*
/ SET+ function for easy comissioning
/ Ariston NET pro for easy maintenance

Easy Comfort
/ Quiet operation with three adjustable low noise levels
/ Up to 40% space saving*
/ Ariston NET app for remote control and assistance

Extra safety
/ Anti-freeze kit included*
/ Magnetic filter included
/ Drain pan included
/ Y filter*
/ Manual deareator

Energy class



UP TO 10 YEARS WARRANTY

MCS

CE UK CA

bimobject®

JUST ASK amazon alexa

works with the Google Assistant

MODEL	NOMINAL CAPACITY	POWER SUPPLY
NIMBUS 5 POCKET 30 M R290	3 kW	1ph
NIMBUS 5 POCKET 50 M R290	5 kW	1ph
NIMBUS 5 POCKET 80 M R290	8 kW	1ph
NIMBUS 5 POCKET 80 M-T R290	8 kW	3ph
NIMBUS 5 POCKET 120 M R290	12 kW	1ph
NIMBUS 5 POCKET 120 M-T R290	12 kW	3ph
NIMBUS 5 POCKET 150 M R290	15 kW	1ph
NIMBUS 5 POCKET 150 M-T R290	15 kW	3ph



Small 3-5 kW | Medium 8 kW | Large 12-15 kW

* ODU



R290 REFRIGERANT

A+++ ENERGY CLASS

BUS BridgeNet® SYSTEM MANAGEMENT

PHOTOVOLTAIC SYSTEM INTEGRATION

SIMPLIFIED TRANSPORT

LEVER TERMINAL BLOCK

SET+ FOR EASY COMMISSIONING

SUPER SILENT

ARISTON NET

ANTI FREEZE KIT INCLUDED

NIMBUS 5 M Pocket



NIMBUS 5 M POCKET R290		30 M	50 M	80 M	80 M-T	120 M	120 M-T	150 M	150 M-T
BUNDLE CODES		4147111	4147112	4147113	4147114	4147115	4147116	4147117	4147118
HEATING PERFORMANCE									
CAPACITY A-7/W35 (MIN/NOM/MAX) *		0.82/2.50/3.14	1.06/5.00/5.53	1.63/7.00/7.92	1.63/7.00/7.92	2.20/9.00/11.0	2.20/9.00/11.0	2.19/11.0/12.43	2.19/11.0/12.43
COP NOM A-7/W35 *		3.10	3.00	3.00	3.00	3.00	3.00	2.80	2.80
CAPACITY A+7/W35 (MIN/NOM/MAX) *		1.21/3.00/4.69	1.63/5.00/7.37	2.37/8.00/11.08	2.37/8.00/11.08	3.33/12.0/14.08	3.33/12.0/14.08	3.39/15.0/16.81	3.39/15.0/16.81
COP NOM A+7/W35*		5.10	5.00	4.80	4.80	4.80	4.80	4.30	4.30
CAPACITY A+2/W45 (MIN/NOM/MAX) *		1.02/1.90/3.90	1.31/3.10/6.69	1.99/4.60/9.89	1.99/4.60/9.89	2.72/6.40/13.11	2.72/6.40/13.11	2.70/7.50/15.09	2.70/7.50/15.09
COP NOM A+2/W45 *		3.20	3.10	3.20	3.20	3.40	3.40	3.30	3.30
CAPACITY A+7/W55 (MIN/NOM/MAX) *		1.12/2.20/4.00	1.42/3.80/6.45	2.17/5.80/9.85	2.17/5.80/9.85	3.00/7.70/12.44	3.00/7.70/12.44	2.98/9.50/15.19	2.98/9.50/15.19
COP NOM A+7/W55*		3.10	3.00	3.00	3.00	3.20	3.20	3.15	3.15
COOLING PERFORMANCE									
WORKING TEMPERATURE (AIR) MIN/MAX	(°C)	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35
FLOW TEMPERATURE (MIN/MAX) - HHP ONLY	(°C)	0/75	0/75	0/75	0/75	0/75	0/75	0/75	0/75
CAPACITY A35/W7 (MIN/NOM/MAX) *		1.07/3.00/3.70	1.29/5.00/5.50	1.82/ 7.00/8.15	1.82/7.00/8.15	2.73/9.10/9.68	2.73/ 9.10/ 9.68	2.73/11.00/11.01	2.73/11.00/11.01
EER NOM A35/W7 *		3.52	3.23	3.39	3.39	3.53	3.53	3.21	3.21
CAPACITY A35/W18 (MIN/NOM/MAX) *		1.46/3.00/4.40	1.89/5.00/7.75	2.58/7.00/11.37	2.58/7.00/11.37	3.68/10.80/13.79	3.68/10.80/13.79	3.68/12.20/15.57	3.68/12.20/15.57
EER NOM A35/W18 *		5.23	4.66	5.12	5.12	5.14	5.14	4.71	4.71
ERP DATA									
FLOW TEMPERATURE (MIN/MAX)	(°C)	0/75	0/75	0/75	0/75	0/75	0/75	0/75	0/75
WORKING TEMPERATURE (AIR) MIN/MAX	(°C)	10/43	10/43	10/43	10/43	10/43	10/43	10/43	10/43
ENERGY CLASS - HEATING 35°C/55°C	(°C)	A+++/A+++	A+++/A++	A+++/A++	A+++/A++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++
SEASONAL EFFICIENCY (AVERAGE CLIMATE, HT)		3.83	3.67	3.58	3.58	3.87	3.87	3.86	3.86
SEASONAL EFFICIENCY (AVERAGE CLIMATE, LT)		4.91	4.82	4.59	4.59	4.86	4.86	4.67	4.67
ANNUAL ENERGY CONSUMPTION (HT) kWh	kWh	1523	3184	4440	4440	5022	5022	6195	6195
SOUND POWER OUTDOOR UNIT	dB(A)	52	54	56	56	57	57	57	57

***Data according to EN 14511**

NIMBUS 5 M Pocket Indoor Unit

NEW



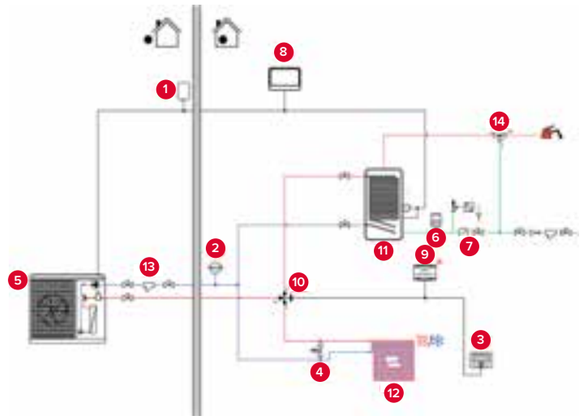


Technical components included:

- HMI
- System control electric board

Designed for indoor and outdoor installation

NIMBUS 5 M POCKET R290		30 M	50 M	80 M	80 M-T	120 M	120 M-T	150 M	150 M-T
INDOOR UNIT									
WEIGHT	(KG)	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85
VOLTAGE/PHASE/FREQUENCY	(V-ph-Hz)	230/1/50	230/1/50	230/1/50	400/3/50	230/1/50	400/3/50	230/1/50	400/3/50



Pos.	Description	Pos.	Description
1	EXTERNAL PROBE	8	PCM5 - LIGHTBOX
2	EXPANSION VESSEL - HEATING	9	LIGHT GATEWAY
3	SYSTEM INTERFACE	10	HEATING-DHW 3-WAY VALVE
4	BY-PASS VALVE	11	DHW TANK HHP 1-COIL WITH T PROBE AND ANODE
5	PCM5 - EXTERNAL UNIT HHP - MONOBLOC 1-PH OR 3-PH	12	UNDER FLOOR HEATING-COOLING
6	EXPANSION VESSEL - DHW	13	Y-FILTER PCM5 (supplied with product)
7	SAFETY GROUP	14	THERMOSTATIC MIXING VALVE

NIMBUS 5 M Pack

Nimbus 5 M Pack completes the offer of the UK R290 HHP range, with a UK manufactured pre-plumbed unit.

/ Plug & Play easy installation with pre-wired and pre-plumbed components, including factory fitted Nimbus 5 Light Box
/ Compact all-in-one solution helps maximise available plant room or airing cupboard space, significantly reducing on-site installation time
/ Designed to suit the majority of UK homes with flexible 2-zone heating models
/ Standard 3kW immersion heater for enhanced flexibility and peace of mind
/ New gateway with flexible Wi-Fi, 4G and LAN connectivity options, ideal for multi-dwelling developments
/ Engineered for seamless integration with the new Nimbus 5 R290 range
/ Available in standard and slimline diameter

Energy class

Up to A+++ A+++ ↑ D 35 °C

Up to A+++ A+++ ↑ D 55 °C

A A ↑ F L

UP TO 10 YEARS WARRANTY

MCS

CE UKCA

bimobject

ICIM

WRAS APPROVED PRODUCT



Small 3-5 kW



Medium 8 kW



Large 12-15 kW



150 L, 180 L, 210 L

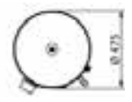
SLIMLINE, SLIMLINE, STANDARD

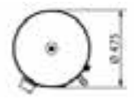
	NIMBUS 5 M PACK		30 M	50 M	80 M	80 M-T	120 M	120 M-T	150 M	150 M-T
HEATING PERFORMANCE	CAPACITY A-7/W35 (MIN/NOM/MAX) *		0.82/2.50/3.14	1.06/5.00/5.53	1.63/7.00/7.92	1.63/7.00/7.92	2.20/9.00/11.0	2.20/9.00/11.0	2.19/11.0/12.43	2.19/11.0/12.43
	COP NOM A-7/W35 *		3.10	3.00	3.00	3.00	3.00	3.00	2.80	2.80
	CAPACITY A+7/W35 (MIN/NOM/MAX) *		1.21/3.00/4.69	1.63/5.00/7.37	2.37/8.00/11.08	2.37/8.00/11.08	3.33/12.0/14.08	3.33/12.0/14.08	3.39/15.0/16.81	3.39/15.0/16.81
	COP NOM A+7/W35 *		5.10	5.00	4.80	4.80	4.80	4.80	4.30	4.30
	CAPACITY A+2/W45 (MIN/NOM/MAX) *		1.02/1.90/3.90	1.31/3.10/6.69	1.99/4.60/9.89	1.99/4.60/9.89	2.72/6.40/13.11	2.72/6.40/13.11	2.70/7.50/15.09	2.70/7.50/15.09
	COP NOM A+2/W45 *		3.20	3.10	3.20	3.20	3.40	3.40	3.30	3.30
	CAPACITY A+7/W55 (MIN/NOM/MAX) *		1.12/2.20/4.00	1.42/3.8/6.45	2.17/5.80/9.85	2.17/5.80/9.85	3.00/7.70/12.44	3.00/7.70/12.44	2.98/9.50/15.19	2.98/9.50/15.19
	COP NOM A+7/W55 *		3.10	3.00	3.00	3.00	3.20	3.20	3.15	3.15
	WORKING TEMPERATURE (AIR) MIN/MAX °C	(°C)	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35	-25/35
	FLOW TEMPERATURE (MIN/MAX) - HHP ONLY °C	(°C)	0/75	0/75	0/75	0/75	0/75	0/75	0/75	0/75
ERP DATA	ENERGY CLASS - HEATING 35°C/55°C*		A+++/A+++	A+++/A++	A+++/A++	A+++/A++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++
	DHW ENERGY CLASS		A+	A+	A+	A+	A+	A+	A+	A+
	SEASONAL EFFICIENCY (AVERAGE CLIMATE, HT)		3.83	3.67	3.58	3.58	3.87	3.87	3.86	3.86
	SEASONAL EFFICIENCY (AVERAGE CLIMATE, LT)		4.91	4.82	4.59	4.59	4.86	4.86	4.67	4.67
	ANNUAL ENERGY CONSUMPTION (HT)	kWh	1523	3184	4440	4440	5022	5022	6195	6195
	SOUND POWER OUTDOOR UNIT	dB(A)	52	54	56	56	57	57	57	57
	SOUND POWER INDOOR UNIT	dB(A)	45	45	45	45	45	45	45	45

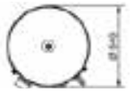
*Data according to EN 14511

Nimbus 5 M Pack

	NIMBUS 5 M PACK		30 M	50 M	80 M	80 M-T	120 M	120 M-T	150 M	150 M-T
HOT WATER PRODUCTION (150L)	BUNDLE CODES		4147338	4147339	4147340	4147341				
	TAPPING PROFILE		L	L	L	L	-	-	-	-
	DHW ENERGY CLASS		A+	A+	A+	A+	-	-	-	-
	COP NOM		3.0	3.1	3.2	3.2	-	-	-	-
	TANK CAPACITY	(L)	150	150	150	150	-	-	-	-
	HEATING TIME	(h:min)	2:27	1:49	1:17	1:17	-	-	-	-
	SET POINT TEMP	(°C)	57	57	54	54	-	-	-	-
HOT WATER PRODUCTION (180L)	BUNDLE CODES		4147342	4147343	4147344	4147345	4147346	4147347	4147348	4147349
	TAPPING PROFILE		XL	XL	XL	XL	XL	XL	XL	XL
	DHW ENERGY CLASS		A+	A+	A+	A+	A+	A+	A+	A+
	COP NOM		3.1	3.1	3.3	3.3	3	3	3	3
	TANK CAPACITY	(L)	180	180	180	180	180	180	180	180
	HEATING TIME	(h:min)	2:47	2:03	1:27	1:27	1:13	1:13	1:08	1:08
	SET POINT TEMP	(°C)	57	57	54	54	53	53	53	53
HOT WATER PRODUCTION (210L)	BUNDLE CODES				4147350	4147351	4147352	4147353	4147354	4147355
	TAPPING PROFILE		-	-	XL	XL	XL	XL	XL	XL
	DHW ENERGY CLASS		-	-	A+	A+	A+	A+	A+	A+
	COP NOM		-	-	3.5	3.5	3.1	3.1	3	3
	TANK CAPACITY	(L)	-	-	210	210	210	210	210	210
	HEATING TIME	(h:min)	-	-	1:35	1:35	1:19	1:19	1:14	1:14
	SET POINT TEMP	(°C)	-	-	54	54	53	53	53	53
	WATER VOLUME AT 40 °C	(L)	-	-	274	274	236	236	236	236







NIMBUS 5 M PACK		150	180	210
PRE-PLUMBED		SLIMLINE	SLIMLINE	STANDARD
WEIGHT	(KG)	151	158	157
HEIGHT	(mm)	1456.6	1721.6	1469
VOLTAGE/PHASE/FREQUENCY	(V-ph-Hz)	230-1-50	230-1-50	230-1-50
HEATING ELEMENT	(kW)	3	3	3
EXPANSION VESSEL CAPACITY	(L)	12	18	24



NIMBUS 5 Outdoor units



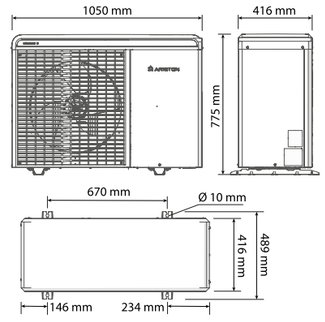
NIMBUS 5 R290		30 M EXT R290	50 M EXT R290	80 M EXT R290	80 M-T EXT R290	120 M EXT R290	120 M-T EXT R290	150 M EXT R290	150 M-T EXT R290
OUTDOOR UNIT									
WEIGHT	(KG)	66	77	101	113	125	139	125	139
REFRIGERANT TYPE		R290	R290	R290	R290	R290	R290	R290	R290
STANDARD CHARGE	(g)	380	660	890	890	1410	1410	1410	1410
GWP		0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
CO2 EQUIVALENT	(t)	~ 0	~ 0	~ 0	~ 0	~ 0	~ 0	~ 0	~ 0
VOLTAGE/PHASE/FREQUENCY		230-1-50	230-1-50	230-1-50	400-3-50	230-1-50	400-3-50	230-1-50	400-3-50
MAXIMUM ABSORBED CURRENT	(A)	8.3	14.78	22.66	10.4	31.53	13.89	36.6	15.45
MAXIMUM ABSORBED POWER	(kW)	1.71	3.05	5.17	5.55	6.42	7.19	7.51	8.0



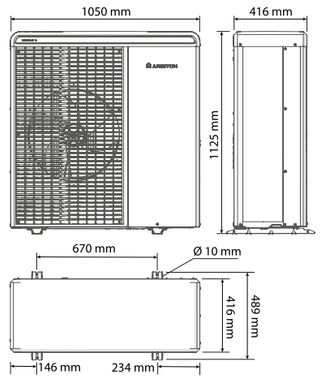
Technical components included:

1. Gas/water plate heat exchanger
2. Safety depropanizer
3. Safety Pressure Valve
4. Water circulation pump
5. Flow-meter
6. Anti-freeze kit

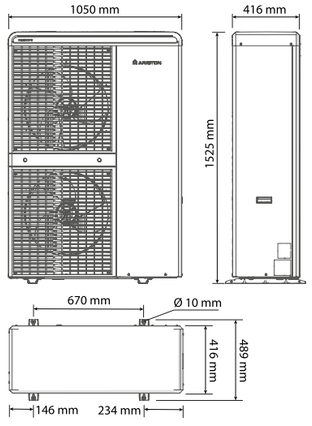
30 M / 50 M



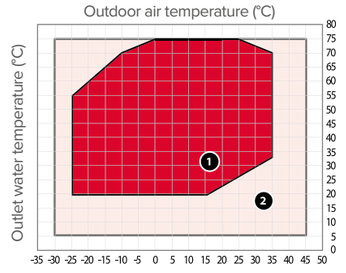
80 M & M-T



120 M & M-T / 150 M & M-T

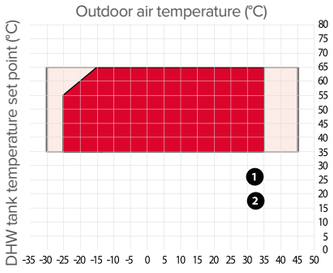


Operating limits for space heating



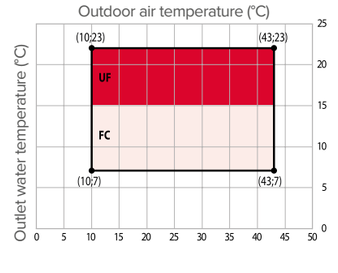
1. **Full operation** without restrictions
2. **Operation with variable capacity management** and integrated electric **back-up** heating to extend the operating range

Operating limits for domestic hot water



1. **Full operation** without restrictions
2. **Operation with variable capacity management** and integrated electric **back-up** heating to extend the operating range

Operating limits for cooling



UF: underfloor heating

FC: fan coil unit

HOT WATER | HEATING | RENEWABLES

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Sales: salesoffice@ariston.com | 0333 240 6666
Technical Helpdesk: 0333 240 8777 | option 3

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