

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



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 sustainability 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



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



R290
REFRIGERANT



ENERGY
CLASS



PHOTOVOLTAIC
SYSTEM
INTEGRATION



IDEAL FOR RADIATORS
75° WATER
TEMPERATURE



3 NOISE
REDUCTION
LEVELS



SENSYS HD
INCLUDED



INTEGRATED
CONNECTIVITY



ANTI-FREEZE KIT
INCLUDED



R290
SAFETY

Why choose the new NIMBUS 5

EASY TO



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

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

SELECT & PROPOSE



TRANSPORT



INSTALL

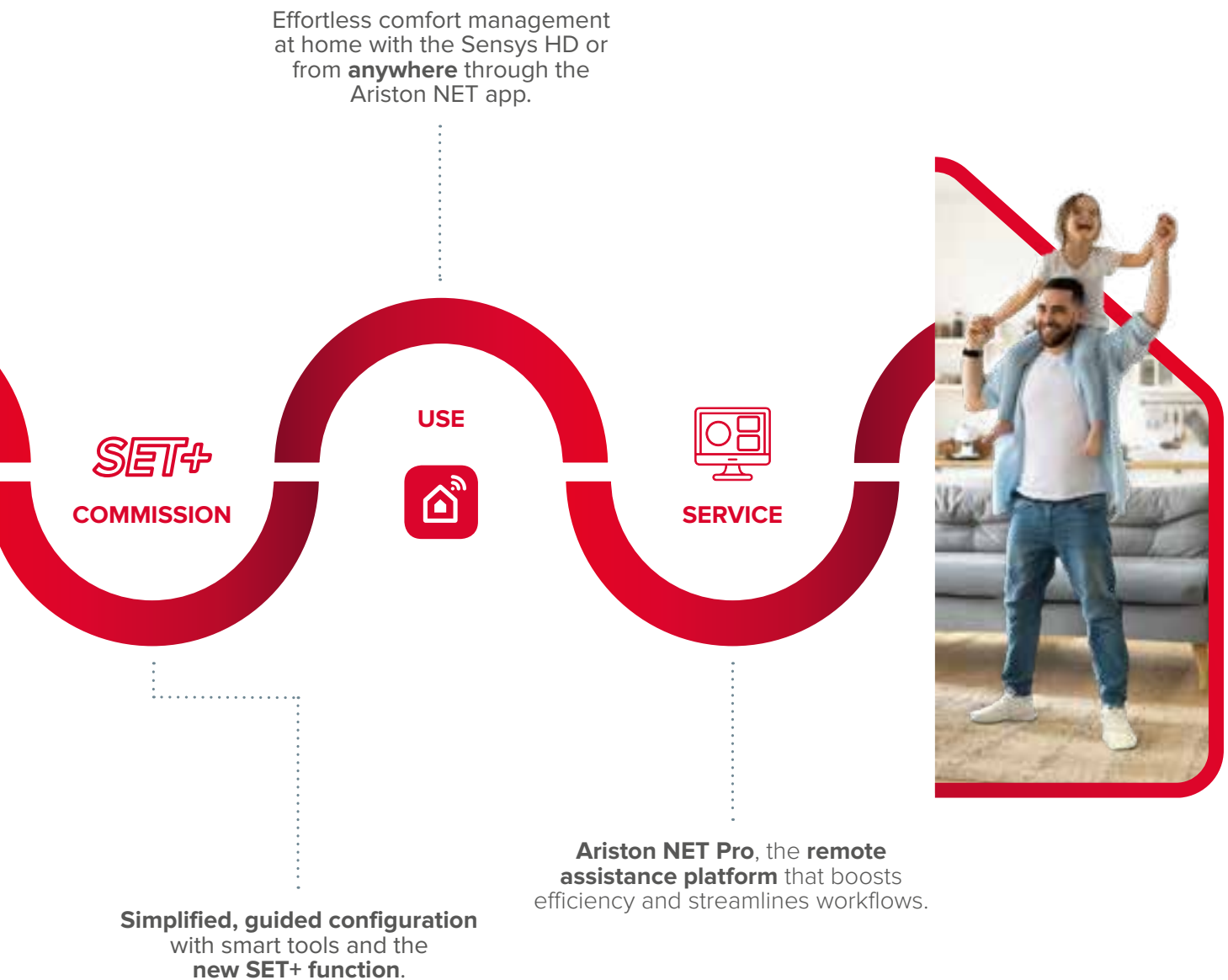


Practical handling solutions for faster and easier transport and positioning.

* Installation time may vary depending on project complexity.

At Ariston, being a trusted partner means **standing by our customers every day**: listening, supporting and providing **solutions that truly make a difference**.

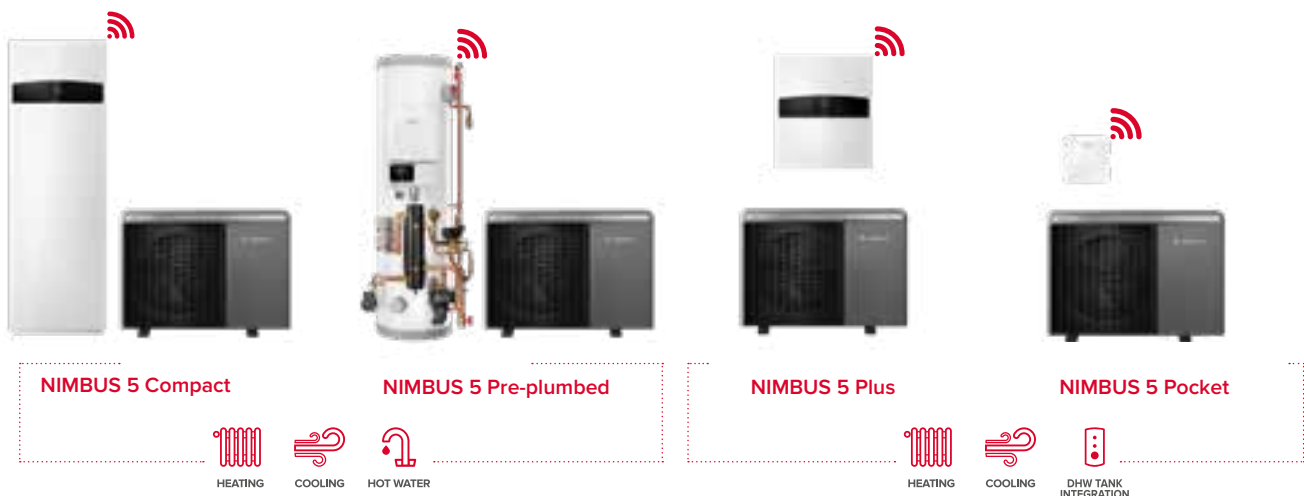
Whether it's helping professionals work more efficiently or ensuring end users enjoy effortless comfort at home, we are committed to **making advanced technologies simple and accessible to all**.



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.



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.



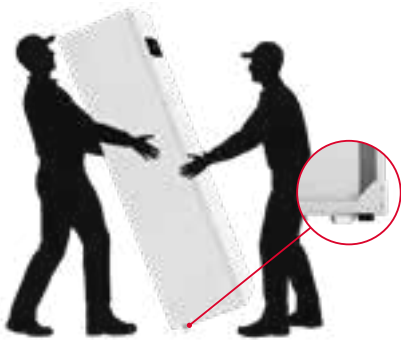
* Installation time may vary depending on project complexity.

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



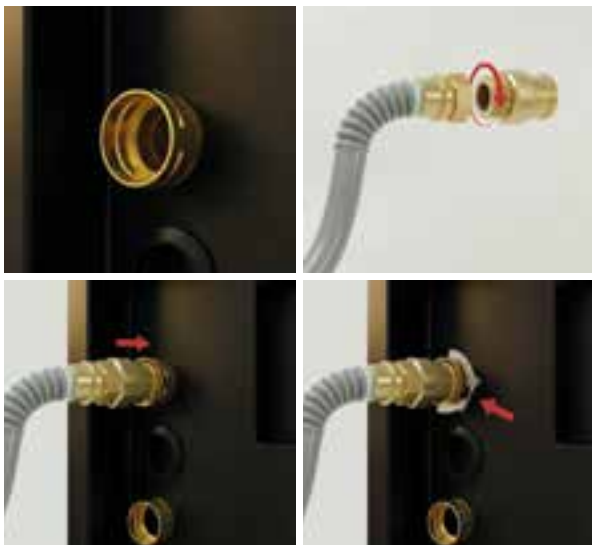
3

GRIP RECESSES



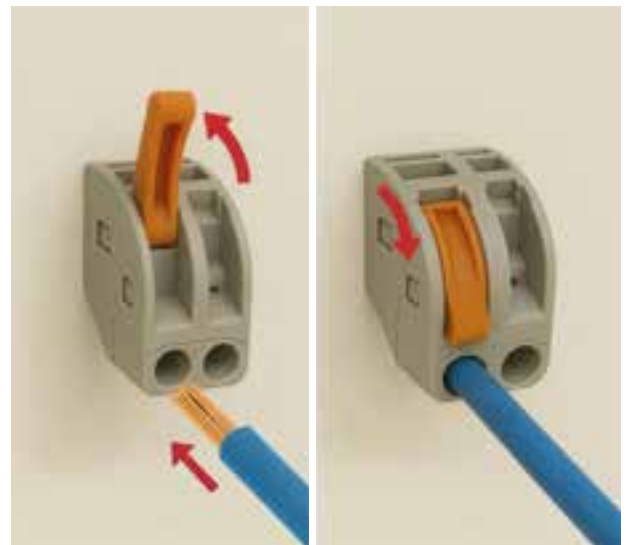
Easy handling components

Quick connectors



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

Lever terminal blocks



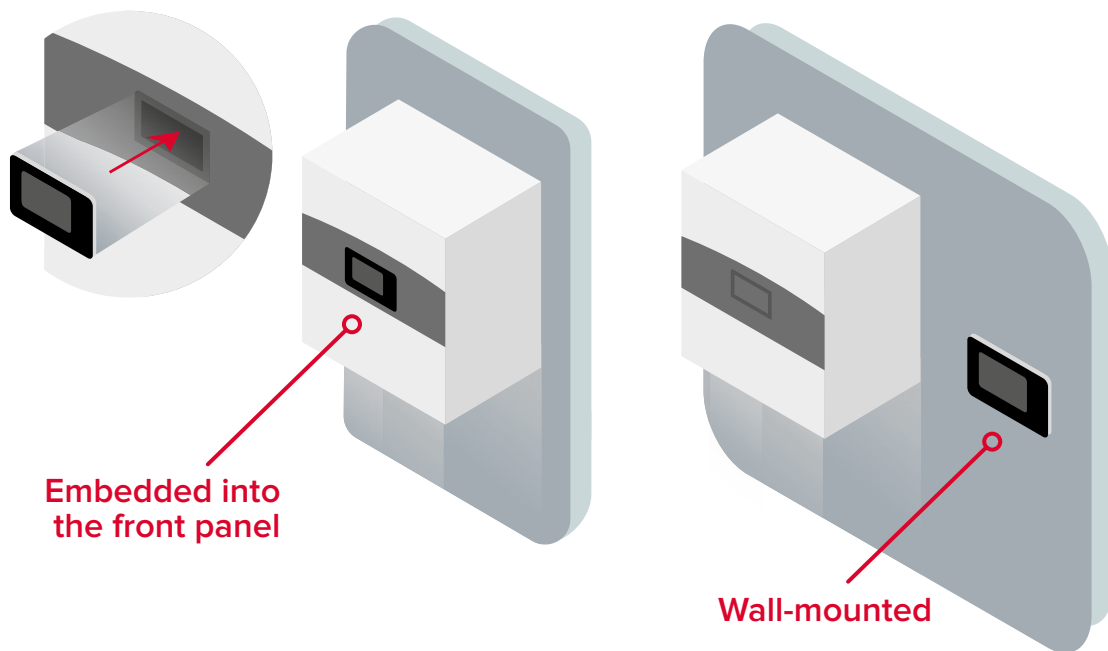
/ Replace traditional screw terminals, for **faster, efficient and safe installation**.

*Applies to Compact and Plus indoor unit models only

Designed for **Professionals**

Easy setup with smart tools

❶ **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.



❷ **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.





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.



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



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



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



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



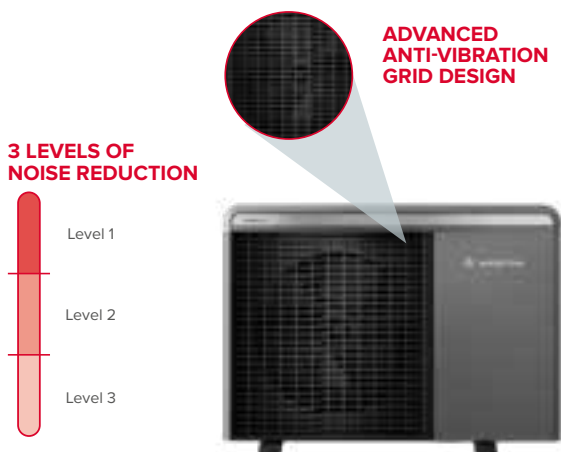
Up to 40% smaller than average, our outdoor unit ranks among the most compact on the market.



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.



**NOISE
REDUCTION**



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%.



Comfort is always
at your fingertips,
wherever you are

GET IT ON
Google Play

Download on the
App Store

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

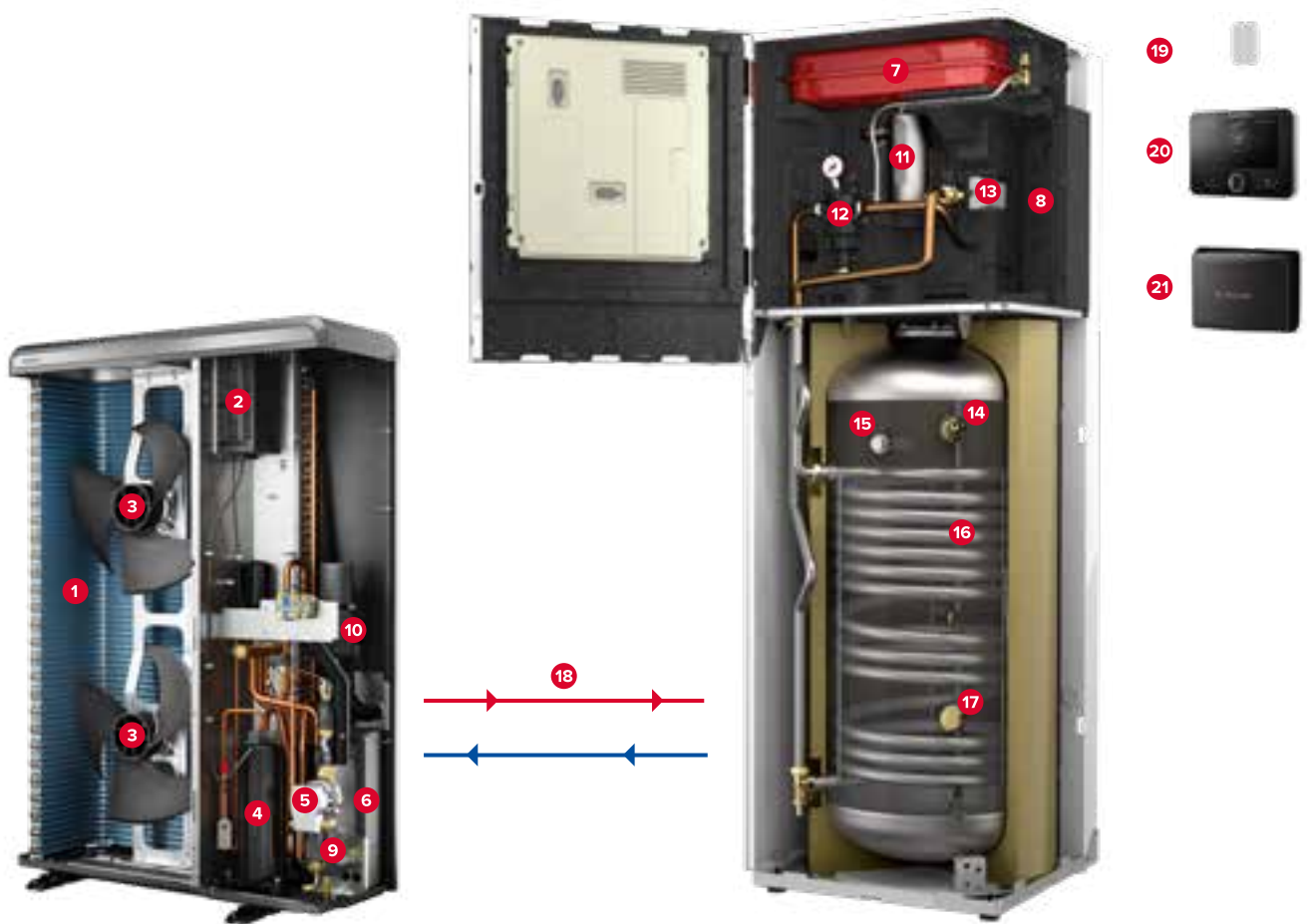
NIMBUS 5 integrates a **reinforced protection system** designed to keep the hydraulic circuit clean, stable and reliable over time.

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.



- ❶ Gas/air heat exchanger (evaporator) with straight fins and Blue Fin treatment
- ❷ Inverter control
- ❸ Fan
- ❹ Twin-rotary DC inverter compressor
- ❺ Class A high-efficiency modulating system circulator pump
- ❻ Gas/water plate heat exchanger

- ❼ Integrated 12 l expansion vessel
- ❽ Thermic hermetic shell
- ❾ Anti-freeze
- ❿ Depropanizer
- ⓫ Additional electric heating elements pre installed as standard
- ⓬ Integrated multifunctional filter with nanometer
- ⓭ 3-way valve
- ⓮ Active anode

- ⓯ Passive anode
- ⓰ Integrated 180 l cylinder
- ⓱ Predisposition for additional heating accessory dedicated for DHW
- ⓲ Hydronic connections
- ⓳ Wired external sensor
- ⓴ Sensys HD thermostat
- ⓵ Light gateway

NIMBUS 5 Compact

Sustainable 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

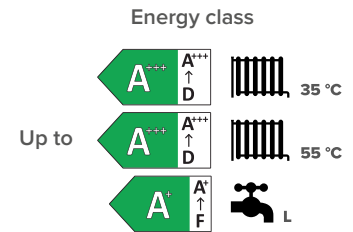
- / Wheels included for easy transport
- / Straps passage*
- / Grip recesses*
- / L-shaped panel*
- / Flexible connection kit
- / Quick connectors
- / Lever terminal blocks
- / SET+ function for easy commissioning
- / Ariston NET pro for easy maintenance

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



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



* 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 Compact



NIMBUS 5 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 °	2.41/3.10/3.25	2.53/3.00/2.98	3.21/3.00/2.92	3.21/3.00/2.92	2.99/3.00/2.84	2.99/3.00/2.84	2.97/2.80/2.73	2.97/2.80/2.73
	CAPACITY A+7/W35 (MIN/NOM/MAX) °	1.21/3.00/3.73	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 °	4.82/5.10/4.10	4.97/5.00/4.39	5.48/4.80/4.39	5.48/4.80/4.39	5.00/4.80/4.33	5.00/4.80/4.33	4.81/4.30/4.03	4.81/4.30/4.03
	CAPACITY A+2/W45 (MIN/NOM/MAX) °	1.02/1.90/3.78	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+7/W45 °	3.29/3.20/3.20	3.17/3.10/3.13	3.79/3.15/3.12	3.79/3.15/3.12	3.43/3.40/2.99	3.43/3.40/2.99	3.24/3.25/2.87	3.24/3.25/2.87
	CAPACITY A+7/W55 (MIN/NOM/MAX) °	1.12/2.20/3.94	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 °	2.94/3.10/3.10	3.02/3.00/2.94	3.41/3.00/2.88	3.41/3.00/2.88	3.13/3.20/2.83	3.13/3.20/2.83	2.98/3.15/2.71	2.98/3.15/2.71
	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	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 °	3.75/3.52/3.38	3.67/3.23/3.29	3.31/3.39/3.06	3.31/3.39/3.06	3.74/3.53/3.14	3.74/ 3.53/ 3.14	3.74/3.21/2.97	3.74/3.21/2.97
	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 °	5.31/5.23/3.84	5.32/4.66/4.31	4.56/5.12/3.99	4.56/5.12/3.99	4.97/5.14/4.12	4.97/5.14/4.12	4.97/4.71/3.81	4.97/4.71/3.81
	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 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** Protec active anode
- 9** Passive anode
- 10** Predisposition for DHW backup heating element
- 11** HMI
- 12** System control electric board
- 13** Lightgateway for connectivity

NIMBUS 5 COMPACT R290

30 M

50 M

80 M

80 M-T

120 M

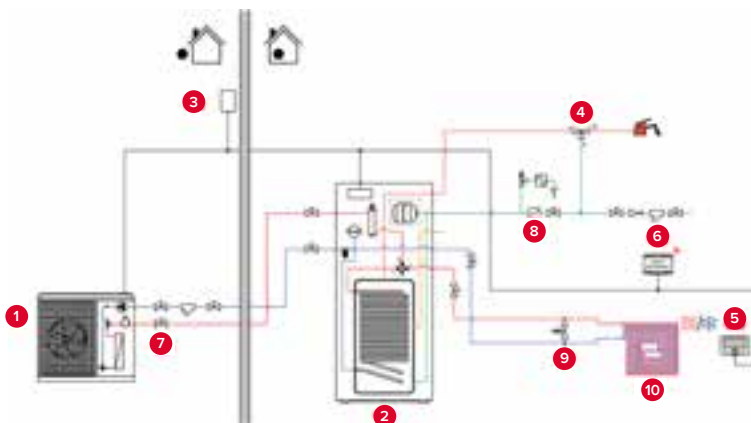
120 M-T

150 M

150 M-T

INDOOR UNIT

	(KG)	127	127	127	127	127	127	127	127
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 Pocket

Sustainable 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 commissioning
- / 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

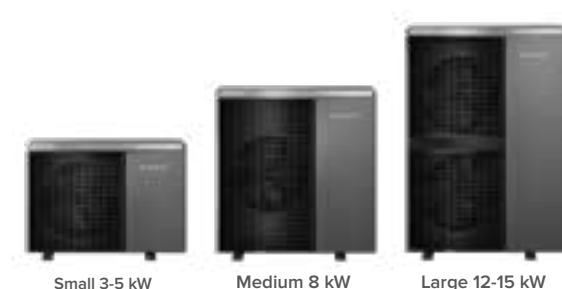
Extra safety

- / Anti-freeze kit included*
- / Magnetic filter included
- / Drain pan included
- / Y filter*
- / Manual deaerator

Energy class



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



* ODU



R290
REFRIGERANT



ENERGY
CLASS



SYSTEM
MANAGEMENT



PHOTOVOLTAIC
SYSTEM
INTEGRATION



SIMPLIFIED
TRANSPORT



LEVER TERMINAL
BLOCK



FOR EASY
COMMISSIONING



SUPER SILENT



ARISTON NET



ANTI FREEZE
KIT INCLUDED

NIMBUS 5 Pocket



NIMBUS 5 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 *	2.41/3.10/3.25	2.53/3.00/2.98	3.21/3.00/2.92	3.21/3.00/2.92	2.99/3.00/2.84	2.99/3.00/2.84	2.97/2.80/2.73	2.97/2.80/2.73
	CAPACITY A+7/W35 (MIN/NOM/MAX)	1.21/3.00/3.73	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 *	4.82/5.10/4.10	4.97/5.00/4.39	5.48/4.80/4.39	5.48/4.80/4.39	5.00/4.80/4.33	5.00/4.80/4.33	4.81/4.30/4.03	4.81/4.30/4.03
	CAPACITY A+2/W45 (MIN/NOM/MAX) *	1.02/1.90/3.78	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+7/W45 *	3.29/3.20/3.20	3.17/3.10/3.13	3.79/3.15/3.12	3.79/3.15/3.12	3.43/3.40/2.99	3.43/3.40/2.99	3.24/3.25/2.87	3.24/3.25/2.87
	CAPACITY A+7/W55 (MIN/NOM/MAX) *	1.12/2.20/3.94	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 *	2.94/3.10/3.10	3.02/3.00/2.94	3.41/3.00/2.88	3.41/3.00/2.88	3.13/3.20/2.83	3.13/3.20/2.83	2.98/3.15/2.71	2.98/3.15/2.71
COOLING PERFORMANCE	WORKING TEMPERATURE (AIR) MIN/MAX	(°C)	-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
	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
	EER NOM A35/W7 *		3.75/3.52/3.38	3.67/3.23/3.29	3.31/3.39/3.06	3.31/3.39/3.06	3.74/3.53/3.14	3.74/3.53/3.14	3.74/3.21/2.97
	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
	EER NOM A35/W18 *		5.31/5.23/3.84	5.32/4.66/4.31	4.56/5.12/3.99	4.56/5.12/3.99	4.97/5.14/4.12	4.97/5.14/4.12	4.97/4.71/3.81
	FLOW TEMPERATURE (MIN/MAX)	(°C)	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
ERP DATA	ENERGY CLASS - HEATING 35°C/55°C	(°C)	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
	SEASONAL EFFICIENCY (AVERAGE CLIMATE, LT)		4.91	4.82	4.59	4.59	4.86	4.86	4.67
	ANNUAL ENERGY CONSUMPTION (HT) kWh	kWh	1523	3184	4440	4440	5022	5022	6195
	SOUND POWER OUTDOOR UNIT	dB(A)	52	54	56	56	57	57	57

*Data according to EN 14511

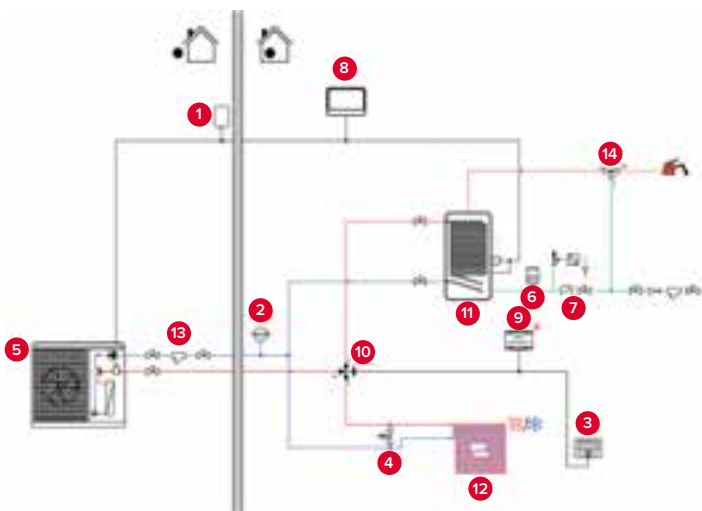
NIMBUS 5 Pocket Indoor Unit

NEW**Technical components included:**

- HMI
- System control electric board

 **Designed for indoor and outdoor installation**

NIMBUS 5 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**

- 1 EXTERNAL PROBE
- 2 EXPANSION VESSEL - HEATING
- 3 SYSTEM INTERFACE
- 4 BY-PASS VALVE
- 5 PCMS5 - EXTERNAL UNIT HHP - MONOBLOC 1-PH OR 3-PH
- 6 EXPANSION VESSEL - DHW
- 7 SAFETY GROUP

Pos. Description

- 8 PCMS5 - LIGHTBOX
- 9 LIGHT GATEWAY
- 10 HEATING-DHW 3-WAY VALVE
- 11 DHW TANK HHP 1-COIL WITH T PROBE AND ANODE
- 12 UNDER FLOOR HEATING-COOLING
- 13 Y-FILTER PCMS5 (supplied with product)
- 14 THERMOSTATIC MIXING VALVE

NIMBUS 5 Pack

Nimbus 5 Pre-plumbed 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
- / 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

35 °C

55 °C

UP TO 10 YEARS WARRANTY

MCS CERTIFIED

CE UK CA

bimobject®

ICIM CERTIFIED PRODUCT

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		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 *	2.41/3.10/3.25	2.53/3.00/2.98	3.21/3.00/2.92	3.21/3.00/2.92	2.99/3.00/2.84	2.99/3.00/2.84	2.97/2.80/2.73	2.97/2.80/2.73
	CAPACITY A+7/W35 (MIN/NOM/MAX) *	1.21/3.00/3.73	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 *	4.82/5.10/4.10	4.97/5.00/4.39	5.48/4.80/4.39	5.48/4.80/4.39	5.00/4.80/4.33	5.00/4.80/4.33	4.81/4.30/4.03	4.81/4.30/4.03
	CAPACITY A+2/W45 (MIN/NOM/MAX) *	1.02/1.90/3.78	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+7/W45 *	3.29/3.20/3.20	3.17/3.10/3.13	3.79/3.15/3.12	3.79/3.15/3.12	3.43/3.40/2.99	3.43/3.40/2.99	3.24/3.25/2.87	3.24/3.25/2.87
	CAPACITY A+7/W55 (MIN/NOM/MAX) *	1.12/2.20/3.94	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 *	2.94/3.10/3.10	3.02/3.00/2.94	3.41/3.00/2.88	3.41/3.00/2.88	3.13/3.20/2.83	3.13/3.20/2.83	2.98/3.15/2.71	2.98/3.15/2.71
	WORKING TEMPERATURE (AIR) MIN/MAX °C	(°C)	-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
ERP DATA	ENERGY CLASS - HEATING 35°C/55°C *		A+++/A+++	A+++/A++	A+++/A++	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++
	DHW ENERGY CLASS		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
	SEASONAL EFFICIENCY (AVERAGE CLIMATE, LT)		4.91	4.82	4.59	4.59	4.86	4.86	4.67
	ANNUAL ENERGY CONSUMPTION (HT)	kWh	1523	3184	4440	4440	5022	5022	6195
	SOUND POWER OUTDOOR UNIT	dB(A)	52	54	56	56	57	57	57
	SOUND POWER INDOOR UNIT	dB(A)	31	31	31	31	31	31	31

*Data according to EN 14511

Nimbus 5 Pack

NIMBUS 5 PACK		30 M	50 M	80 M	80 M-T	120 M	120 M-T	150 M	150 M-T
BUNDLE CODES		4147338	4147339	4147340	4147341				
HOT WATER PRODUCTION (150L)	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	-	-	-	-
BUNDLE CODES		4147342	4147343	4147344	4147345	4147346	4147347	4147348	4147349
HOT WATER PRODUCTION (180L)	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
BUNDLE CODES		4147350	4147351	4147352	4147353	4147354	4147355		
HOT WATER PRODUCTION (210L)	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 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
INDOOR UNIT SOUND POWER (1ZONE/2ZONES) dB(A)	dB(A)	45	45	45



NIMBUS 5 Outdoor units



Small 3-5 kW

Medium 8 kW

Large 12-15 kW

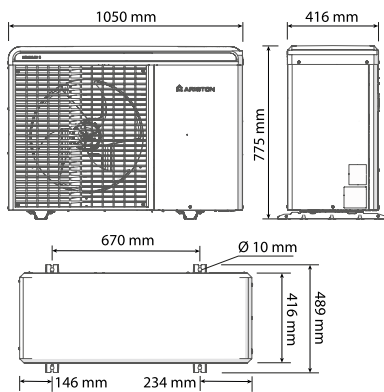
NIMBUS 5 R290		30 M EXT R290	50 M EXT R290	80 M EXT R290	80 M-T EXT R290	120 M EXT R290	120 M-T EXT R290	150 M EXT R290	150 M-T EXT R290
OUTDOOR UNIT									
WEIGHT	(KG)	66	77	101	113	125	139	125	139
REFRIGERANT TYPE		R290	R290	R290	R290	R290	R290	R290	R290
STANDARD CHARGE	(g)	380	660	890	890	1410	1410	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



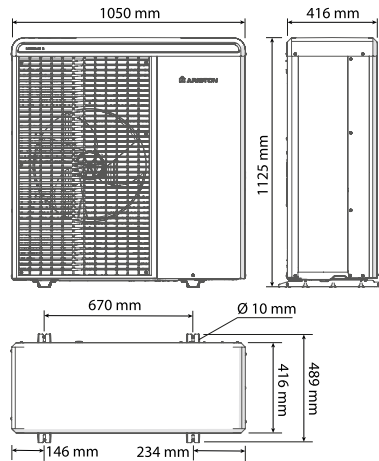
Technical components included:

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

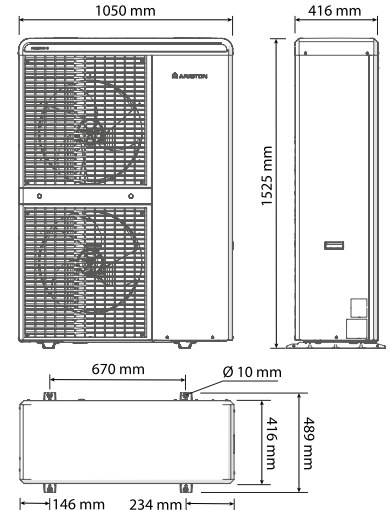
30 M / 50 M



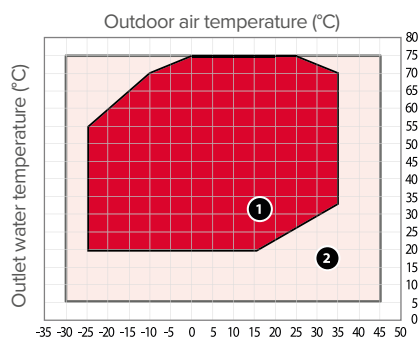
80 M & M-T



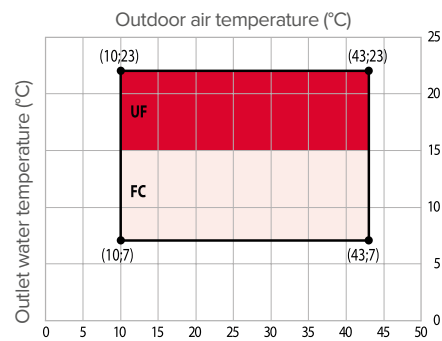
120 M & M-T / 150 M & M-T



Operating limits for space heating



Operating limits for cooling



HOT WATER | HEATING | RENEWABLES

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