



Homeowner NEWQUAY BoilerTech



Bringing true thermal comfort to a Cornish barn conversion with a NIMBUS Pocket heat pump.

Ariston Partner BoilerTech has completed the installation of a NIMBUS air source heat pump at a Cornish property that suffered from years of poor heating performance with the previous heat pump system.

Project overview

The 5 bedroom, barn conversion property is located in the stunning area of Newquay, Cornwall. After suffering poor heating performance for around 12 years with the previously installed heat pump system, the homeowner decided it was time to install a new Ariston NIMBUS Pocket 150 air source heat pump. The Ariston ASHP was installed by long-standing Ariston partner, BoilerTech. Covering the whole of Cornwall, BoilerTech installs new heating and hot water systems and has a team of highly experienced commercial heating engineers to cover a full range of repairs and maintenance.

KEY DATA

Client:	Homeowner, Newquay, Cornwall
Contractor:	BoilerTech
Sector:	Housing
Project:	Replace failing ASHP installation
Year:	2024
Technology:	Air Source Heat Pump
Product:	NIMBUS Pocket M NET R32 150

Comment

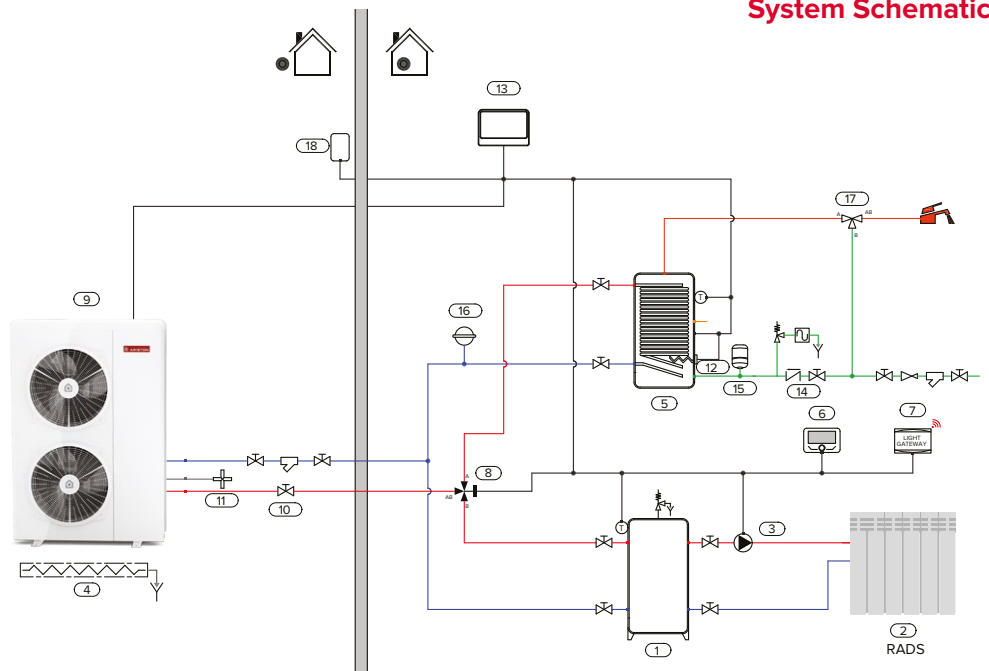
“ This is our first installation of an Ariston heat pump system. We were extremely impressed with how easy the whole process was and the homeowner was really pleased with the final installation. ”

Andy Griffiths,
Heating Engineer,
BoilerTech



Pos.	Description
1	Buffer tank 4 attacks with T probe
2	Radiators
3	Circulator generic - 3 wires
4	HE kit below odu + drain pan
5	DHW tank hhp 1-coil with T probe and anode
6	System interface
7	Light gateway
8	Heating-dhw 3-way valve
9	External unit hhp - Monobloc 1-ph or 3-ph
10	Kit valves and filter
11	Kit anti-freeze
12	Kit he idu fs 2 kw
13	Lightbox
14	Safety group
15	Expansion vessel - DHW
16	Expansion vessel - heating
17	Thermostatic mixing valve
18	External probe

- This schematic has to be considered as example of the system functionality only and does not replace design by a qualified technician;
- The final schematic must be prepared respecting all the laws, norms and decrees in force, in order to facilitate a correct installation in compliance with the rule of the art;
- For the proper functioning of all system components, follow the instructions in the design, installation and user manuals provided by the manufacturer;
- This outline may be amended by the Ariston Group at any time without prior notice.



Designed by macrovector. www.freepik.com



Andy (L) - Dean (R)

Installation

The installation process involved the removal of the old ASHP, a rewiring of the system, set-up of zoning in the house and the installation of the new Ariston ASHP and associated controls. Andy Griffiths of BoilerTech commented “This is our first installation of an Ariston heat pump system. We were extremely impressed with how easy the whole process was and the homeowner was really pleased with the final installation.”

Dean Reynolds from BoilerTech continued, “The family had even considered replacing the existing heat pump with a gas boiler because they had suffered with years of poor performance from the original system. However, with a complete overhaul of the wiring and zoning for the new heat pump, the homeowner is over the moon”

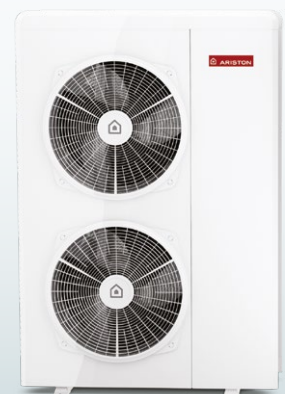
Featured product:

NIMBUS Pocket M NET R32

This new heat pump is a cutting-edge solution for heating and cooling 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 make installation, set-up and maintenance easier than ever.

Nimbus NET R32 is available in a large choice of configurations and sizes to meet diverse installation needs.

- / Eco Refrigerant R32 / COP up to 5.1
- / Low noise levels up to 53 dB(A)
- / Power range between 1.7 to 17.7kW
- / Modern and innovative design
- / Sensys NET HD system interface and external heat regulation sensor included as standard
- / Remote management with the Ariston NET app
- / Completely installable outdoor
- / PV function



Potential savings

Matt Dunne, Area Sales Manager of Ariston commented, “The team at BoilerTech did a great job reviewing the whole system. What first appeared to be a like for like heat pump replacement actually required new wiring and correct set-up of zoning for the house. The property will now benefit from better heating performance and excellent thermal comfort for the family. The efficiencies gained from the right installation and zoning mean the homeowner could expect to see energy and cost savings of up to 20% when compared to the old system”.



Terry Green (Homeowner) pictured with his new Ariston heat pump

Testimonial

“ Having had experience of living with a heat-pump in various properties over the last 12 years, I feel I’m qualified to say the Ariston heat pump has surpassed my expectations. The Nimbus Net R32 really is everything they say it is: Energy efficient. Extremely quiet. Powerful. Controllable.

“The Ariston Net app not only allows me to be in control remotely but I’m able to monitor consumption in real time as well.

“Massive thank you to Matt (Ariston) and Dean & Andy (BoilerTech). Their ability to problem solve, integrating the heat-pump to my existing system was superb. Extremely professional from start to finish.”

Terry Green,
(Homeowner)



Control centre



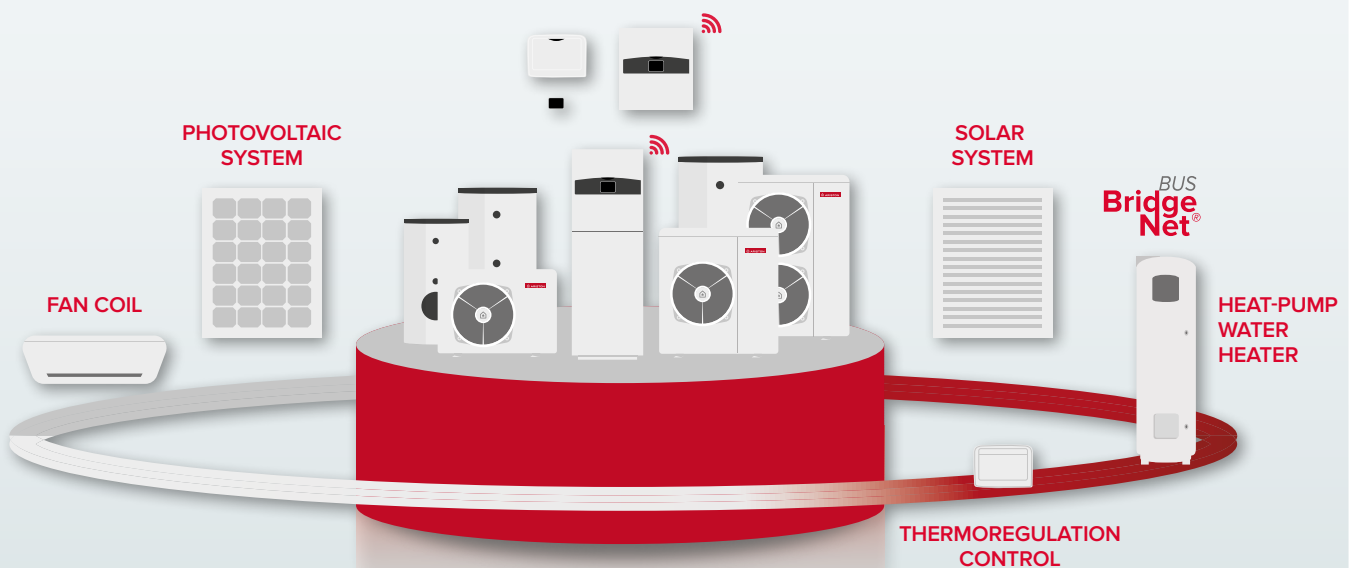
Old heat pump

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- / **Maximum Flexibility** - Endless choices
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- / **Sustainable Performance** - A more energy-conscious home
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