

Pipelife inova

INDOOR HEAT PUMP



Designed for the Future. Built to Perform.

INDOOR HEAT PUMP FOR IRISH APARTMENTS

The Pipelife Inova Indoor Monobloc Heat Pump is a compact, fully indoor solution designed to simplify heat pump integration while meeting the performance and reliability requirements for Irish Apartments.

Delivering up to 3.2 kW heating capacity, the system uses R290 refrigerant to achieve high efficiency with a low global warming potential.

All refrigeration components are contained within the indoor unit, eliminating the need for an external unit. Air is ducted to outside via Ø150 mm or 220 × 90 mm ductwork, with the system tested for performance at duct runs up to 10 m from the external wall. This makes the Inova particularly well suited to apartments and low energy dwellings.

The system provides both space heating and domestic hot water via a 200L pre-plumbed Pipelife cylinder. The Inova heat pump is compatible with radiators and underfloor heating systems. By remaining independent of ventilation systems, it avoids over-ventilation and design complexity.

Remote access is included as standard, supporting monitoring and commissioning efficiency.

KEY FEATURES

- 3.2kW Heating Capacity
- Low GWP (Global Warming Potential) R290 Gas (450g)
- No Outdoor Unit – 150mm/220X90mm duct to outside
- Tested with up to 10m ducting from external wall
- Provides Space Heating & Hot Water
- 200L Pipelife Pre-plumbed cylinder
- Compatible with radiators & UFH
- Remote access as standard
- Does not integrate with ventilation
 - No over-ventilation, no complication



PART L COMPLIANCE

The Pipelife Inova Indoor Heat Pump is specifically engineered to help developers achieve compliance with TGD Part L of the building regulations, supporting improved energy efficiency and optimal heating & hot water performance across residential projects.



HOT WATER

- 🍃 Air to Water Heat Pump
- 🍃 EN16147 Tested
- 🍃 Low Standing Losses
- 🍃 106.9% DHW Efficiency
- 🍃 Pre-plumbed 200L Cylinder
- 🍃 Duplex Stainless Steel Cylinder



HEATING

- 🍃 Air to Water Heat Pump
- 🍃 EN14825 Tested
- 🍃 SCOP OF 4.7 @ 35C
- 🍃 3.2kW Capacity
- 🍃 No Outdoor Unit
- 🍃 Low GWP R290 Gas



VENTILATION

- 🍃 Provided by either a cMEV or MVHR System
- 🍃 Heating/DHW System separate
- 🍃 Zero chance of over-ventilation
- 🍃 Simple commissioning
- No mixed airflows



RENEWABLES ENERGY

- 🍃 RER of 0.2 can be achieved in most apartment applications without additional PV requirement.
- 🍃 Pipelife can model compliance in DEAP



Designed for Modern Apartment Living

The Inova system was developed to address several key challenges:

- Changing F-Gas regulations and shift to lower-impact refrigerants
- Increasing apartment density and space constraints
- Demand for simpler, more efficient building services

By using R290 refrigerant, the system future-proofs developments while maintaining high performance.

Installation & Design Benefits

- Greater layout flexibility – unit location is not tied to external walls
- Standalone operation – no need to integrate with ventilation systems
- Reduced energy risk – avoids over-ventilation seen in some alternative systems
- Decentralised solution – one unit per apartment

The system is also ideal for modern methods of construction (MMC) and modular builds, allowing pre-installation off-site to improve quality and reduce build time.

Performance & Compliance

- EcoDesign tested (EN14825 & EN16147)
- Supports Part L compliance, often without requiring PV
- Designed to meet heating and hot water demands for most Irish apartments

Performance will still depend on individual building characteristics such as insulation and airtightness.



Why It Stands Out

The Pipelife Inova is built around real-world apartment challenges—focusing on:

- Simplicity of design and installation
- Space efficiency
- Regulatory compliance
- Long-term energy performance

It offers developers a flexible, low-carbon solution that aligns with modern construction and sustainability goals.

Support & Expertise

Pipelife provides full project support, including:

- Design guidance
- Technical assistance
- On-site support
- Design indemnity and product liability cover

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