VIESMANN

ENERGLAZE
HOME ENERGY UPGRADES

AIR SOURCE HEAT PUMP

Create a comfortable, economical, low carbon home.

If your home was built before 2011, you are now eligible for generous grants from the SEAI to retrofit a heat pump.

VITOCAL 222-A
Air to Water Heat Pump

The Vitocal 222-A monobloc heat pump uses the heat contained in the outside air in an environmentally friendly and cost-effective manner. It can heat and cool. The compact unit has an integrated 220 litre DHW cylinder.

- German Engineering
- 5-year Warranty
- EHPA seal of approval

How Do Heat Pumps Work?

Heat pumps work by extracting the air from outside the home, transferring it indoors at a warmer temperature, powered by electricity.

Heat pumps contain a fluid that absorbs heat from the air and is then compressed which raises it to a higher temperature. This heat from the fluid is then transferred to water in your heating system, including underfloor heating , radiators and your hot water tank.

Benefits Of A Heat Pump:

- **More comfort for your home**
- **Cheaper heating bills**
- **Reduced emissions – no more fossil fuels**
- **Long life span**

The SEAI currently offers a **grant of €3500** towards your Heat Pump. Once installed, heat pumps are on average 30% cheaper to run than traditional gas or oil boilers and make a wonderful low carbon emission alternative. Heat pumps are easy to use, require minimal maintenance and have a longer lifespan than conventional boilers.

To get optimal performance from a heat pump, your home must be relatively airtight, this is necessary to ensure your electricity bills are low. This can be achieved by insulating your home and/or upgrading your windows. (The SEAI also off a grant for insulation)

HOW TO KNOW IF YOUR HOME IS SUITABLE FOR A HEAT PUMP

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Before applying for a heat pump system grant, you must engage an independent, SEAI Registered Technical Advisor. (€200* grant available)

seai
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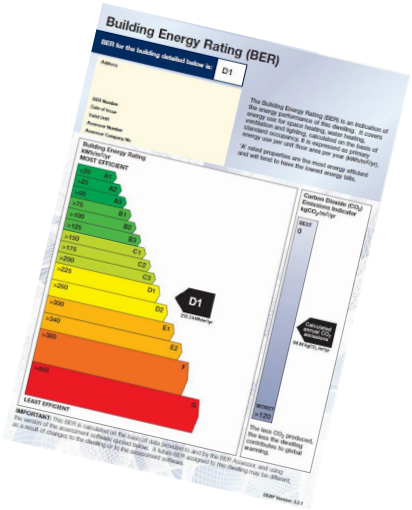
Your Technical Advisor will carry out a technical assessment of your home, and will advise you on what steps to take to make your home "heat pump ready", i.e. to reduce the heat loss in your home.



They will provide you with independent guidance on measures necessary to ensure that the dwelling fabric heat loss is lowered to an acceptable level for a heat pump system to perform effectively and efficiently.

The required heat loss level is expressed as a Heat Loss Indicator of 2 Watts/Kelvin/m^2. In some cases, where upgrades may not be cost-optimal, a value of HLI up to 2.3 Watts/Kelvin/m^2 can be accepted provided additional requirements are met. Full details of these requirements can be found in the SEAI Domestic Technical Standards and Specification and should be discussed with your Technical Advisor.

Homes Built Between 2011–2020
Heat Pump ready - No grant available

Homes Built Between 2010–2011
Heat Pump ready - Grant available

Homes Built Between 2005–2009
More likely to require one or more of the following measures

- Attic Insulation
- Cavity wall Insulation
- Windows/glazing Updated
- Doors Updated

Homes Built Between 2000–2005
May require one or more of the following measures:

- Attic Insulation
- Cavity wall Insulation
- Windows/glazing Updated
- Doors Updated

Homes Built From 1980–1999
May require a deep retrofit which could include:

- Windows Updated
- Doors Updated
- Attic Insulated
- Walls Insulated
- Air Tightness Measures
- Mechanical Ventilation

Homes Built Before 1979
Generally not suitable for a heat pump.
Full technical BER survey recommended

Minimum

HLI 2W/K/M^2

HLI = Heat Loss Indicated

***The value of the grant is €3,500.**
In order to get the grant an SEAI technical advisor ***must*** assess the fabric of the house to calculate the ***Heat Loss Indicator.*** They charge between €400-800 for this assessment - homeowners can claim €200 of this back once they have successfully claimed the grant.