Complete Electrical, Mechanical & Renewable Energy Solutions

Our Knowledge. Your Benefit.

Complete Electrical, Mechanical & Renewable Energy Solutions
Energywise Ireland offer the full Mechanical, Electrical, Ventilation and Refrigerant services from design right through to installation and finally the commissioning of your project all under the one roof. We also offer an aftercare service to ensure units are running to their maximum efficiencies.

We can take care of your project from concept to completion. Our familiarity with the latest M&E technologies ensures that we bring you the best quality products on the market. Our innovative design team will provide you with drawings of the entire electrical, heating and ventilation systems in your project.

We are renowned for our outstanding installation service with a dedicated project manager assigned to each job. This level of commitment ensures seamless installation of the building systems and ensures a successful completion.

We can provide an aftercare package for the annual servicing of units which give peace of mind that your unit is operating to its maximum efficiency and carry out preventative maintenance where required.
Our innovative design team will provide you with drawings of the entire electrical, heating and ventilation systems in your project. These drawings allow for seamless installation of all the building systems which ensures a successful completion. The design of the mechanical and electrical services allow you to visualise your building services and helps your project comply with the building regulations.

We can help you to comply with Part F & L of current building regulations. Our team at Energywise can give excellent guidance and advice on how to achieve compliance in the most cost effective manner. Why not email us your drawings and we can provide you with a free advice and a free no obligation quotation?

Ancillary Certification
As an assigned certifier Energywise can provide the necessary ancillary certification and opinions of compliance in accordance with the current Irish building control regulations. Energywise have full professional indemnity insurance.

Heat pumps are considered one of the most energy efficient products for heating homes and domestic hot water today.

Air to water heat pumps are fast becoming the heating system of choice for homeowners.

Daikin are both Ireland and Europe’s number 1 selling heat pump and Energywise are the largest installer of Daikin heat pumps in Ireland.

Daikin have over 450,000 air to water heat pumps sold in Europe.

Daikin heat pumps are efficient and dependable, offering worry-free comfort. They have more than 50 years of experience in the production of air source heat pump systems, manufacturing over a million units a year for residential and commercial applications.
DAIKIN SPLIT INTEGRATED HEAT PUMP

Energywise’s most popular air to water heating system is a split integrated system. The split integrated system transfers heat from the outdoor heat pump to the indoor unit through refrigerant gas.

This is more efficient than the monobloc system which transfers heat through water. The split integrated system has a small indoor footprint, it combines the hot water cylinder and the hydrotap in one sleek floor standing unit. Stacking the hot water cylinder and the indoor unit eliminates piping and reduces heat loss between the two units.

This floor standing configuration results in a compact footprint and drastically reduced installation times due in part to plug-and-play couplings. A programmable commissioning function for underfloor heating will gradually increase the system’s water temperature in time blocks of up to 72 hours to allow for proper screed drying.

DAIKIN ALTHERMA 3 – R32

Altherma 3 is the new generation of Daikin heat pumps.

The new R32 unit sets the new heat pump standard. It is unique on the market.

The Bluevolution technology combines very high efficient compressors developed by Daikin with the future of refrigerants R32.

Your energy bill will be limited thanks to the heat pump’s top efficiency, labelled with the highest energy class, up to A+++.

It is the first air to water heat pump running on the new R-32 refrigerant. R-32 is the refrigerant with the lowest GWP (global warming potential). It heats up your house and provides your family with hot water, while reducing CO2 emissions to the maximum!
**DAIKIN HYBRID HEAT PUMP**

Heat Pump And Gas Condensing Boiler In One, The Best Of Both Technologies!

The Daikin Hybrid Heat pump is a unique combination of a high efficiency gas condensing boiler and a renewable energy air to water heat pump. It has the best of both technologies. Unlike other available boiler-heat pump combinations, it works in series rather than in parallel. This means the flow of one can feed into the return of the other in certain economical operating modes.

Why would you choose a Hybrid heat pump?

This is an applicable technology for existing homes where there is already a gas supply and the existing heating system needs an efficiency upgrade. The Daikin Altherma hybrid heat pump is ideal for replacing on-gas and LPG boilers as there’s no need to replace existing radiators and pipework. The Hybrid is most suited to properties with heat loads from 12kW-20kW, but can cover heat loads up to 27kW.

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**GENVEX HEAT PUMP CYLINDER**

The heat pump for hot water

The Genvex heat pump cylinder is one of the most efficient water heater heat pumps in Europe and lends itself to a variety of installation options and configurations. It has the capacity to produce 800 litres within a 24hr period, and heat to a temperature of 52.5°C on the heat pump.

The energy-saving potential of the Genvex HPC is up to 65% with ducted connections to the heat pump to ensure heat is taken for the desired location without removing heat where it is needed. With the built in boost heater, the water can be further heated up to 80°C.

It’s size ensures that there is enough volume to allow ample supply for all users. Its high quality construction gives peace of mind to the consumer. Install locations may include a boiler room, garage, airing cupboard, loft space, utility room, space server rooms, office wash rooms and kitchens.

The Genvex heat pump cylinder is especially suitable for home that only have an immersion heater to heat the water. It is also suited to dairy farms for hot water production. The heat pump is so well insulated, test show losses of only 0.7kWh/24hrs.
Underfloor heating is a very clean and simple form of heating, ideally suited to today’s well-insulated, low-energy and airtight buildings. An underfloor heating system takes advantage of one of the most basic laws of physics – which is that heat rises. Underfloor heating is the oldest form of central heating, the Romans used a form of underfloor heating called hypocausts, which heated buildings and baths.

Underfloor Heating systems goes hand in hand with heat pump installations. An underfloor system heating circulates low temperature water. Most conventional heating systems circulate warm water, usually between 50ºC to 80ºC whereas an underfloor heating system circulates water between 25ºC to 40ºC. A heat pump is most efficient when heating water at lower temperatures, the heat pump efficiency goes up bringing your running cost down.

Comfort & Health
Since radiant heat is the most natural and comfortable form of heating, an underfloor system will provide true comfort levels, giving a gentle feeling of warmth throughout your home.

An underfloor heating system reduces the circulation of airborne pollutants. It also helps to reduce house dust mites as the moisture content is too low to allow dust mites to live. This is great news for anyone with allergies or asthma.

Energywise’s superb range of standard & low temperature aluminium radiators are designed to combine aesthetics, performance and a high level of comfort. The reduced water content in aluminium radiators ensures the system responds with the maximum speed at the slightest change in temperature. Also the reduced water content means that they are more efficient than traditional steel radiators. They can be installed in conventional heating systems as well as low temperature systems using heat pumps and condensing boilers.
Energywise source our heating controls from Heatmiser, the leading manufacturer of heating control systems.

What is heating control?
Let’s think for a moment how it would be to have a single light switch for the entire house – it really doesn’t make sense does it? However, until recently, a single heating control would have been accepted. Adequate heating controls can help a homeowner to accurately match your space heating and hot water schedules to the working and living patterns in their homes i.e. when heat and hot water are required, it is there; when it is not, it is turned off.

Zoning Your Heating System
Heating is usually divided into areas (zones), such as the kitchen, living room, office and bedrooms etc. This means that you can control the temperatures in each room, so you can set the system to suit your daily needs. Therefore, you only heat the rooms you need, when you need them to be heated.

SEAI On Heating Control Systems
SEAI have stated that typically homeowners can reduce their energy usage by up to 20% by installing heating controls in their home and using these controls in an efficient manner. They have highlighted the opportunity for the customer to save money on their heating bills and reduce fuel consumption by using a heating control system.

Heat recovery ventilation, also known as HRV or MVHR brings fresh air into your home. It removes the odour and humid air from kitchens and bathrooms and it brings fresh preheated air to living and bedrooms areas. The heat from the extracted humid air is transferred to the fresh incoming air. As much as 95% of the normally wasted heat is being recovered.

Now days buildings are now a lot more insulated and air tight, so it is vital that a suitable ventilation system is in place. With the current building regulations, installing a heat recovery unit is becoming a necessity rather than a choice. It is important that you have adequate air supply to all rooms and extraction from bathrooms and kitchens. Insufficient ventilation can lead to mould growth, condensation damage and unhealthy living conditions.

At Energywise Ireland we design, supply and install these systems in homes and commercial buildings. Our team at Energywise can advise you on the most suitable ventilation system to match your home’s airtightness level.

Why not email us your drawings, our experts will design your system for you and provide you advice and a free no obligation quotation?
The Genvex ECO 375 is a heat recovery ventilation unit with a highly efficient counterflow exchanger that has a temperature efficiency of up to 96% and fans with energy saving EC motors. The Genvex ECO 375 is typically used in homes or small businesses where comfort and low energy consumption are priorities.

The ECO 375 stands out by being particularly optimised for low energy consumption and adapted to meet the stringent requirements of the forthcoming building regulations. Despite the compact dimensions that fit a standard 60x60 cm module, the performance of ECO 375 is comparable to systems requiring much more space.

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GENVEX COMBI

Combines Heating, Cooling, Ventilation and Hot Water in one unit

What is the Genvex Combi?
The Genvex Combi is a passive certified combined heat recovery ventilation unit with air-source heat pump and integrated hot water cylinder. It uses the recovered heat from the HRV that otherwise would be wasted to heat the 185 litre water tank.

One system, Countless features
The Genvex Combi is not just a heat recovery ventilation system. It is an all in one total solution combining heating, ventilation and production of sanitary hot water. It utilises the waste heat from the exhaust air to produce sanitary hot water.

Pleasant & healthy indoor climate
Our Genvex Combi ensures a daily air exchange with the removal of dust particles, smells and excess humidity in exchange for a pleasant and healthy indoor climate.

Heating & cooling
When it is hotter inside than outside the house, a built-in bypass lets cool air directly into the house. It also has the ability to heat and cool the house using its built in air-air heat pump.
What is Solar PV?
Solar PV turns sunlight into electricity which you can use to run your home. With integrated battery storage, energy collected during the day is stored and made available any time, effectively powering your home completely from the sun.

Electricity prices are increasing and in the summer of 2018, all energy providers increased the price of electricity by at least 6%. This is on top of a previous 6% hike in 2017. Based on SEAI calculations, an average home in Munster can save up to €547 per year off their electricity bills by installing solar PV. Including battery storage could save 70% off your electricity bills.

Battery Storage
With Battery Storage, energy collected during the day is stored and made available at peak demand times in the morning and evening. With a combination of Solar PV and Battery storage, it is possible to power your home almost completely from the sun.

You can even use your solar pv and battery to power your home during a power cut.

EV Chargepoint Installation
If you own or plan on getting an Electric Car, we can supply and install an EV chargepoint and provide the necessary paperwork to qualify for the SEAI EV Chargepoint installation grant of €600.

We use Zappi 7kW EVSE which charges 2X faster than standard 3kW EV chargers commonly installed. The Zappi also has an Eco and Eco+ mode which can use your excess Solar PV energy to charge your Electric Car making it possible to charge your car for free using energy from the sun.
ABB Free@home Home Automation makes home automation more affordable and easier than ever.

Connect everything with everything

ABB-Free@home is a home automation system that turns your home into an intelligent home. Your home has a lot of different systems such as lighting, heating, ventilation, solar PV panels. With ABB-free@home all these systems in your home can be managed automatically – according to time plan, temperature and movement detector – or be called up at the touch of a button. ABB-free@home connects everything with everything. The entire home is under your control and can be controlled via a smartphone or tablet.

ELECTRICAL & PLUMBING SERVICES

Energywise is proud to be recognised as a company with an renowned reputation for high quality electrical and plumbing services. We offer a complete solution to our customers for new builds and retrofit projects. We provide you with fully registered tradesmen with a high professional standard to meet all your electrical and plumbing needs.

We offer a fully co-ordinated service for your project, we can be your one point of contact for all trades. With our own in house design team and experienced engineering managers we provide our clients with a one-stop approach through a coordinated design process, professional project management and full commissioning.

Energywise eliminate the need for time consuming phone calls and meetings with several companies to co-ordinate your electrical, plumbing and heating services. We take the hassle out of dealing with multiple contractors, each project is assigned a project manager who will be the one point for contact for all plumbing and electrical needs of your project. The project manager oversees the progress of the project and handles any changes that may occur, communicating with the different teams. We bypass the difficulties of getting various tradesmen on site together. The project manager is always on hand to reassure clients, answer any queries, and coordinate your project from the design phase to installation.
On completion of a project you need the reassurance that someone is on hand should anything go wrong. We’re committed to providing the best aftercare services to meet your project needs, so you can be rest assured that we will take care of everything.

We can provide an aftercare package for the annual servicing of units which give peace of mind that your unit is operating to its maximum efficiency. You have the reassurance that the work carried out on your home or business is being done by qualified professionals who are familiar with the system.

All our work is carried out to highest safety standards and meet current regulations to offer you satisfaction and peace of mind. Energywise Ireland is registered and insured with Registered Gas Installers (RGI), Safe Electric, Fgas and all governing authorities.

In our showroom you will find a wide range of products on display, including working models such as an air to water heat pump, underfloor heating, heat recovery ventilation, solar PV, aluminium radiators, LED lighting display, home automation display and many more.

Energywise customers have found our showroom very useful over the years. In our showroom they have an opportunity to see the particular products they are interested in and get a great understanding of how the product will work for them. Our customers get to see the products actual size, the noise levels, and how the product will be integrated into their building.

Energywise trained technicians are there to talk you through the systems and give advice on any stage of your project along with providing you with a no obligation quotation.
TESTIMONIALS

What our customers have to say...

“I had been researching the new developments in renewable energy for a couple of years in preparation for my build. I met the Energywise Ireland team at their showroom in Blackpool in Cork City and found the team to be very knowledgeable. From the initial enquiry stage right through to the after care service has been of the highest quality and the ability to pop into the showroom at any stage is very reassuring. The team provided me with design drawings in advance of all works which gave me great assurance that I knew exactly what was being done in advance. The house is always very comfortable and we can’t believe how fresh the air is within our home. Our running costs have been very low to date and we are looking forward to a lifetime of comfort in our new energy efficient home.”

Liam, Blackpool, Co.Cork

“Energywise were competitively priced at 15-20% lower than other suppliers offering similar services. They took the time to take us through the new systems being installed and the benefits and cost efficiencies of same. Energywise were extremely professional and knowledgeable. We are blown away by the perfect fresh air and heat balance that the combination of systems has achieved. The house temperature remains at 20 degrees which is a blissful living environment for an Irish winter. Thanks lads for making our self-build easy!”

Sonia, Fountainstown, Co.Cork

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David, Trolee, Co.Kerry

“Energywise how can we possibly thank you enough! We can now enjoy our home with a cosy warmth. We have an evenly distributed heat passing through our house every day. The heat pump itself is so quiet that family and friends visiting have often wondered how the house was kept so comfortable. To our surprise, our total electricity bill for our 3000 sq ft house was €1,800 for the year. This covered our domestic hot water, heating, cooking and general electric usage. The savings are great! After our utility calculations we are now paying a substantially lower percentage which is just brilliant. Energywise, you have made our future look very bright. Thank you.”

Richard, Ardfert, Co.Kerry
Seeing is believing!

Energywise Ireland invites you to our Energy Saving Showroom in Cork. Here you can see a wide range of our products and get more information about what products and services would suit your project.

Come and visit our showroom in Cork
Open daily from 9:00am - 5:30pm

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