



FIND OUT MORE

# EVERYTHING YOU NEED UNDER ONE ROOF

YOUR ONE STOP SHOP FOR DESIGN AND  
SUPPLY OF SYSTEMS FOR NEW HOMES

## HEAT PUMPS



## UNDERFLOOR HEATING



## MHRV (MECHANICAL HEAT RECOVERY VENTILATION)



## RADIATORS



In partnership with

**Polytherm**  
Heating Systems Ltd.

origen

**TUBE CO**  
TUBE COMPANY OF IRELAND

**ALUMINOX**



# HEAT PUMPS

Origen Energy Ltd. is one of Ireland's foremost renewable energy and engineered solution companies providing bespoke solutions for your needs.

We assist, homeowners, plumbers, installers, designers, consulting engineers, architects and other industry professionals with design inputs into the most effective heating and cooling solution for their project – we offer this value added service as a key element of our equipment supply.



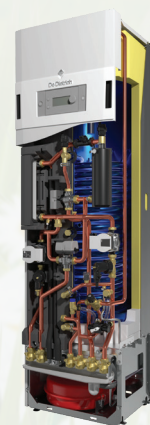
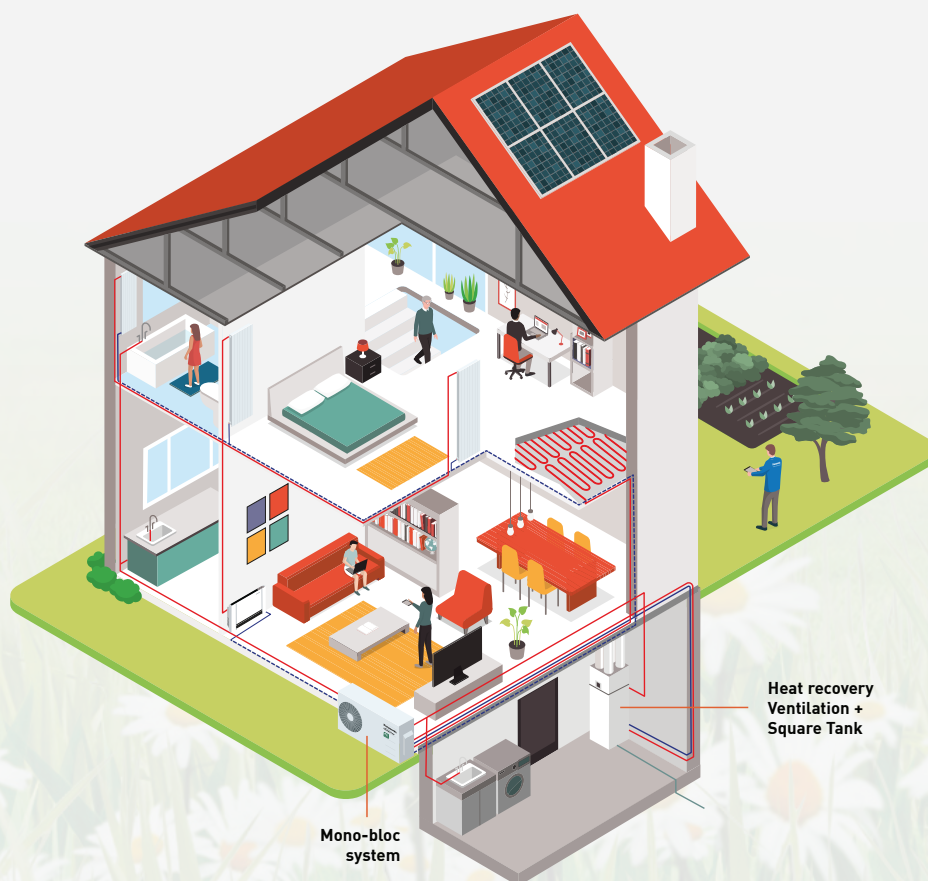
## Heat Pump Technology:

The heat pump is a highly efficient heat generator and supports the idea of ecological sustainability. Through intelligent use of Ground, Air and Water as freely available renewable resources, the heat pump makes an active contribution to environmental protection and at the same time makes the user independent of fossil fuels and finite energy sources.



For **NEW BUILD, RENOVATION** and **BUILDING UPGRADES**, thanks to intelligent operating concepts and various systems combinations, with Panasonic and DeDietrich heat pumps, you are making a sound decision for the future.

The most important two reasons for using a heating pump in your project is improved comfort and reduced fuel bills for your future.



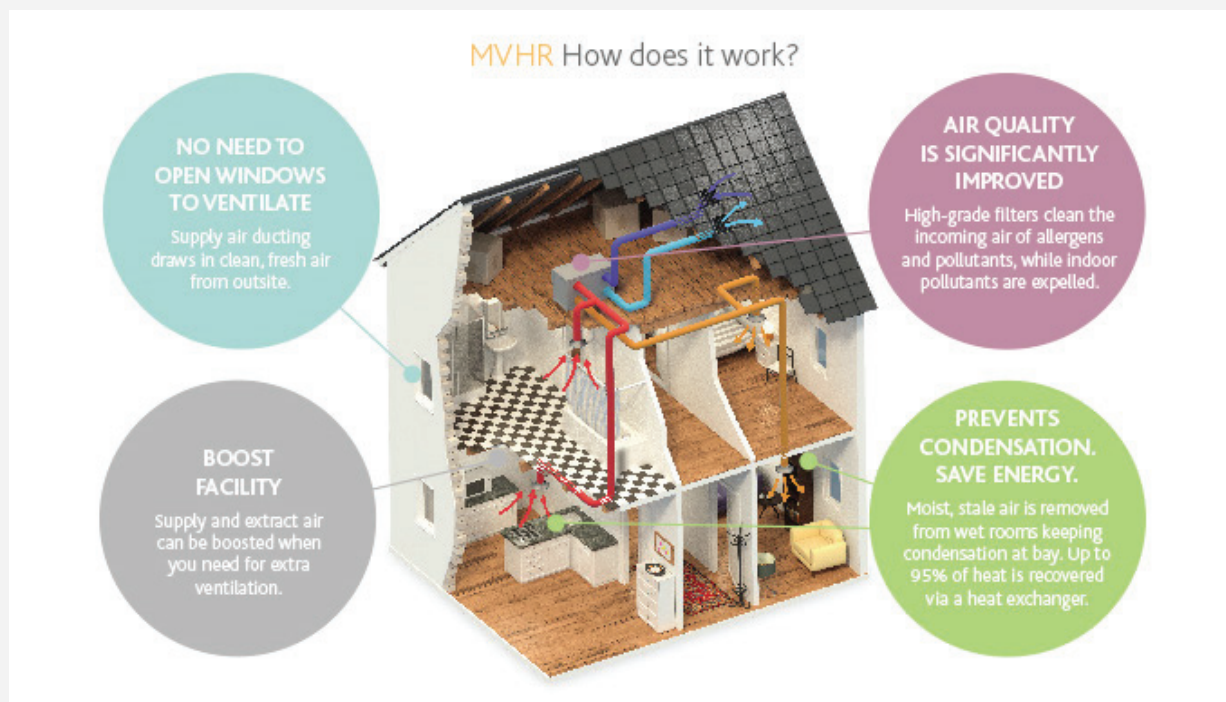




# MVHR (Mechanical Ventilation with Heat Recovery)

## Mechanical Ventilation with Heat Recovery (MVHR)

With legislation and building regulations for low leakage rates, air-tight buildings may lead to poor indoor air quality. Hevac Ventilation offer high quality and innovative solutions designed to suit the size and scope of your project using Nuaire's award winning range of MVHRs. They will quietly and effectively provide fresh, filtered air all year round. MVHR systems will retain heat that would otherwise have been lost to the outside.



## Design Service

Hevac offer expert advise and support on your ventilation design. Services include Part F Building Regulations compliance check, 2D/3D drawings to show choice of product with a complete parts list of ducting and ancillaries. This enables correct selections whilst aiding project management and site control.



## The Products

Offering the widest range of 95% efficient heat recovery systems in the market, specifically designed to meet building regulations with the best SFPs/SAP Q scores. With a range of compact wall and loft units and a variety of ducting options to suit every size and type of property.



## Controls

The stylish touch screen controller has been designed to make controlling your MVHR ventilation system simple, for both the installer and the end user.





# UNDERFLOOR HEATING

Polytherm heating Systems Ltd. is Ireland's leading underfloor heating specialists, supplying bespoke heating solutions nationwide

Our design and supply business model for underfloor heating systems ensures value engineering and holistic design to the residential, commercial and industrial sectors. This is achieved through the use of design engineers, CAD technicians and system specialists.

The focus of Polytherm Heating Systems is to provide quality systems that offer maximum efficiency and comfort. Established in the middle of the 90's, with this level of experience we can confidently implement your needs into a system designed bespoke for your new home.

Trusting us with your home heating needs, gives you our experienced staff, you can be confident in the technical process that we go through, to ensure your new home has everything designed in accordance with the latest building regulations, and the most advanced materials available. Polytherm has a history of supplying the best quality European materials as part of the system, always with one eye on the home owners own personal requirements.

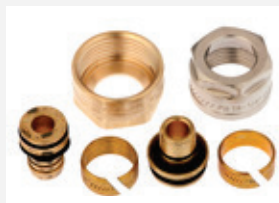
Polytherm's Underfloor heating in today's built environment has many advantages:

- a.** Hidden Heating (No intrusive radiators)
- b.** Healthier environment for allergy sufferers
- c.** Economic to run, due to the low temperatures required
- d.** Specific temperature requirements can be adhered to in each room
- e.** Comfort - the temperature distribution is more even
- f.** Interior decoration is easier, with all wall space free to use
- g.** Reduced dust circulation

In today's world, low energy housing is a must due to the building regulations and our commitments to reduce greenhouse gasses moving toward the future. Underfloor heating by the nature of its low running temperatures is more efficient than traditional heating systems. Lower temperature is key to achieving high performance when using in conjunction with heat pumps and key to lower fuel bills

Underfloor heating, by its nature future proofs your home for any future improvements in technology and at the same time offering you the most cost effective way to heat your home.

For Polytherm's staff, it is a matter of pride when we see a new home planned and finished in the correct manor, not only for our planet but for the more immediate reasons, comfort, efficiency and reliability. It is on this ethos, Polytherm has been built and continues to grow with you and your family.



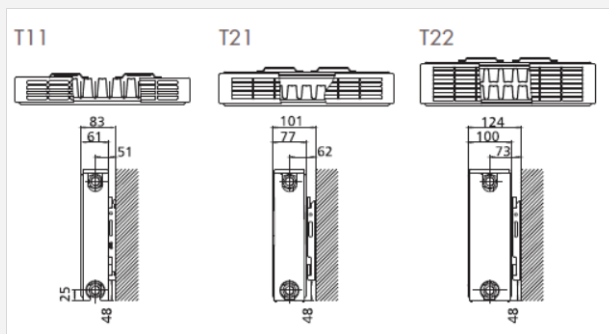




# RADIATORS

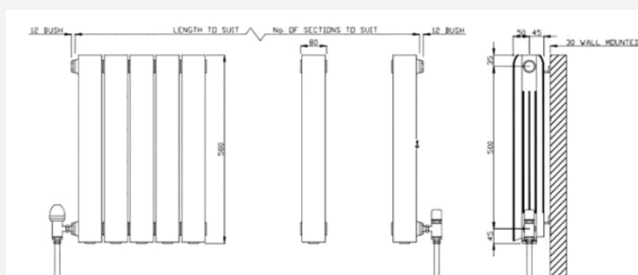
## Henrad Compact

- 4x ½" BSP Tappings to allow flexibility of connection
- Tested to withstand Maximum working pressure of 10 bar
- RAL 9016 Traffic White
- EN442 approved
- 10 year manufacturer's warranty



## Faral Alliance Aluminium Radiator

- 4x ½" BSP Tappings to allow flexibility of connection
- Tested to withstand Maximum working pressure of 6 bar
- RAL 9010 White
- EN442 approved
- 15 year manufacturer's warranty





Our people have had experience in design and supply of materials for over 40 years. With the development of technology, and more strict building regulations, our group has widened its scope of business to offer services across all sectors.

Renewables in the form of heat pumps, heat recovery ventilation and underfloor heating are all contained under the one roof. We protect our customers from the unknown through, continuous training and innovation offering all aspects of renewable energy and associated parts from our 3 facilities in Cork and Dublin.

Within our group we have experts in all areas of building services, in-house engineers who are embedded in the business of designing, supporting and helping you as a customer.

Our standard procedure is to look at each individual project and design a system specific to the client's request.

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