

Think Renewable **Think Heat Merchants**



HEAT MERCHANTS 
RENEWABLE ENERGY 



Solar Panels



Heat Merchants Pro Solar

Available in two sizes, which can be fitted with up to 6 panels in series on roof, there is a system to suit all applications, all tastes and all pockets. These systems are approved for use by SEI (Sustainable Energy Ireland) and are tested by the SPF institute in Switzerland to the highest and most rigorous European testing standards, EN 12975.

Absol NSAI Approved Solar Panels

Available in two sizes, can be fitted on roof or integrated into the roof with a flashing kit. These systems are approved for use by SEI (Sustainable Energy Ireland) and NSAI (for on roof) and are tested by the SPF institute in Switzerland to the highest and most rigorous European testing standards, EN 12975.



Worcester Bosch Solar Panels

Available in two sizes, can be fitted on roof or integrated into the roof with a flashing kit, and fitted portrait or landscape style. These systems are approved for use by SEI (Sustainable Energy Ireland) and are tested by the SPF institute in Switzerland to the highest and most rigorous European testing standards, EN 12975.



Baxi In Roof Solar Panels

Available in one size only specifically to be integrated into the roof with a flashing kit. These systems are approved for use by SEI (Sustainable Energy Ireland) and are tested by the SPF institute in Switzerland to the highest and most rigorous European testing standards, EN 12975.

Evacuated Tubes



Kingspan NSAI Approved Evacuated Tubes

The first NSAI approved solar product, a high quality evacuated tube system, with patented anti stagnation device, and a twenty year guarantee if fitted by an approved installer. These systems are approved for use by SEI (Sustainable Energy Ireland) and NSAI (for HP200) and are tested by a leading European institute in Germany to the highest and most rigorous European testing standards, EN 12975.

Firebird Evacuated Tubes

The TZ58 heat pipe solar collector the latest addition to the Firebird solar range offer an optimum performance to price ration built to Firebirds exacting standards. These systems are approved for use by SEI (Sustainable Energy Ireland) and are tested by a leading European institute to the highest and most rigorous European testing standards, EN 12975.





Underfloor Heating



Rehau Underfloor Heating

Heat Merchants stocks the complete range of REHAU Underfloor heating pipework and fittings, alongside the Everloc flexible pipework for hot and cold water supply and the RAUTHERMEX district heating pipe system which is extensively specified for commercial district heating schemes and comprises a carrier pipe in PE-Xa polymer insulated with closed cell polyurethane foam.



REHAU is one of the world's leading polymer producers and its expertise is in pipework – setting the standards not just in terms of the quality of the pipe produced but also in its full traceability and comprehensive warranties. The pipe used in Rehau's underfloor heating system is RAUTHERM universal PE-Xa pipe, which holds a BBA Agreement certificate – the 'gold standard' of product or system approvals.

Underfloor Heating Controls

Available in two sizes, can be fitted on roof or integrated into the roof with a flashing kit. These systems are approved for use by SEI (Sustainable Energy Ireland) and NSAI (for on roof) and are tested by the SPF institute in Switzerland to the highest and most rigorous European testing standards, EN 12975.



Biomass



Benekov Biomass Boilers

The latest addition to the Irish Benekov Range of Boilers blends Irish design with Scandinavian technology and Czech manufacturing. With a long history in manufacturing biomass boilers Benekov provide a range of boilers ideally suited to the Irish Market as they are fully automatic and self modulating.

Ranging in output from 10-50kW with unparalleled safety features including water cut out system to prevent burn back to fuel store and lambda controlled combustion for optimum efficiency.

They offer a wide variety of fuel choices which include wood pellets, wood logs and various grain types and a wide variety of options on additional extras such as automatic ash removal and self feeding.



Wodtke Wood Pellet Stoves

A high quality German wood pellet range of stoves which boast unrivalled modulation for maximum efficiency with automatic ignition and thermostatically controlled room temperature regulation. They boast unrivalled build quality and engineering and are aesthetically very pleasing.

They also offer the option to connect outdoor combustion air directly to the stove making them room sealed and thus suitable for airtight houses with heat recovery ventilation without compromising the air tightness of the building, the effectiveness of the stove or the safety of the house holder.





Ventilation



Vallox Heat Recovery Ventilation (HRV)

All Vallox heat recovery units are designed and manufactured to the highest standards. Thermally insulated with double skin casings for optimum thermal retention they are well proven with many thousands installed across Europe. All units are fully guaranteed and supplied with pressure and performance test certification and meet the requirements of the latest Building Regulations approved document F, April 2006. Additionally for specifiers designing dwellings to the Code for Sustainable Homes and SAP requirements, indicated units have been tested by BRE as SAP Appendix Q Eligible. **A quick and easy to fit system of flexible pipe that can result in up to 70% time savings during the on-site installation process, compared to other duct methods.** This innovative system uses low resistance, smooth bore tubing to individually connect each room to the heat recovery unit via an Air Distribution Box. By directly connecting each inlet/outlet there is ZERO LEAKAGE, so no loss of valuable regained air.



Aereco Demand Control Ventilation (DCV)

Aereco have been supplying and manufacturing demand controlled ventilation system for 25 years and are a world leader on the subject. Demand Controlled Ventilation (DCV) automatically adapts the level of ventilation in each room to the actual level of use. To do so, the products measure relevant indicators - humidity is the most commonly used in dwellings, together with presence in bathrooms. The humidity sensitive technology is applied to the air inlets as well as to the air extract units to give you the exact level of ventilation required for premium air quality.

This system is ideal as a retro fit product where people have issues with air quality, mould growth or heat loss through over ventilation, as it requires much less ducting than HRV and is simple to fit.





Heat Pumps

Kingspan AEROMAX

Kingspan Aeromax Air Source Heatpumps

The Aeromax range comes from a leading UK Manufacturer and Developer of heat pump technology with an unrivalled international reputation for product design and development. Manufactured to the highest technical and engineering standards, these units offer the highest levels of reliability and quality. Developed specifically for use in the UK and Irish domestic housing markets, these products have been the subject of major field trials and have to date provided more than 600,000 hours of precise technical operating data relevant to UK and Irish climatic conditions and domestic housing design.

WORCESTER
Bosch Group

Worcester Bosch Air Source and Ground Source Heatpumps

Greensource air to water heat pumps can provide an outgoing flow temperature of 65°C. However, they are ideally suited for low-temperature underfloor central heating systems and appropriately sized radiators, as well as for baths and showers, providing a low cost solution throughout the year. Worcester offers two types of ground source heat pump. You could choose a system heat pump which requires a separate cylinder and can be used with a Greenskies solar water heating system. Alternatively, there is a combination unit, with an integrated cylinder. All models offer outputs to suit most needs and size of property.

Greensource air to water features and benefits:

- Energy efficient – efficiency of up to 400% with a CoP of up to 4
- Maximum 65°C outgoing temperature – provides hot tap water
- Easy to install and maintain by a qualified installer
- Can be installed up to 15 metres from a property
- Comprehensive 2 year warranty

Greensource air to water features and benefits:

- Energy efficient – efficiency of up to 400% with a CoP of up to 4
- Environmentally-friendly
- Weather compensation control for increased efficiency
- Ideal for use with underfloor heating or appropriately sized radiators
- Comprehensive 2 year* warranty



Heat Merchants Branches

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