

heating homes

Ideal Stelrad's newsletter for local authorities and housing associations



Renewable energy: leading by example



By Steve Young,
Ideal Stelrad
Specification
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The Government has now clearly set the agenda for housing and commercial premises to feature renewable energy resources as a way of tackling climate change – and local authorities and housing associations will be coming under increasing pressure to set an example to the private sector.

With this in mind, why not consider shouting the environmental message from the rooftops; by specifying Ideal's new Solar system for domestic hot water heating.

Here, at Ideal we have been researching and developing sustainable products for years and were one of the first manufacturers to offer condensing technology long before Part L legislation made it law. We prefer to lead rather than follow, and that's why we are now launching our state-of-the-art Ideal Solar range of solar panels.

With shipments beginning in August, now is a good time to



As seen in the examples above, the Ideal Solar range can be either inset into the roof or fitted in an "on the roof" retro installation.

consider talking to us about specification options for your heating designs. Our solar launch means we will now be able to offer a single-source supply for all your heating needs.

We are also offering two key options for solar panel installation – our panels can be seamlessly fitted into the roof to provide the best possible roof line, or you can easily fit them "on the roof" in retro applications. Either way the panels' performance is just as good.

Solar panels will provide valuable benefits for social housing and

establishments such as care homes and leisure centres.

They raise the temperature of hot water in a building so that the boiler does not have to work as hard to provide hot water. Therefore, by providing a solar panel installation combined with our market-leading Ideal HE boilers, you will be helping your tenants to cut their fuel bills and you will also gain running cost savings for your own care and leisure premises.

Turn to Page 2 for more details about the Ideal Solar range.


The benefits of the Ideal Solar system


The Ideal Solar range offers some impressive credentials for specification – it's environmentally-friendly, it provides important cost savings to local authorities, housing associations and their tenants and it's easy to fit onto the roofs of existing housing and commercial premises.


As a result of our Ideal Solar launch, you will now be able to specify Ideal boilers, Stelrad radiators and Ideal solar panels as part of one package. This will provide economies of scale and make the whole process so much smoother. The Ideal Solar system provides a wide range of features and benefits, including:


- The product has "on roof" and inset options, enabling it to be installed as part of a new development, refurbishment or as a retrofit installation.
- We offer a choice of solar packs to meet all requirements, and full technical service and training support is available.
- The Ideal Solar range is low weight and offers easier handling, so it is easy to use, has a long life and offers a neat installation.


Solar power: points to consider

 The UK enjoys around 60% of the solar radiation that you would expect to get at the Equator. It's sufficient to provide the average household with about 50-60% of their annual hot water requirements, practically free of charge.


 Solar power is by far the most abundant renewable energy source. It is also the most popular alternative energy option in the UK.


 With the Government driving growing awareness of the need for energy efficiency in the home amongst the public, the demand for solar will rise.

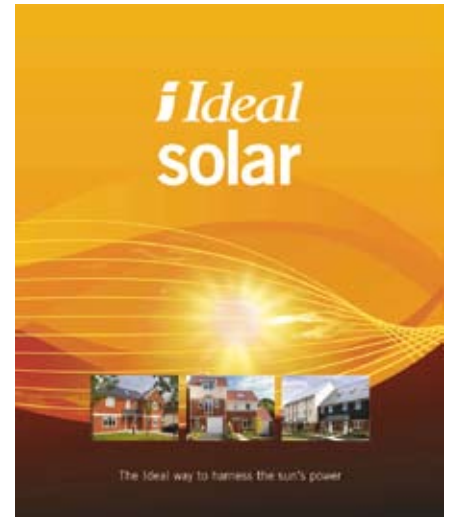
 You will be able to tell your tenants that no matter how high fuel costs escalate, they will benefit from this free energy for years into the future.

 Solar energy can be readily obtained whether the day is bright sunlight or even when cloudy. Solar collectors absorb the sun's

rays and convert that energy to produce hot water in the home.

 Ideal offers a packaged system with premium quality solar components for maximum performance and compatibility.

 A solar thermal system comprises four main elements to generate heat, control and store it. A loop circuit transfers heat from the panels to a twin coil solar hot water storage cylinder. The solar panels are connected to the lower coil whilst the upper cylinder coil is supplied by the heating boiler as a normal system. The diagram opposite shows a typical layout.



Your contacts for solar enquiries

To discuss the various options available for the Ideal Solar panel system and to find out how it can be incorporated into your heating specifications, contact Steve Young, Ideal Specification Director, on 07802 775311 or if you are in the London area contact Kevan Peaker, Specification Director for London, on 07711 181527.

Partnership agreement is the Ideal way forward for Dudley MBC

Ideal Boilers' market-leading range of high efficiency boilers have been specified by CHN Group, one of the foremost providers of gas appliance services to local authorities and housing associations in the Midlands, as part of a three year partnership agreement with Dudley Metropolitan Borough Council.

The partnership is specifically designed to bring over 3,000 homes up to Decent Homes Standards. Already, CHN Group has installed 1,000 new energy efficient heating and hot water systems in tenants' properties, making significant strides to increase the overall SAP energy rating of Dudley Council's housing stock.

Councillor Michael Evens, Cabinet Member for Housing, said: "Dudley Council owns and manages approximately 24,000 homes in the area and this boiler replacement programme is just one of the many ways that we are committed to delivering a premium service. The agreement with CHN Group and Ideal Boilers signals an excellent partnership approach to working."

As part of the tender process, the Ideal Boilers team produced a complete competitor analysis of some of the leading HE boilers on the market. Against key performance indicators, Ideal Boilers was chosen by CHN Group based on a number of benefits and features of its market-leading range of HE appliances. This included the commonality of components across the Ideal range, which helps keep CHN's spare parts stocks down, a wide range of boiler models



The Ideal Icos HE (left) and Isar HE installed in Dudley MBC houses.

offering greater flow rate options, a kitchen cupboard fit and longer and more compact flue systems for easier siting.

To complement the quality and reliability of the company's products and competitive price, Ideal Boilers also adds value to CHN by providing a first class service offering.

All the properties are being fitted with either Ideal's Icos HE or Isar HE appliances, which will not only help Dudley Council's tenants save up to 30% on their heating and hot water bills, but will also help to meet standards set out by the Government for Decent Homes.

Gary Jesson, Contracts Manager at CHN Group, said: "We are installing up to 50 new energy efficient central heating systems each week, therefore it is vitally important that we work with a boiler manufacturer we can rely on. CHN Group has installed Ideal's range of boilers for the past seven years and to complement this, our Training Centre in Tipton also features Ideal's appliances. This means that all of our engineers are

confident and competent installing and commissioning the company's range of products."

The **Ideal Icos HE** combines a modern, stylish exterior with simple yet highly reliable engineering. This has resulted in boilers which are easily installed and that require minimal servicing and maintenance. For tenants, this means an advanced, dependable product which not only looks at home in any environment, but also offers years of trouble-free service.

Available in three outputs from 24kw to 35kw, Ideal's **Isar HE** boiler provides between 9.5 and 14.4 litres of hot water every minute at 35° C. Each boiler is compact and easy-to-use, requiring no cupboard ventilation.

// The agreement with CHN Group and Ideal Boilers signals an excellent partnership approach to working. //

Coun. Michael Evens, Dudley Metropolitan Borough Council.

A Stelrad LST radiator for every application ...

When installing radiators in safety critical applications such as care homes, local authorities and housing associations can now benefit from Stelrad's increased range of low surface temperature (LST) radiators.

Stelrad offers the widest range of LST radiators on the market. With over 144 models available in two variations – the LST Standard and LST Plus – the range provides a low surface temperature radiator for literally any application. In addition, every model within this extensive range is painted with an anti-bacterial coating, making them ideally suited to both clinical environments and other bacterial contamination sensitive areas.

The latest addition to the range, the **LST Standard**, offers specifiers and installers flexibility and simple product selection. The new model comprises a simple casing and emitter pack in one box, leaving installers free to supply their own choice of valves.

Alternatively, the **LST Plus** offers a wide range of one box pre-assembled radiator, complete with pre-piped valves for ease of specification and installation.

Similar to the LST Plus model, each Stelrad LST Standard has an attractive, flat panel outer casing

which is totally reversible to allow piping flexibility.

The LST Standard also features pipe "knock outs" on the side panels to facilitate surface mounted pipework. Safety grilles are supplied as standard and can be assembled to run full width or to cover pipes on one side only.

Simple and quick to install, the front fascia panel is held by security fittings to prevent unauthorised access to the emitter, which is accommodated inside with a unique seam fixing bracket system. The front fascia can also be completely detached to allow safe cleaning and maintenance procedures.

Each model within Stelrad's LST range has been tested to BS EN 442, and is also fully compliant with all safety standards, including the strict requirements of the NHS Guidance Note for 'Safe Hot Water and Surface Temperature,' which states that the exterior surface

temperature of a radiator will not exceed 43°C.

The anti-bacterial powder coating on the Stelrad LST has been tested by independent microbiological laboratories to the internationally recognised standard JIS Z 2801:2000 and offers an extra defence in the fight against the spread of infection.

Clear and precise extended warranties

Ideal Stelrad has introduced a new range of extended warranties for all our boiler ranges.

When confirming an extended warranty, we will clearly set out in writing what the terms are, so that you will know exactly what is covered.

For more information, contact Steve Young, or Kevan Peaker for the London area, on the contact numbers given below.

More flexibility for HE boiler ranges

Ideal has now introduced even more flexibility when it comes to installing its market-leading high efficiency boiler ranges.

They are now available in longer flue lengths – so alleviating potential issues when joints are in voids and between floors – and a telescopic flue has now been introduced as standard so that flues no longer have to be cut to length. These upgrades are available on the Isar HE, the Istor HE and the Icos HE 12-24kW models through the Summer.



I hope you've enjoyed reading the articles in this issue of Heating Homes and I trust they will give you some food for thought. If you would like further information on any of the topics featured in Heating Homes, or would like to arrange a meeting, please contact me on 07802 775311 or Kevan Peaker, Specification Director for London, on 07711 181527.

**Steve Young, Ideal Stelrad
Specification Director**

