

Carbon Neutral Heating

Newsletter

Wood Pellet Boiler Systems

Warmer Homes

SAVE MONEY!
RENEWABLE HEATING INCENTIVE
* DUE TO START APRIL 2011 *

The Warm Homes Scheme is designed to assist people in Northern Ireland in making their home warmer and more energy efficient.

There are similar schemes in England, Scotland and Wales; Cosyman Pellet boilers from Woodpecker Energy are now being fitted in Northern Ireland under the Warm Homes Plus scheme which covers central heating installations. Pellet Boilers

are an ideal way to combat fuel Poverty. Mrs Mary Paterson of Hillsborough, Co. Down has reduced her home heating bill from £40 to £20 per week during the winter since she installed her pellet boiler. Mary says she is "Delighted with the system and with how easy it is to use". Alan Foye from the Energy Savings Trust and the Installers George Nelson Ltd explained fully how the boiler would work to Mary in advance, so Mary was more than happy to proceed with the installation. Mary qualified for the boiler under the Warm Homes Plus scheme which meant she received a full central heating upgrade free of charge including the boiler. Woodpecker hopes to install many more boilers in Northern Ireland over the duration of this 5 year scheme and is proud to be associated with helping reduce the most vulnerable homes heating costs.



Mary's warm home

Renewable Heating Grants

Warmer Homes Pilot Scheme in Republic of Ireland

Our Picture shows Liam Fleming of Waterford Energy Agency with one of the Cosyman Pellet Boilers piloted in Co Waterford under the Warm Homes Plus - Pilot Scheme.

In all 9 boilers were installed.

The Pilot has been a tremendous success and it is hoped Co Councils and Local Authorities will promote the use of biomass heating as part of their heating upgrade programme.



Liam with Pilot Scheme Boiler

New brochure

New Standard Boiler Brochure - At the time this article was being written the July 2010 brochure for the various versions of the 15, 25 and 45kW boilers was being finally amended before printing.

Incorporating actual installation photographs, a new range of two connection buffer tanks and our range of vacuum solutions for bulk silos this will enable Woodpecker to send out one document for general enquiries rather than three. Sporting an FSC accreditation the brochure is being printed in accordance with Soil Association guidelines too. As part of a developing marketing approach, which includes improved installer training and support, development of our business to business activities and formalising our servicing and commissioning activities we are getting

prepared for a move into the commercial boiler sector. From a bedrock of the standard boiler systems we feel we are in the process of building a profile of a market leading wood pellet boiler business.



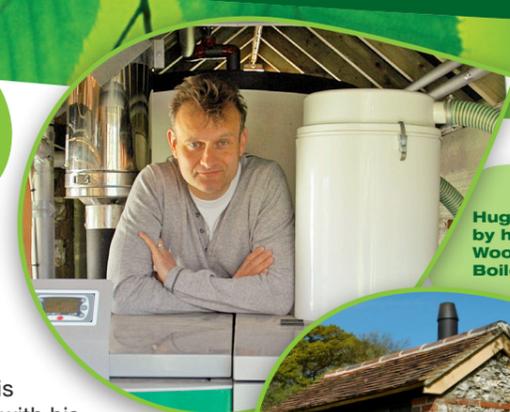
Hugh Dennis' 45kW Woodpecker Biomass Boiler

Well-known comedian and actor Hugh Dennis was faced with having to replace two 30-year old oil boilers that were not only old and inefficient, but also went through 5,000 litres of oil per year between them.

That, and his desire to reduce his carbon footprint, were the main reasons for installing a biomass boiler. It had to be big enough to provide heating and hot water for the Dennis family home, a 6 bedroom Grade 2 listed farmhouse in Sussex, as well as the outdoor swimming pool.

Hugh settled for a 45kW Woodpecker biomass boiler, and in February 2010, the boiler was installed in what used to be an outside toilet, which is also Grade 2 listed, adjacent to the house.

Hugh Dennis is very satisfied with his choice - his Woodpecker biomass boiler heats both the house and the outdoor swimming pool, and provides hot water for a family of four. It is environmentally friendly, easy to operate and carbon neutral. "Wood pellets are less energy dense than oil but are carbon neutral", he said. "Our new boiler doesn't just make me feel warm, it also makes me feel very virtuous".



Hugh Dennis, by his new Woodpecker Boiler



Grade 2 listed boiler house shed

“ There's little difference between running a wood pellet boiler rather than a traditional gas or oil boiler and the controls are so easy to understand ... ”

HUGH DENNIS, 2010

MCS Accreditation

Woodpecker Energy's full range of wood pellet boilers are now fully accredited by the MCS, which we feel is a testament to the quality of our products with many competitors still not achieving this benchmark.

A new range of larger commercial boilers is in development and orders in hand for these already, the future looks extremely bright for the Company and its installer business partners. The prototype of the 150kW the first of these boilers is currently under test at our factory in Ireland and will be put through the MCS tests shortly.



The Certification Mark for Onsite Sustainable Energy Technologies

One very recent development is Woodpecker's MCS accreditation as a biomass installer. With a view to enabling selected non accredited installers to achieve MCS installations under sub-contract and hopefully in their own right too, the move has not been taken lightly. The first step towards the MCS for installers would be to attend one of our Installer Training Days. These run from 10am till 4pm with spaces still currently available on 31st August and 24th September in Yeovil. Courses are being planned in support of our network in Scotland with the first hopefully taking place in Inverness early in September. Contact Steve Dolby on 0845 838 6359 for more details and to book a place on a first come first served basis.



The Woodpecker factory

TRAINING DATES!
31-08-10 * 24-09-10

Gavin Gulliver-Goodall - Service & Commissioning Engineer

Gavin joined Woodpecker in May 2010 to provide technical support to clients and installers and act as commissioning and service engineer.

He has worked in the Biomass industry for over 15 years, first with Border Biofuels Ltd. and later with his own company 3G Energi.

His experience of wood heating installations ranges from small 5kW pellet stoves through to 1.5MW district heating projects. Gavin says "I am really impressed with the Woodpecker range of domestic boilers which are the first in my experience to be designed to work seamlessly with conventional central heating controls." He is looking forward to training and advising clients and working on site ensuring the public's wood fuelled heating keeps them warm through the winter. Gavin is based in Southern Scotland where he has his own pellet boiler to heat his home. In his spare time he enjoys time with his family and dinghy sailing on Kielder water.



New livery has been developed for our newly appointed Commissioning Engineer Gavin Gulliver-Goodall. Tying in with our strong corporate identity it will become a familiar sight with our Installer network.

Steve Dolby - Customer Relationship Manager

Steve comes to Woodpecker from a mainly blue-chip sales and marketing background.

Experienced at home and abroad working for and with organisations such as the RAC, Racal Electronics, The Expanded Metal Company, the Motor Sports Association and Motorola he has dealt with marketing communications, high level negotiation, buying and varied channels. A true 'brand' champion he lists amongst his claims to fame borrowing a World Championship winners Formula 1 car and photographs of him being used in promotional

material for the RAC 'CARS' (Computer Aided Rescue Service) campaign and Expamet Arch Formers packaging. He was also known affectionately as 'that tall bloke' by customers in a previous role. A Surrey 'lad' originally he has lived in the West Country for over 20 years now and has a wife and three grown up children. A keen DIY enthusiast he enjoys fitting the odd kitchen or installing more insulation in his early 60's house in his spare time. He can often be found down at the local swimming pool or watching sport.

Mobile Demonstration Unit

Woodpecker has developed a small trailer unit to be taken to outside events and training sessions around the country.

Featuring a standard 25kW boiler it is connected to a hot air heat exchanger to enable it to be fired up and working even on the hottest day. Towable by a small van or car this unit with its striking livery has already travelled as far as the Royal Highland Show (24-27 June). With Woodpecker

staff supported by our installer network at the event the quality of enquiries was extremely good, enabling the involved installers a great opportunity to gain additional business and to show the boiler to the public. This unit is the second demonstration unit with the original larger one based in Yorkshire to support our network there too.



'Fillomatic' Boiler

- Automatic self cleaning burner & heat exchanger
- Superb 94% efficiency (EN14785)
- Easy to use LCD controller
- Low fuel warning sensor
- Fully automated burner
- 5 steps of power modulation
- Low maintenance
- 110kg pellet hopper
- Pump management system
- De-ashing system to reduce maintenance levels and maintain high performance
- Built-in vacuum unit can transport pellets up to 35 metres away
- Quietness <70dB
- Daily, weekly and weekend programmer for topping up pellets from external bulk supply
- LCD controller with graphic display of entire pellet storage / transportation system
- Premier vacuum motor technology delivering up to 3 kgs per minute
- Automatically filled mini hopper before night time 'slumber' shut down



A Fillomatic Boiler

Buffer Tanks

For the most efficient use of a biomass boiler, a buffer tank should be installed.

Woodpecker Energy supplies a range of cost competitive Buffer tanks ranging in sizes from 500 litres to 1,400 litres. Woodpecker Buffer Tanks have two 32mm tappings for Flow and Return. 65mm of Polyurethane provides outstanding insulation and heat retention. A notable feature is that the Woodpecker Buffer Tanks are designed to fit through standard door widths.



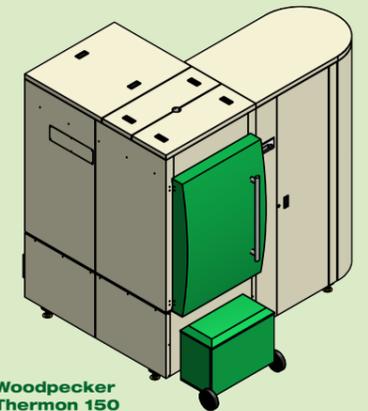
NEW Buffer Tanks

Commercial Boiler Woodpecker Thermon 150

Woodpecker Energy is launching the first of a range of commercial boilers at this years BEST Exhibition at the NEC in Birmingham. The event takes place between 8th and 10th October and is the Built Environment Solutions and Technologies part of the well known Interbuild Exhibition.

The boilers are available in 150 and 300kW outputs with the larger version due to be available at the turn of the year. They will feature the automatic air cleaning of burner and heat exchanger and auto de-ashing as in the rest of the Woodpecker range. New features will include 'fly by wire' control allowing service engineers to remotely view, adjust and control its operation. A prototype is under test at the factory and final developments are in hand.

Orders are already coming in for these boilers with one of the first destined to be installed at the Osprey Quay site, the sailing centre Olympic Village in Weymouth in Dorset. Used as part of a district heating system for the accommodation blocks, preparation work is already taking place on site so that the installation is in place well in advance of the Games in 2012.



Woodpecker Thermon 150

best Built Environment Solutions & Technologies
18-20 October 2010 | NEC Birmingham