

The wood burning stove or boiler burns this fuel to provide hot water and heat for your central heating system. A boiler using wood-based fuel for heating has lower carbon emissions and is considered "green" or eco-friendly. There are many boilers of this type on the market today.

Biomass boilers are suitable for home domestic use and also commercial use, combining a cheaper solution for your heating requirements. They have heating controls just like any other boiler on the market so are suitable for home or business.

Wood Chip, Log & Pellet Suppliers are growing in number across the UK and some provide a national delivery service. Some resellers of Wood Chip, Log & Wood Pellets are detailed below. Biofuel fireplaces and stoves are also available in the UK. The use of wood is a source of renewable energy and is considered as a carbon neutral fuel for sustainable heating. Biomass heating can help reduce costs as well as helping the climate.

Biomass boiler can be installed new, or can be fitted as a replacement for an existing Natural Gas, Oil or LPG boiler installation. Any boiler that is scrapped and replaced should be carried out by a registered professional company.

An alternative biomass boiler using wood derivatives as a fuel is a more sustainable product for today's environment and helps to reduce your carbon footprint.

## **Biomass Boilers - How Do They Work**

This type of boiler requires the need for wood to be loaded into the firebox. The wood is ignited by lighting some kindling under the wood. The burning of the wood fuel produces hot gases which pass through a heat exchanger, this in turn provides hot water and water for heating. Many types have secondary combustion which burn off all the particulates as well, making them even more efficient.

Generally it is recommended that a heat storage system is used for a biomass wood boiler. In simple terms a storage tank containing the hot water which is connected to the boiler system, when the boiler has died down the hot water is still available in the tank.

Such systems can be integrated to work with other renewable energy products, a wood boiler with a thermal solar system which can provide heating and hot water in winter months when solar output is low.

Wood Pellet boilers usually incorporate automatic feed systems combined with automatic heat exchanger cleaning, and even automatic ash removal which only requires to be emptied a few times every year.

If you can obtain wood products cheaply locally, then a biomass boiler for hot water and central heating is an ideal choice.

## **Renewable Energy Grants**

For commercial applications a business that invests in a renewable source of energy like large scale commercial biomass boilers, may be eligible for a grant as a tax saving incentive. The capital cost of buying a system can be offset by applying for a grant through a Government scheme known as the Enhanced Capital Allowance (ECA) scheme. You can check on their website to see if the equipment that you intend to purchase is eligible. Investing in energy-saving equipment plant and machinery can be written off against the taxable profits of the period in which the investment is made. The scheme is aimed at business, corporate and commercial businesses.

## **Commercial boilers – heating appliances repair, service, installation**

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|---|-----------------------------|
| - Commercial Boiler Room Specialist                             | - Commercial buderus Boiler |
| - Ideal Concord commercial heating engineer radiator installers | - Emergency Ideal Concord   |
| - Commercial Heating Installers Boiler                          | - 24HR Commercial Oil       |
| - Commercial Back Boiler Safety Certificate                     | - Commercial Boiler Gas     |
| - Commercial Annual Boiler Services Heating Breakdown           | - 24 Hours Commercial       |
| <br>  |                             |
| - Commercial Radiant Tube Heater Heater                         | - Commercial Plaque         |
| <br>  |                             |
| - Commercial Steam Heating Boiler repair                        | - Steam Boiler Breakdown    |
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## **Commercial Wood Fuelled Heating Boilers Repair,Service & Installation**

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|---|----------------------------|
| - Commercial Wood Fuelled Heating Boilers Wood fuelled heating Installation | - Biomass Commercial       |
| - Commercial Wood fuelled central heating boiler specialist                 | - 24 Hour Commercial       |
| - Hamworthy commercial boiler installers                                    | - Hamworthy Water Heater   |
| - Emergency commercial boiler engineers Installation                        | - Atag Commercial Boiler   |
| - Atag Commercial Boiler Repair water heating                               | - Atag Solar system Hot    |
| <br>  |                            |
| - Gledhills boiler, heating system Central Heating installation             | - Commercial & Residential |

- Commercial & Residential Combination boilers  
System boiler Heating installation

- Commercial & Residential

- Gledhills boiler, heating system  
Heating Intallation and Repairs

- Buderus Commercial

- Ideal concord Heating Boiler Repairs  
Boiler Breakdown

- Commercial Wood Fuelled

- Commercial Oil Heating Boiler Installers  
Boiler Heating Installation Engineers

- Biomass Commercial

- Hamworthy Heating Boiler Installers  
Boiler Repair Specialist

- Hamworthy Commercial

- Atag Commercial Heating Boiler System Breakdown  
On Boat and Mobile Home

- Commercial Oil Heating

## **Commercial LPG Heating Boiler Repair, Installation**

- LPG boiler repair  
- LPG heating boiler on Boat  
mobile homes

- LPG heating engineers  
- LPG boiler repair,installer for

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Benfleet,Essex Commercial Oil Heating Boiler Installer Shoeburyness,Westcliff-On-Sea 24HR Heating Repairs Castle Point (Awarded) EN9 Waltham Abbey Epping Forest , EN10 Broxbourne , N10 Broxbourne , EN11 Hoddesdon, Ess  
ex & East London Areas : RM1 Romford Havering , RM2 Romford , Gidea Park, Heath Park Havering, RM3 Romford, Harold Wood, Harold Hill, Noak Hill Havering , RM4 Romford, Havering-atte-Bower, Abridge, Stapleford Abbots, Noak Hill, Navestock, Stapleford Tawney, Stapleford Aerodrome Havering, Epping Forest, Brentwood , RM5 Romford, Collier Row Havering, Redbridge , RM6 Romford Chadwell Heath, Marks Gate, Little Heath Barking and Dagenham, Redbridge, Havering , RM7 Romford Rush Green, Mawneys, Romford Havering , RM8 Dagenham, Becontree Heath Barking and Dagenham, Redbridge , RM9 Dagenham, Becontree Barking and Dagenham, Redbridge, Havering , RM10 Dagenham Barking and Dagenham , RM11 Hornchurch, Emerson Park, Ardleigh Green Havering , RM12 Hornchurch, Elm Park Havering , RM13 RAINHAM Rainham, South Hornchurch, Wennington Havering , RM14 Upminster, Cranham, North Ockendon, Bulphan Havering, Thurrock , RM15 South Ockendon, Aveley Thurrock, Havering , RM16 Grays Chafford Hundred, Chadwell St Mary, North Stifford, Orsett Thurrock , RM17 Grays, Badgers Dene Thurrock , RM18 Tilbury, East Tilbury, West Tilbury Thurrock , RM19 Purfleet Thurrock , RM20 GRAYS West Thurrock, South Stifford Thurrock

IG1 Ilford Redbridge , IG2 Ilford , Gants Hill, Newbury Park Redbridge , IG3 Ilford , Seven Kings, Goodmayes Redbridge , IG4 Ilford , Redbridge Redbridge , IG5 Ilford, Clayhall Redbridge , IG6 Ilford, Barkingside, Hainault Redbridge , IG7 Chigwell, Epping Forest, Redbridge , IG8 Woodford Green, Woodford Bridge Redbridge, Waltham Forest , IG9 Buckhurst Hill Epping Forest , IG10 Loughton, High Beach (part) Epping Forest , IG11 Barking Barking and Dagenham

Chelmsford : CM0 Southminster, Bradwell, Tillingham, Asheldham, Dengie Maldon , CM0 BURNHAM-ON-CROUCH Burnham-on-Crouch, Tillingham Maldon , CM1 Chelmsford, Writtle Chelmsford , CM2 Chelmsford , CM3 Hatfield , Peverel, South Woodham Ferrers, Boreham, Maylandsea Chelmsford , CM4 Blackmore, Fryerning, Ingatestone, Stock Brentwood , CM5 Ongar , Chipping Ongar, High Ongar, Bobbingworth, Moreton, The Lavers, The Rodings Epping Forest , CM6 Dunmow, Great Dunmow, Felsted Uttlesford , CM7 Braintree Braintree , CM8

Witham Braintree , CM9 Maldon, Tollesbury, Tolleshunt D'Arcy, Tolleshunt Knights Maldon , CM11 Billericay (East), Great Burstead Basildon , CM12 Billericay (West) Basildon , CM13 Brentwood, East Horndon, Great Warley, Herongate, Hutton, Ingrave, Little Warley, West Horndon, Cranham Brentwood, Havering , CM14 Brentwood, Harold Wood Brentwood, Havering , CM15 Brentwood, Doddinghurst, Kelvedon Hatch, Mountnessing, Shenfield, Stondon Massey Brentwood , CM16 Epping, Theydon Bois Epping Forest , CM17 Harlow, Old Harlow, Matching, Matching Tye, Matching Green Harlow and Epping Forest , CM18 Harlow , CM19 Harlow, Roydon Harlow and Epping Forest , CM20 Harlow , CM21 Sawbridgeworth , East Hertfordshire , CM22 Bishop's Stortford, Sheering East Hertfordshire,Uttlesford , CM23 Bishop's Stortford East Hertfordshire, Uttlesford , CM24 Stansted Mountfitchet Uttlesford , CM77 Braintree, Great Notley, Rayne Braintree

Southend-On-Sea : SS0 WESTCLIFF-ON-SEA Southend-on-Sea, Westcliff-on-Sea Southend-on-Sea , SS1 Westcliff-On-Sea, Southend-on-Sea, Thorpe Bay , SS1 Southend-on-Sea, Thorpe Bay Southend-on-Sea , SS2 Prittlewell, Southend-on-Sea Southend-on-Sea , SS3 Shoeburyness Rochford, Southend-on-Sea , SS4 Rochford Rochford , SS5 Hockley Rochford , SS6 Rayleigh Rochford , SS7 Hadleigh, South Benfleet, Thundersley Castle Point , SS8 Canvey Island Castle Point , SS9 Eastwood, Leigh-on-Sea Southend-on-Sea , SS11 Wickford Basildon, Chelmsford, Rochford , SS12 Wickford Basildon , SS13 Basildon Basildon , SS14 Basildon , SS15 Laindon, SS16 Langdon Hills Basildon , SS17 Corringham, Stanford-le-Hope Thurrock , SS22 Southend-on-Sea

Bromley & Kent : BR1 Bromley, Bickley, BR1 Downham Bromley, Lewisham , BR2 Bickley, Hayes, Bromley Common, Shortlands , BR2 Keston , BR3 Beckenham, Eden Park, Elmers End, Park Langley, Western area of Shortlands Bromley, Lewisham , BR4 West Wickham , BR5 Orpington , St Paul's Cray, St Mary Cray, Petts Wood , BR6 Orpington, Farnborough, Downe, Pratt's Bottom, Chelsfield, Well Hill Bromley, Sevenoaks , BR7 Chislehurst, Elmstead , BR8 Swanley