

A back boiler is a small, compact boiler fitted at the back of an open fireplace hearth. It sits behind a electric fire (or in the chimney breast) and provides hot water and central heating to the property.

Despite its compact size, a back boiler is more than capable of fulfilling all heating and hot water needs. Back boilers are reliable too, and allow homeowners to run hot water from several taps at once without loss of press.

How Back Boiler Works

Back boilers are generally no longer installed unless it is too complicated or too expensive to install a condensing boiler. They are hidden behind the chimney in your home, with a gas fire front to cover them. Although they are usually a reliable type of boiler, they typically have an efficiency rating of only 78%, whereas new, condensing boilers are usually more than 92% efficient - not only better for the environment, but also easier on your pocket. Back boilers are "open flued" which means that there must be an open vent to allow fresh air in to replace the fumes that go up the flue. This means that if a fault develops with the ventilation, flue or boiler itself, potentially lethal gasses can be released.

Advantages of back boiler

- Could be cheaper to replace if you already have this system
- Reliable - reducing the risk of a breakdown
- Space saving if you already have one as it's hidden behind your gas fire

Disadvantages of Back Boiler

- New building regulations make it difficult to install a new back boiler due to poor efficiency
- Open flue means higher risk of fumes leaking into your home
- Space hungry - two tanks are required in the loft and a hot water storage cylinder in the airing cupboard
- Limited choice of fire front
- Draughty and noisy

Back boiler repair, industrial boiler repair, back boiler repair, emergency boiler repair, annual boiler service, commercial boilers, catering water boiler, boiler fitting, gas boiler replacement Central London, West End London, South West London, North London, North West London, South East London, East London, Essex, Enfield, Kent, Enfield, Richmond & Twickenham, Southend On Sea East Central London : EC1 covers the Clerkenwell, Finsbury, Barbican area, EC2 covers the north eastern (Moorgate, Liverpool Street) area of The City, EC3 covers the south eastern (Monument, Aldgate, Fenchurch St, Tower Hill) area of The City, EC4 covers the western baxi back boiler, industrial steam boilers, industrial boiler service, industrial boiler services, gas boiler servicing, domestic boilers (Fleet Street, Temple, Blackfriars, St Paul's), Central London, West End London, South West London, North London, North West London, South East London, East London, Essex, Enfield, Kent, Enfield, Richmond & Twickenham , Commercial Walk In Freezer Repair all Central London EC1, EC2, EC3, EC4, WC1, WC2 Roof Top Ai-Conditioning Installers West London W1, W2, W3, W4, W5, W6, W7, W8, W10, W11, W12, W14 Northwest London NW1, NW2, NW3, NW4, NW5, NW6, NW7, NW8, NW9, NW10, NW11 Commercial Catering Refrigeration Breakdown Engineers East London E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14, E15, E16 E17, E18 North London N1, N2, N4, N5, N6, N7, N8, N9, N11, N13, N14, N15, N18, N21, N22, N12, N16 ,N17, N19, N20, N21, Enfield EN1, EN2, EN3, EN4, EN5, EN6, EN7, EN8, EN9, EN10, EN11 condensing oil boilers, central heating gas, gas boiler spares, fitting central heating, condensing gas boilers, gas boiler installation South West London SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15, SW17, SW18, SW19, CR0, CR1, CR2, CR4, CR7, South East London, SE1, SE2, SE3, SE4, SE5, SE6, SE7, SE8, SE9, SE10 ,SE11, SE12, SE13, SE14, SE15, SE16, SE17, SE18, SE19, SE20, SE21, SE22, SE23, SE24, SE25, SE26, SE27, SE28, Essex RM1, RM3, RM5, RM6, RM7, RM8, RM9, RM10, RM11, RM12, RM13, RM14, RM15, RM18, RM19, RM20, IG1, IG2, IG3, IG4, IG5, IG11, SSO, SS1, SS2, SS3, SS4, SS5, SS6, SS7, SS8, SS9, SS10, SS11, SS12, SS13, SS14, BR1, BR2, BR3, BR4, BR5, BR6, BR7, BR8, BR9, HA0, HA1, HA3, HA4, HA5, HA6, HA7, HA8, HA9 gas central heating boiler, gas boiler maintenance, industrial gas boiler, steam boiler repairs, boiler water heater, electric central heating boiler, system boilers, electric central heating boilers, gas central heating boilers East London : E1 Whitechapel, Stepney, Mile End, E1 Aldgate East E1 Commercial Road East London Heating engineer E1 Whitechapel , E1 Wapping E1 Mile End Road E1 Spitalfields , E1 Stepney E1 Stepney Green , E1 Mile End E1 Shadwell , E2 Bethnal Green, Shoreditch, Emergency plumbing engineer Heating engineer in London , E2 Shoreditch ,E2 Victoria Park , E3 Bow Church , E3 Bromley ,E3 Bow E3 Devons Road ,E3 Old Ford E3 Mile End , E4 Chingford central heating power flush, gas central heating systems, combi gas boiler ,E4 Chingford Green , E3 Bow, Bromley-by-Bow , E4 Chingford, Highams Park , ,E4 Chingford Hatch , E4 Island Gardens , E4 Hale End , E4 Gilwell Park , E4 Highams Park ,E5 Clapton , E6 East Ham , Beckton , E7 Forest Gate, Upton Park, E11 Leytonstone , Wanstead , E12 Manor Park, E13 Plaistow, E14 Poplar, Millwall , E14 Canary Wharf , E14 Cubitt Town , E14 Docklands ,E14 East India Dock Road , electric combi boilers, bosch combi boiler, baxi condensing boiler, combi boiler installation, central heating repair, steam boiler manufacturers, steam boiler design Heron Quays , E14 Isle of Dogs E14 Excel ,E14 Limehouse , E14 Millwall, E14 Mudchute, E14 Poplar , E14 South Quay, West India Quay , E14 Westferry , Excel , Isle of Dogs, Docklands, Cubitt Town , E15 Stratford, E15 Pudding Mill Lane, E15 West Ham, E15

Stratford, West Ham, E16 Victoria Docks & North Woolwich , E16 Canning Town commercial domestic gas engineer , E16 Custom House , E16 North Woolwich , E16 Silvertown ,E16 Victoria Docks , E17 Blackhorse Road ,E17 Higham Hill , E17 Walthamstow E17 Walthamstow Central, Upper Walthamstow ,Canning Town, E17 Walthamstow, E18 Woodford & South Woodford , E18 South Woodford (in reality only South Woodford is covered by E18; most of Woodford itself is covered by postcode area IG8 central heating installers, electric wet central heating, central heating repairs, powerflushing