

Emergency Commercial Boiler Installers in London

Combination boilers and system boilers both carry pressure gauges and we're often asked about the pressure shown on these gauges. Any sealed central heating system needs an expansion vessel, a pressure gauge and a pressure relief safety valve.

If you heat water it expands. In an open vented central heating system (with a header tank) some of the water moves back up into the header tank. The expansion does not increase the overall volume of water by a huge amount (maybe 3 or 4 litres, depending on the size of the heating system) but it would be more than enough to burst the pipes if it had nowhere to go.

In a sealed system you have to allow for this expansion. This is done by adding an expansion vessel to the system pipework and it's often inside the boiler. The expansion vessel is just a chamber with a rubber diaphragm across the middle. One side of the expansion chamber is connected to the system pipework. The other side has a car tyre type valve so it can be pumped full of air.

In manufacture the air side is pumped full of air, typically to about 1 bar (about 15 psi). This forces the diaphragm right across to the opposite wall of the chamber. When the central heating system is filled with water and pressurised (to about 1 bar) the water pushes the diaphragm back to about the middle

Commercial Electric Heating Boilers

Electric boilers are closed containers that are used for water heating (for bath, shower, sink, other daily living needs). Electric boilers (electric storage water heaters) can be mounted in houses, flats, hotels, restaurants, shops, supermarkets, offices, pensions, etc. with central

heating system or water heating vat.

Benefits of electric boilers:

- Quick preparation of hot water.
- Precise water temperature control.
- Easy installation and connection.
- Protection against water overheat or freezing.
- Protection against corrosion.
- Economy of heat and money (hot water on demand).
- Safe exploitation.
- Comfortable, easy handling

Types of electric boilers:

- Suspended vertical electric boilers (rounded, square, small volumes up to 20 litres, non-pressure, pressure) – these water heaters can be suspended on the wall and have volumes up to 200 litres. The temperature ranges from 0 °C to 80 °C. The boilers have very low thermal loss.

- Horizontal electric boilers – these water heaters can be mounted on the wall with suspensions or attached to any appropriate construction. The boilers have volumes of 100-200 litres. The temperature ranges from 0 °C to 80 °C.

- Stationary electric boilers – these water heaters can be placed on the floor and have volumes of 100-1000 litres. The temperature ranges from 0 °C to 80 °C

British Museum WC2 Gas Central Heating Boiler Repair WC1 No Hot Water Repair Aldersgate, EC2,EC3,EC4 Angel,Lloyd's of London Aldgate,Barbican 24 Hour Electric Heating Soho Engineer St Paul's,Mansion House Recommended Boiler Installation St Luke's, British Museum WC2 Commercial Central Heating Boiler Repair WC1 Aldersgate, EC2,EC3,EC4 No Hot Water Repair Angel,Lloyd's of London Aldgate, St Paul's,St Luke's, Emergency plumber docklands or other areas, plumber, plumber mechanism, plumber N1, Ariston boiler plumbers, heating systems, heating service, residential heating, heating boiler, gas heating, electric heating, heating air conditioning, heating contractors, central heating systems, central heating installers, install central heating, central heating repair, boilers heating, hot water heating, heating boiler repair, domestic heating, heating system repair. water boiler repair heating boiler repair , water boiler , central heating boiler Shoreditch Gas safety certificate I 24 hour plumber, Westminster 24 Hours Plumbers ,emergency electricians london Canary Wharf I Local bathroom installers Old Broad Street, Tower 42 ,24 hr Local plumbing services I 24 hr local heating service St Mary Axe EC1 Aldgate, Leadenhall ,Annual boiler service Bank of England, Guildhall Reliable recommended Plumber ,EC1 Tower Hill Heating breakdown 24 hr glazing service Lloyd's of London, Fenchurch Street Radiator repair, Highgate Emergency plumber docklands plumber N1, Ariston boiler plumbers Tower of London EC1,heating systems I heating boiler I heating service Monument, Billingsgate, Fetter Lane ,whirlpool shower bats installer I commercial residential heating Royal Exchange EC1 Lombard Street, ,gas heating I electric heating EC1 St Paul's, plumber mechanism, Mansion House EC1,air conditioning ventilation repair Temple boiler breakdown, Mansion House I St Bartholomew's Hospital, ,central heating systems I central heating installers EC2 emergency power flushing, install central heating radiators I EC2 Finsbury (east), Moorfields Eye Hospital , recommended boiler installation, St Luke's, Bunhill Fields No hot water repair ,Shoreditch I No heating emergency repairs shower fitters Guildhall EC2 St Mary Axe, British Museum WC2,WC1 Gas Central Heating Boilers No Hot Water Repair Aldersgate, EC2,EC3,EC4 Angel,Lloyd's of London Aldgate,Barbican 24 Hour Electric Heating Engineer St Paul's,Mansion House Recommended Boiler Installation St Luke's, Find a local electricians, your local electrician Broadgate , Finsbury (east) EC3 Moorfields I gas specialist , local heating company I local electrical contractor EC3 Lloyd's of London, Fenchurch Street, electrician company, electrician service St Mary Axe Blocked sink repair , EC3 Aldgate Reliable builder, emergency electricians Guildhall EC3 Bank of England joiners, City of London EC3 Recommended builders , local joiners I local roofers Old Broad Street, Monument, EC3 Billingsgate, local plasterers local bricklayers, Cannon Street EC3 heating systems maintenance ,local painters, local glazier I local building contractors Royal Exchange, EC3 City of London, Emergency local electricians Lombard Street, Fetter Lane EC4 Finsbury Gas boiler installer ,Emergency local electrical contractors Finsbury Estate (west), St Luke's boiler repair services , electrician plumbers Bunhill Fields, England college Broadgate, Liverpool Street, home electricians Islington, Consumer unit repair Barbican, Guildhall