



***“Reliable Family Run (Husband & Wife Formed)”***

***"Twice recommended by"Time Out" London in 2006"***

***"Finalist of the Training and Development Barking & Dagenham Business Awards 2008"***

***"Finalist of the "Best New Business" and "Entrepreneur of the year" Kingston Business Awards 2010"***

Advanced Plumbing & Heating Services Plumbers always experience customers who have all types of radiator like plastic radiator, cast iron radiator and for your information you need to remember our registered plumbers can repair any of them.

When repairing and installation radiator we would recommend customer to have radiator flush it's normally known as "power flushing" which will help reduce the risk of radiator leaking issues because when you get power flushing done it will clean the whole system completely as the chemical we use is the best which is called "Kamco" that will get rid of all the sludge in the system that would normally ruins your system and shorten the system's age .

In case of replacing a new radiator - after power flushing has been done we will be able to replace radiator or install radiator. Sometime the customer may have problem with radiator valve we will fix or radiator valve repair. We have had some customers trying to do the work themselves but dealing with central heating radiator installation can be complicated so it's always recommended to get a professional plumbing and heating company like Advanced Professional Plumbing & Heating Services to look after all these for you.

Our corgi (gas safe) registered plumber, can deal with baxi megaflo and deal with gas boiler replacement and our good plumbers will deal with all types of central heating combi boilers or gas boiler servicing and all plumbing services from drain leak to toilet leak to radiator maintenance

## How Radiators Work

Radiators are 'heat exchangers': they transfer the heat of the hot water inside them to the colder air around them, thus heating the air and warming the room. They are made of metal (usually steel, sometimes cast iron or aluminium), because metal is a good conductor of heat, and also retains heat well. These days radiators tend to be thin and flat, and corrugated, to maximise the hot surface area, and hence maximise the heat exchange. Many modern radiators have 'fins': ribbons or extensions made of thin metal attached to the main body of the radiator. These extend even further the heated surface area that is exposed to the air.

### Convection

In fact, fins do more than this. Because air can pass between them, they draw in cold air from floor level, and warm it. Warm air rises, so is emitted into the room as a current. This motion, called convection, helps to fill the whole room with warm air. By contrast, radiators without fins (i.e. the simplest, single-panel radiators) mainly give out radiant heat, with less efficient convection.

### Open and Sealed Systems Radiators

There are two types of water-based central heating systems: open and sealed - but they look pretty much the same on the outside. Both have water systems that are kept separate from the tap water used in the house. Central heating water will expand and contract as it heats and cools. To cope with this, an open system has a top-up tank (usually located in the roof space),

called a 'feed and expansion tank'. It is fed from the mains like a mini cold-water storage tank. By contrast, with a sealed system, a pressure vessel, containing compressed gas, is used to absorb the expansion of the hot water.

South East London : emergency 24 Hrs plumbers, commercial and domestic heating plumbing, LPG cooker, boiler service and repair 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 Bromley BR1, BR2, BR3, BR4, BR5, BR6, BR7, BR8, E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14, E15, E16, E17, E18 plumber London SE5 Camberwell plumbing services Denmark Hill plumbing services SE6 Bellingham emergency plumber Catford SE6 Hither Green gas boiler service and installer SE7 Charlton SE8 Deptford High Street, Deptford SE9 Avery Hill plumber Well Hall Deptford, Eltham, Deptford SE9 Mottingham emergency plumber in Deptford SE9 New Eltham SE10 Greenwich SE10 Ranger's House SE11 Kennington SE11 Lambert plumber London corgi gas engineer SE11 Oval electrician SE12 Lee Green, Lee, Lesnes Abbey SE12 Grove Park SE13 Ladywell SE13 Lewisham SE14 New Cross, New Cross Gate SE15 Peckham time out recommended Plumber SE15 Rye Lane SE15 Nunhead SE16 Surrey Quays South Bermondsey hot water heating systems installer SE16 Rotherhithe Plumber Rotherhithe street SE17 Elephant & Castle gas boiler fire installer SE17 Newington, SE17 Walworth SE18, Woolwich [single glazed glass](#) replaced W1,

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, W1

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SW19

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24 hrs

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replacement SW13

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, SE1

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SE1

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SW1

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, N15

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, N15

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service ,

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, trusted plumber SW1

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SE26

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service ,

[double glazing repair](#)

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[window replacement](#)

SE25

[Norwood Junction](#)

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SE26

[Sydenham](#)

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[Fulham Broadway](#)  
, SW6  
[Fulham](#)  
24 hours  
[glazing installation](#)  
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[Bickley](#)  
BR1  
[Downham](#)  
, BR2 Double Glazing & Single Glazing for Shopfronts , SE3 Westcombe Park Broken or  
misted units replaced  
SE4  
[Brockley](#)  
Sash Windows, SE3 Westcombe Park  
SE4,  
[Brockley](#)  
Single Glazed Doors repairs, N10  
[Colney Hatch](#)  
, N10  
[Highgate Wood](#)  
Double glazing units supplied and fitted,  
plumber  
[Walworth](#)  
□ □  
SE18  
[Woolwich](#)  
SE18  
[Plumstead](#)  
commercial and domestic cooker, LPG service SE18  
[Shooter's Hill](#)  
SE19  
[Crystal Palace](#)  
SE19  
[Upper Norwood](#)  
SE19  
[Gipsy Hill](#)  
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SE20  
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SE21  
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reliable plumber SE21  
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Solar hot water heating systems installer SE21

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SE22

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emergency plumber

[Peckham Rye](#)

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[Kidbrooke](#)

Electrical safety certificate

[Upper Sydenham](#)

SE23

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[Herne Hill](#)

gas engineer SE25

[South Norwood](#)

shower installer SE25

[Elmers End](#)

SE25

[Norwood Junction](#)

### **burst pipe emergency plumber service**

SE26

[Sydenham](#)

SE26

[Sydenham Hill](#)

heating and plumbing engineer in

[Lower Sydenham](#)

SE26

[Upper Sydenham](#)

### **Gas boiler services**

SE27

[West Norwood](#)

commercial and domestic gas plumbing engineer SE27

[Tulse Hill](#)

family run Plumber SE28

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trusted gas engineer plumber in Abbey Wood

[St. John's](#)

London Bridge