



***“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"***

## **Example of Underfloor Heating Manufacturers that we deal with**

<http://www.warmup.co.uk> WARM UP underfloor heating

<http://www.heatmat.co.uk> HEAT MAT underfloor heating

<http://www.beama.org.uk/en/energy/underfloor-heating/>

<http://www.devi.co.uk/> DEVIREG underfloor heating

<http://www.uponor.co.uk/> UPONOR underfloor heating

[www.thermo-floor.co.uk](http://www.thermo-floor.co.uk) - THERMO FLOOR underfloor heating

<http://www.ebeco.com/en/index.php> - EBECO underfloor heating

[www.invisibleheating.co.uk](http://www.invisibleheating.co.uk) - Invisible Heating Systems

<http://www.florad.co.uk/> - FLORAD underfloor heating

[www.floorheatingsystems.com](http://www.floorheatingsystems.com)

[www.enerfoil.com](http://www.enerfoil.com) - ENERFOIL underfloor heating

[www.eco-hometec.co.uk](http://www.eco-hometec.co.uk) - ECO HOME underfloor heating

[www.allbriteuk.co.uk](http://www.allbriteuk.co.uk) - ALLBRITE Underfloor heating

<http://www.thermogroupuk.com/> - THERMO

<http://www.nu-heat.co.uk> - Nu Heat Underfloor Heating

<http://www.speedfitufh.co.uk>

John Guest Underfloor Heating

## **What is a Manifold for Underfloor Heating?**

The manifold is supplied with thermostatic option heads on the return and manually regulated flow gauges on the flow manifold. If individual control is needed, actuators can be mounted on the return manifold. The flow gauges on the flow manifold can easily be adjusted by using the key provided and adjusting the nut on the flow manifold before installing the actuators.

## **How do I operate the system?**

You will have a room thermostat in each room, to set as you desire. In one room per floor

### **How is the pipe attached to the floor?**

There are several methods of attaching underfloor heating pipes, Our most popular system is the Tacker system, where pipe is held in position with clips through the insulation. A wire grid system is available where pipework is held in place by cable ties affixed to the wire mesh. For joisted or batten floors we use a clip rail system where pipes are held by clipping into a plastic rail system. We have many other options available, please contact us for specific details.

### **Where do you install Edge insulation?**

Edge insulation should be installed around all the perimeters of each room.

### **What are the lengths of each loop?**

The pipe is marked every meter. This makes it very easy to check the length of each loop.

### **How do you lay the pipe?**

Follow the AutoCad layout drawing which we will provided for every project.

### **What is the distance between pipe and walls?**

The pipe distance from walls should be 100 mm.

### **What is the heat output?**

Maximum heat output from screeded floors is approximately 100 W/m<sup>2</sup>, the maximum heat output from timber suspended floor and floating floor is 70 W/m<sup>2</sup>. With there being higher standards of insulation in new buildings, average heat requirements for many buildings are now below 60 W/m<sup>2</sup>. For small bathrooms it is standard practice to also install warm water towel rails to give extra heat output as these areas are usually not very large.

### **How do you fill the underfloor heating system?**

The underfloor heating system should be filled with water and fully vented of air. This can best be achieved using mains water pressure through the two end caps. All valves should be closed and the flow end cap connected with a hose to mains water, with the return end cap connected to a hose laid to waste water point. One by one flow and return valves are opened and closed on loop purging them of air.

East Central & West Central London emergency plumbers EC1, EC2, EC3, EC4. City of London local emergency plumbers WC1, WC2 West end London W1,W2, W3, W4, W5, W6, W7, W8, W9, W10, W11, W12, W13, W14 Northwest London 24 hour good gas corgi engineers NW1, NW2, NW3, NW4, NW5, NW6, NW7, NW8, NW9, NW10, NW11. East London emergency reliable plumbers E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14, E15, E16, E17, E18 Emergency 24 Hr family run recommended plumbing heating engineer Essex RM1, RM2, RM3, RM4, RM5, RM6, RM7, RM8, RM9, RM10, RM11, RM12, RM13, RM14, RM15, RM16, RM17, RM18, RM19, RM20, IG1, IG2, IG3, IG4, IG5, IG6, IG7, IG8, IG9, IG10, IG11 commercial domestic plumber RM1 RM2 RM3 Romford plumber RM4 RM5 RM6 RM7 Dagenham, Ilford plumber RM8 RM9 shower installer RM12 Dagenham cooker repair Havering boiler service Dagenham RM12 Havering Plumber boiler breakdown Morecambe close cooker and boiler breakdown service Hornchurch RM13 Rainham RM14 Upminster family run plumber RM15 South Ockendon plumbing heating engineer RM16 RM17 Grays RM18 Tilbury RM19 Purfleet RM20 Grays Romford, Rainham, Hornchurch gas engineer Chigwell, Ilford 24 Hr gas engineer Essex plumber Bexley, Bexley Heath gas engineer Biggin Hill 24Hrs emergency plumbing and heating services Blackfen Blackwall Woodgreen. Emergency 24 Hrs plumber IG7 Chigwell IG11 Barking IG2 Redbridge commercial & domestic heating gas plumbing engineer IG10 Loughton boiler repair and installation Ilford plumber IG8 Woodford green gas engineer IG9 Buckhurst Hill boiler repair and service IG10 Loughton Bromley & Kent BR1, BR2, BR3, BR4, BR5, BR6, BR7, BR8 Solar panel hot water heating systems installer Emergency 24 Hrs plumber in BR1

[Bromley](#)

Solar hot water heating systems installer BR1

[Bickley](#)

BR1

[Downham](#)

gas engineer BR2

[Keston](#)

electrical safety certificate BR2

[Hayes](#)

boiler repair & services BR2

[Bromley Common](#)

BR2

[Shortlands](#)

family run plumbing and heating engineer plumber BR3



[Beckenham](#)

24Hrs Plumber in BR3

[Eden Park](#)

BR3

[Elmers End](#)

gas cooker , fire repair BR4

[West Wickham](#)

gas safe registered engineer BR5

[Orpington](#)

time out recommended Plumber BR5

[St Mary Cray](#)

commercial barbeque

*cooker maintenance and repair London*

BR5

[Petts Wood](#)

trusted gas engineer in BR6

[Orpington](#)

BR6

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Park boiler installer BR6

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BR6

[Pratt's Bottom](#)

water heater repair BR6

[Chelsfield](#)

emergency water leak family run Plumber BR6

[Well Hill](#)

Elm Walk

commercial & domestic heating plumbing service engineer BR7

[Chislehurst](#)

24 Hrs Plumber in BR6

[Elmstead](#)

Electrician BR8

[Swanley](#)

bromley Plumber gas heating engineer BR7 BR8 Bromley Solar hot water heating systems installer, LPG cooker boiler breakdown service

[Farnborough](#)

Park,

Elm Walk commercial domestic awarded gas engineer in Farnborough