

Example of commercial Underfloor Heating and domestic 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 London emergency 24 Hrs commercial and domestic heating plumbing, LPG cooker, boiler service and repair 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 Commercial Heating Mechanic Repairs , Clima Roca Roof Top Air-conditioning Specialist, Commercial buderus Boiler Specialist, Ideal Concord commercial heating engineer, Lotus Commercial Fryers Repairs, Commercial Lotus Fryer specialist, commercial wood fuelled boilers, Biomass Commercial Wood fuelled heating installation, Commercial Wood fuelled central heating boiler specialist E1 Aldgate East E1 Commercial Road , E1 Whitechapel, Wapping E1 Mile End Road E1 Spitalfields Emergency Hamworthy commercial boiler installers E1 Stepney Green,E1 Mile End , E1 Shadwell Emergency commercial boiler engineers E2 Shoreditch,E2 Sewardstone Solar hot water heating systems installer E2 Victoria Park Plumber E2 boiler installation E3 Bow Church commercial and domestic gas engineer E3 Bromley gas safe registered engineer , LPG cooker E3 Bow E3 Devons Road ,E3 Old Ford E3 Mile End Emergency 24 Hrs plumber E4 Chingford E4 Chingford Green plumber trusted E4 Chingford Hatch water

leak family run gas engineer plumber E4 Island Gardens , E4 Hale End electrical safety certificate, LPG boiler service Gilwell Park E4 Highams Park commercial domestic repair and service West Ham E15 Commercial boiler installation West Ham boiler replacement West Ham boiler installer West Ham E15, Canning Town E16 boiler installation Canning Town boiler replacement Canning Town boiler installer Canning Town E16 Plumbers Canning-Town-E16 , North Woolwich, North Woolwich boiler replacement North Woolwich boiler installer E16 North Woolwich E18 South Woodford 24HR Commercial Wood fuelled boiler replacement South Woodford boiler installer South Woodford E18, East central london commercial boiler installers East-central-london Plaistow 24 Hours Commercial boiler replacement Plaistow boiler installer Plaistow E13 , Plaistow-E13 Poplar E14 boiler installation Poplar boiler replacement Poplar boiler installer Poplar E14 Poplar-E14, Millwall E14 Commercial Biomass Commercial boiler installation Millwall boiler replacement Millwall Commercial Heating installer Millwall E14, Limehouse E14 boiler installation Limehouse boiler replacement Limehouse boiler installer Limehouse E14 Limehouse, Isle of Dogs E14 boiler installation Isle of Dogs boiler replacement Isle of Dogs boiler installer Isle of Dogs E14 , Docklands E14 boiler installation Docklands boiler replacement Docklands boiler installer Docklands E14 Canary Wharf E14 boiler installation Canary Wharf boiler replacement Canary Wharf boiler installer Canary Wharf E14, Canary-Wharf, Stratford E15 boiler installation Stratford boiler replacement Stratford boiler installer Stratford E15 Commercial heating engineers in London, Bakery oven Repairs, Baking oven emergency breakdown, Cooking oven specialist, Commerical catering appliances, Commercial catering ovens, Commercial catering ovens , Commercial Griddles , Kabab making machine reapiir and servicing, Kabab Cater-Grills & Roller Grills , Pizza oven grill machine 24 Hours repair , Commercial Fryers in pub & restaurant, E15 Pudding Mill Lane E15 West Ham E15 Stratford E16 Canning Town commercial domestic gas engineer E16 Custom House Radiator leak Radiator breakdown services and repair E16 North Woolwich E16 Silvertown E16 Victoria Docks Emergency 24hrs plumbing heating Service in London E17 Blackhorse Road E17 Higham Hill E17 Walthamstow E17 Walthamstow Central, Upper Walthamstow emergency east London plumber E18 South Woodford Solar hot water heating systems installer, cooker boiler breakdown and electrical repair engineer, Trusted E14 Canary Wharf 24HR Devireg Underfloor Heating Install E15 Pudding Mill Lane Underfloor Heating Breakdown E16 Silvertown E17 Higham Hill E18 South Woodford