

Telephone House, High Street, Southampton



A complete sanitary manifold set, the MULTIPLEX is shown here. This has been pressure tested and is ready to be plaster boarded in. Note the simple wooden battens used to support the pipe.

Site Summary

This is a full refurbishment of an old office building, BT House, into 100 residential apartments, from 1 to 2 bedroom, with some penthouses.

The Application

Sanitary plumbing for bathroom and kitchen.

The Solution

The WRAS certified MULTIPLEX PLUMBING MANIFOLD, with **15mm PolyButylene WRAS approved pipe** to BS7291 used as distribution pipe work. The manifold is supplied with 22mm copper pipe. The manifold was situated in a low cost recessed plastic cabinet, inside the metal frame stud wall.

The manifold pipe runs rise up into the ceiling void (the space below the block and beam construction). It is placed inside a conduit which is insulated.

The Benefits

Simple single point of management, with marked up hot and cold isolator taps. This allows independent isolation of each outlet. This is accessible by the occupant, in case of emergency, and also a maintenance engineer, should he be called in.

The Players

This was a Linden Homes Southern site, and the M&E contractor was KA Watts.

Radiator System
Manifolds

**Plumbing
Manifolds**

UFH System
Components

Zone
Controls

Fitting
Systems

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The 15mm PB pipe rises up the inside of the metal stud wall, and goes into a plastic flexible conduit that is insulated. These isolated pipe run through the ceiling void and drop down to the terminal fittings.



The plastic housing cabinet is recessed directly into the metal stud wall. It has knock out panels to allow the pipe to rise out of the top.



The back of the plastic cabinet is flush with the metal stud wall. The two simple wooden battens support the pipe runs.



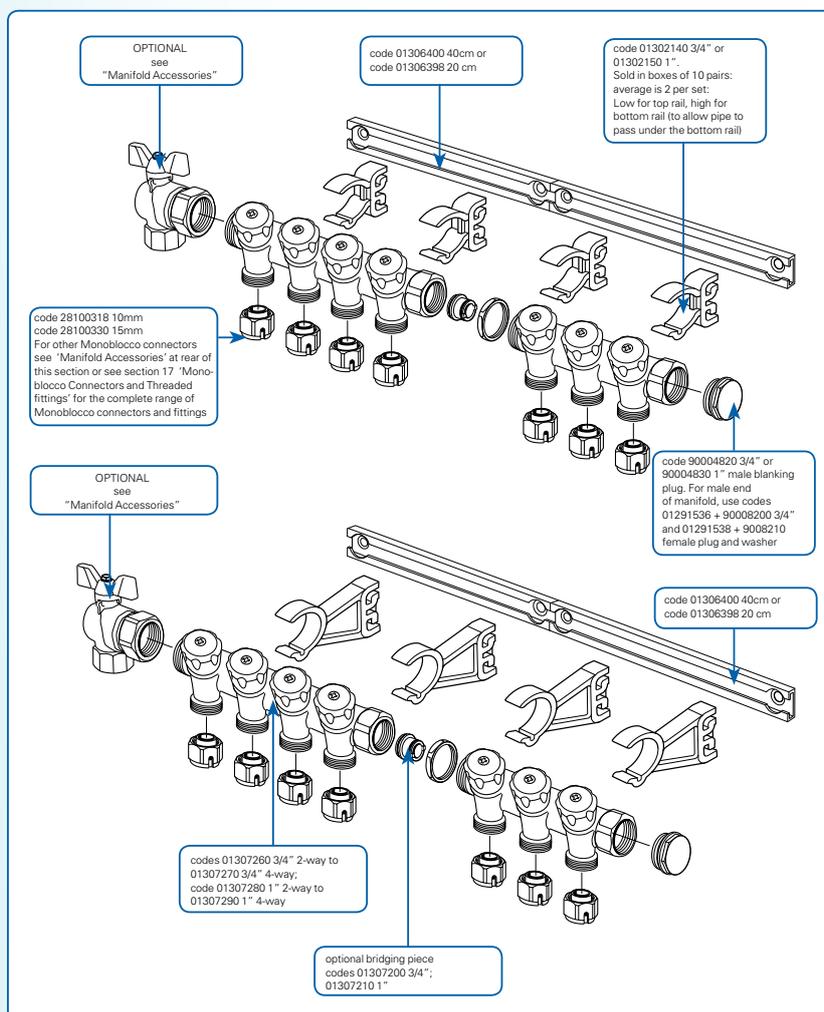
Installed at first fix, the pair of elbow isolator ball valves help to isolate for pressure testing, and identify the hot and cold manifolds.



The completed Telephone House refurbished site, now fully occupied

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Multiplex manifold assembly: exploded image of fully assembled kit



Certificate No. 1006046

Schematic example of bathroom plumbing manifolds

