



Water Supply Requirements

As a guide, we recommend that you provide a minimum 32 mm (domestic sprinkler system) or 63mm (residential) incoming supply pipe with, usually, a 28mm connection from that supply to the Homesafe valve set location*. The distance from the main to the point of entry will affect the pressures and the above sizes should not extend more than 10.0 metres.

The contractor/client must provide a tee off the incoming supply at no less than the above sizes with a full bore lever valve on the sprinkler branch to allow Homesafe to make their final connection.

The connection to the main should be full bore to the sizes indicated above and account should be taken of the length of pipework from the mains connection to the sprinkler design point (Valve set). The connection to the main should be such as not to significantly restrict the flow, such as by the use of ferrule or similar.

Where the supply passes through a water meter then this should be suitably sized. The minimum recommendations are 20mm for a domestic sprinkler system. A residential system requires a dedicated supply or stored water and booster set..

Old lead mains and shared supplies are generally not suitable to serve a sprinkler system and further advice should be sought from the Homesafe design office.

**The sprinkler system is dependant upon the flow and pressure shown on the Homesafe design drawings and it is the client's responsibility to provide this, irrespective of any guidance given above. If this cannot be achieved then an alternative arrangement will need to be designed.*

We have provided you with a water supply form to help assess the actual pressure and flow on the incoming mains. However, we appreciate that this often cannot be verified until we have commenced installation, and sometimes, if the water supply has yet to be connected, not until we are in the final phase of installation.

It may be prudent to design in pumps from the start, as retrofitting towards the end of installation will add disproportionate costs. This should be discussed in detail with Homesafe prior to the start. Where we have provided a price for the installation of a pump concurrent with installation, please note that a surcharge of 50% will apply for pump orders placed after Homesafe's final commissioning visit.



For further details contact:

The Homesafe Group,
Trident One, Trident Business Park,
Styal Road, Manchester M22 5XB
United Kingdom
t 0870 446 0011 f 0870 446 0021