

Before starting work:

1. Turn off central heating system and allow system to cool.
2. Isolate water supply to point of installation.
3. Drain system where necessary.
4. Protect area close by as some water spillage may occur.

To fit valve to radiator/tower radiator:

1. Remove existing radiator valves by undoing the union nuts.
2. The fixed tap head or flow valve (wheelhead) must be fitted onto the input side of the radiator. This is used for local temperature control & can be adjusted by turning the tap.
3. The loose tap head or return valve (lockshield) must be fitted on the output side of the radiator. This is used to balance the temperature on the whole system and has loose fitting head which prevents tampering once it has been set.
4. Wrap PTFE tape around all male threads.
5. Remove the union pieces from the radiator and replace with corresponding parts from new valves.
6. Repeat to fit lockshield. The valve can be adjusted by removing the tap head & turn stem with pliers. To expose stem, unthread porcelain top and unscrew the head.

To fit compression joints to existing pipework:

1. Ensure that tube ends are cut square and deburred.
2. Always use a pipe cutter (not a hacksaw).
3. If using plastic pipes ensure that all pipe ends are fitted with a pipe stiffener.
4. Remove chrome compression nut and olive from fitting.
5. Slide chrome compression nut & olive onto supply pipe.
6. Ensure tube is fully pushed into fitting.
7. Slide compression nut and olive onto fitting and tighten by hand.
8. Hold fitting firmly and tighten nut with spanner by 1 – 1 ¼ complete turns. Do not over-tighten.
9. Turn on water and check all joints are watertight.
10. Turn on heating appliances.

Do not over tighten as olives may become distorted and cause a leakage.

Ensure that continuity of any earth connection is not impaired when connecting plastic fittings with existing copper pipes.

Check there is no risk of damage to adjacent gas or electricity supply.

Some work is subject to regulations.

If in doubt contact a qualified plumber.