

Only use Intra isolation valves with flat face union connections, this enables the JIG to be removed from the fixed pipework, and the HIU to be installed later without moving the fixed pipework.

First fix JIG - Part Code HI2ACJIG

Contents

Metal frame HIU template.

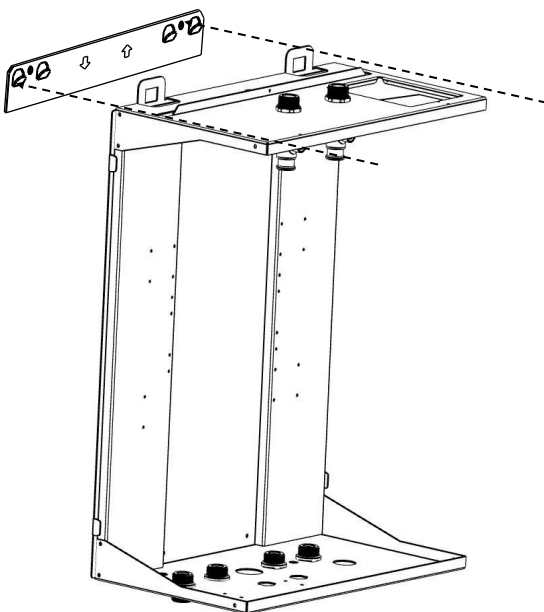
Description

The JIG is made to the exact dimensions of the Hiper II HIU and it's connections. This enables all or part connecting pipework to be made at first fix stage using the Hiper II isolation valve kits.

Fitting Instructions

1. For the JIG first fix method, the Isolation valve must be ordered in advance.

HIACPFKIT	Primary only first fix kit, use with Hiper first fix JIG. 3/4" isolation valves, flat face union connection. 1 x red handle and 1 x blue handle ballvalve. For the two upper connections. When the order is placed for the HIU, these can be forwarded on free of charge
HIAC03BVPACK	Pack of 4 Secondary Ballvalves Pack Wras approved for the four lower connections. For first fix of the heating, hot water and cold water connections. This pack must be ordered in advance so is on site ready for the JIG pipework installation. The pack is an HIU accessory and invoiced separately. 3/4" isolation valves,



2. It is the installer's responsibility to ensure that the place of installation and wall is suitable.

An unsuitable location or provision of adequate supplies (Primary Heating and Cold Water mains) will not justify any warranty or fault claim;

- The wall must be capable of bearing the weight of the HIU filled with water permanently
- Locations where access is restricted for maintenance, see page 3.
- The HIU is only for WALL MOUNTING in the orientation shown in this manual.
- Locations where criminal damage or illegal tampering cannot be reasonably preventable.
- Locations where discharge pipe is not able to be safely or legally installed and connected
- Supplies which are not suitably clean, and free from contaminants.
- Supplies which contain chemical contaminants.
- Supplies with inadequate flow or pressure (less than 1.5 bar)
- All cold and hot water pipes must be labelled and insulated in line with Part L of the Building Regulations

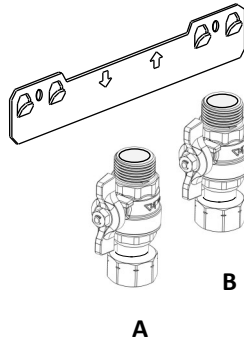
Cold water mains supply should be protected from excessive high pressures.

A Pressure Reducing Valve is recommended and pre-set to 3 bar.

Plumbing Connections UPPER

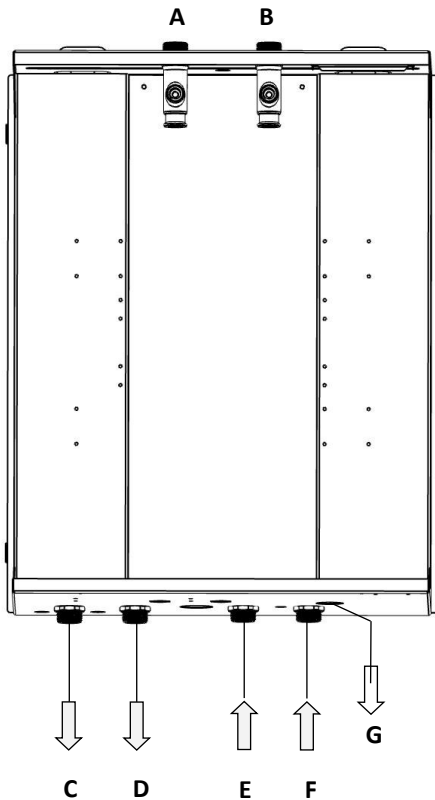
- A Heat Network Flow
- B Heat Network Return

Make connections with
 HIACPFKIT
 Isolation valves
 3/4" F Union nut x 3/4" M
 and wall bracket



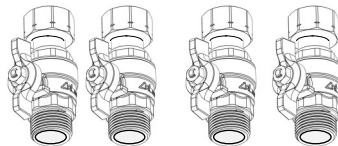
HIACPFKIT

Primary only first fix kit, use with Hiper first fix JIG
 A - use red handle
 B - use blue handle
 3/4" F Union nut x 3/4" M



Plumbing Connections LOWER

- C 3/4" Heating Flow (radiators or underfloor heating).
- D 3/4" DHW Supply
- E 3/4" Cold Water supply
- F 3/4" Heating Return
- G 1/2" Safety valve discharge



HIAC03BVPACK

C & D - use red handles
 E & F - use blue handles
 3/4" F Union nut x 3/4" M

3. Mount the wall bracket as per the HIU installation instructions.

4. Hang the JIG in the position of the HIU.

5. Make the isolation and pipework connections as shown.

6. run the safety valve discharge pipe to the position on the JIG, as per the HIU installation instructions.



Allow for movement of this pipe for when the HIU is installed it will need to move and a 15mm x 1/2" male connector added to make the connection to the 1/2" F safety valve.

7. when all the pipes are in place and connected to the isolation valves fitted to the JIG, close all the isolation valves.

8. undo the union nuts on the isolation valves and slide out the way, tilt the JIG from the bottom upwards until the JIG can be safely removed.

Wall bracket and valves and pipes are in position ready to receive the HIU at a later date.

Repeat as required, the JIG is an installation tool.