



## Flushing bypass kit C part code H12ACKITC

### Contents

- 2 qty brass MxM nipples with O ring seals to connect the By pass kit to the block
- 2 qty copper bends with union nuts
- 1 qty isolating ball valve.
- 4 qty small fibre gaskets
- 4 qty large fibre gaskets
- 2 qty 3/4" MxF brass tee manifolds

### Description

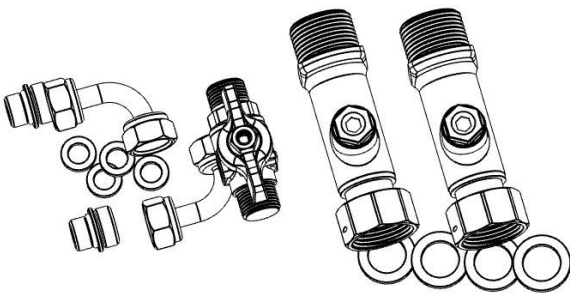
Flushing bypass kit C (External Valve)

On installation, can be fitted outside the HIU, onto the HIU primary connections, inlet and outlet, and with the control valve closed the bypass allows flushing of the system without debris accessing the HIU.

The installer should adhere to best practice guide for flushing and on completion always makes sure the bypass is closed or removed.



**KIT C can only be installed at the time of the HIU installation or at the First Fix Stage.**



### Fitting Instruction

1. Install the Heat Interface Unit as per the Hiper II installation instructions (IOI).
2. Fit the primary isolation valves as per the IOI, keeping the primary flow and return in the correct position, using the fibre gaskets as seals and make watertight.
3. Close the isolation valves, and keep closed until the primary system has been flushed of all installation debris!
4. Fit the 3/4" MxF brass tee manifolds onto the isolation valves, using two of the large fibre gaskets to make the seal.
5. Assemble the elbows and isolation valve, using the fibre gaskets to seal, and tighten the two union nuts on the pipe to the brass tee manifolds. Use the small fibre gaskets to seal.
6. Connect the primary pipework, with flow pipework and return pipework connected to the HIU as per the HIU installation instructions (IOI).
7. Installation complete



Refer to installation and operating instructions (IOI) for Hiper II HIU



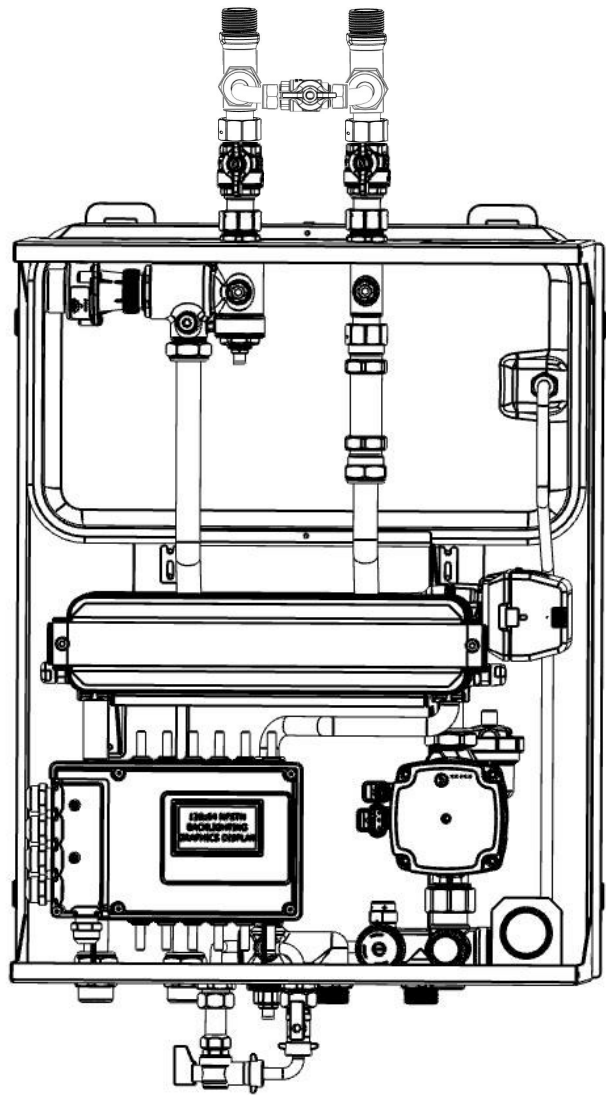
## Flushing

Do not open the HIU primary isolation valves until the system has been flushed of all installation debris and contamination .



Best practice  
Refer to ICOM  
<http://icom.org.uk/factsheets/>

Water Treatment and Conditioning of  
Commercial Heating Systems Guide



Heating Secondary side please note.  
BS 7593 : 2019 for domestic heating systems

- fitting of a permanent in-line filter is required in addition to a chemical clean and fresh water flush before inhibitor is added
- An in-line filter should be fitted to ALL systems
- All recommended cleaning methodologies can be improved with external magnetite capture equipment and mechanical vibration of radiators – IntaKlean Compact
- A water test is required to test the level of inhibitor and cleanliness of the system every year
- Inhibitor should be re-dosed every five years or a full system water test undertaken
- BS 7593:2019 is now applicable to both closed loop heating and cooling circuits

Biocide is required in cooling and low temperature heating systems, and should be considered for higher temperature systems for added protection during downtime



IntaKlean Compact  
Part code IKCMF34