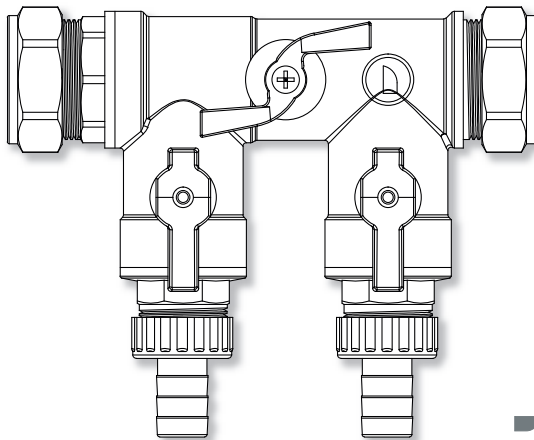


inta

Fill & Flush Valve

INFAF22 & INFAF28

Installation and Maintenance Instructions



inta

Intatec Ltd
Airfield Industrial Estate
Hixon
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ST18 0PF

In this procedure document we have endeavoured to make the information as accurate as possible.

We cannot accept any responsibility should it be found that in any respect the information is inaccurate or incomplete or becomes so as a result of further developments or otherwise.

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Introduction

The Inta Fill and Flush valve allows simple and easy filling and flushing in one convenient fitting.

Available with 22mm or 28mm compression fittings.

Supplied with hose outlet fittings and cover caps and straps.

These instructions cover the installation, operation and maintenance. Please read the enclosed instructions before commencing the installation of this product, please note;

We recommend that the installation of any Inta product is carried out by an approved installer.

It is recommended, especially in hard water areas, that a water softener such as the ActivFlo or ActivFlo lite be fitted to reduce the risk of calcium deposits forming.

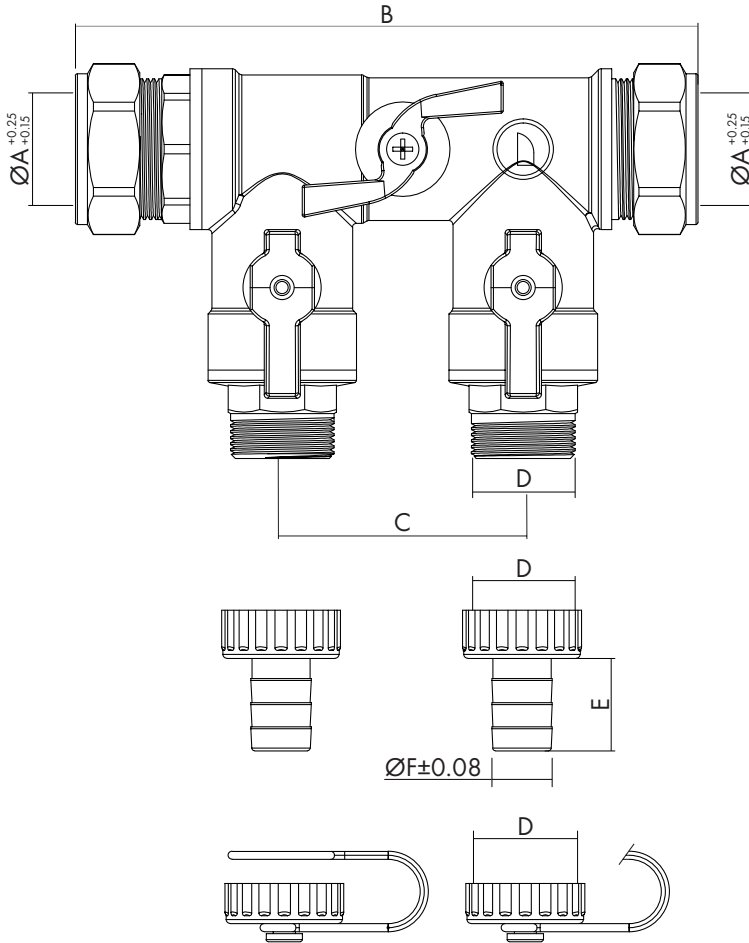
Products

Fill and flush valve with 22mm compression fittings	INFAF22
Fill and flush valve with 28mm compression fittings	INFAF28

Technical Specification

Max. pressure - static:	16 bar
Max. operating temperature:	99 °C
Min. operating temperature:	-5 °C
Medium:	water/ glycol solution
Max. glycol:	50%
Compression connections:	BS EN 1252-2

Dimensions



Code	$\varnothing A$	B	C	D	E	$\varnothing F$
INFAF22	22	110	38	G $\frac{3}{4}$	23	15
INFAF28	28	155	60	G $\frac{3}{4}$	25	15

Installation

The Inta Fill and Flush valve should be installed in a location with access to the fill and drain connections and close to a suitable drain.

The Fill and Flush valve can be installed vertically or horizontally with the drain pointing downwards.

The compression ends comply with BS EN 1252-2 for use with R250 (half hard) copper tube.

Fill and Flush the System

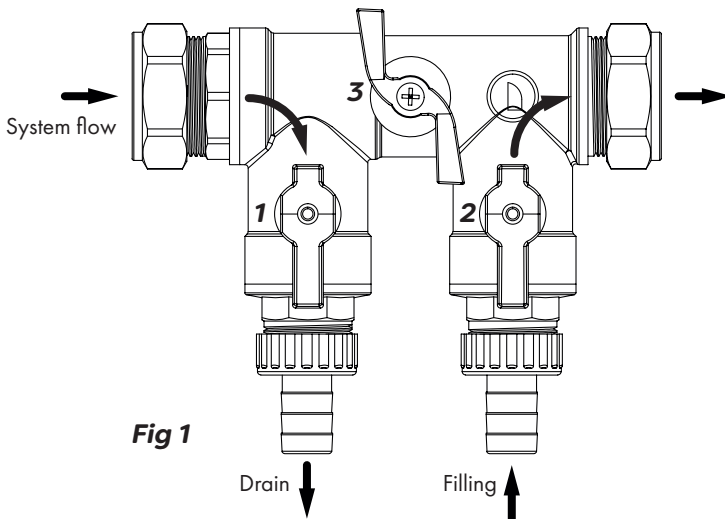


Fig 1

Connect hoses to the drain and filling connections, the filling hose to water supply and the drain hose to a suitable drain.

Turn valve 3 to direct the flow to drain and open valves 1 and 2.

Air vents should be fitted in the system, automatic or manual, the manual air vents should be opened.

Gradually fill the system with clean water or flushing solution until all the air has been released and the system is full.

Close any manual air vents and check that the automatic air vents have stopped expelling air.

Turn valve 3 back to the system flow position and valves 1 and 2 to the closed position - see Fig 2.

Pressurise and operate the system to flush the system.

Final Fill and Start Up

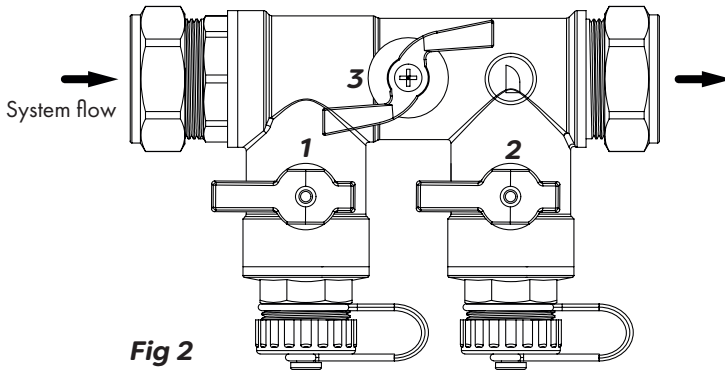


Fig 2

Open valves 1 and 2 and any manual air vents then turn valve 3 to drain position and allow the system empty through the drain port - see Fig 1

Fill the system with water treatment/glycol solution until all the air has been expelled and the system is full of liquid.

Close any manual air vents and check that the automatic air vents have stopped expelling air.

Turn valve 3 back to the system flow position and valves 1 and 2 to the closed position and operate the system to release any trapped air.

Valve 2 can be used to pressurise the system if required.

Close filling valve 2.

Fit the blanking caps provided

Notes:

Notes:

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Please leave this Manual for the User

To activate your product warranty please visit

www.intatec.co.uk

and click on Product Registration

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E & O.E

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