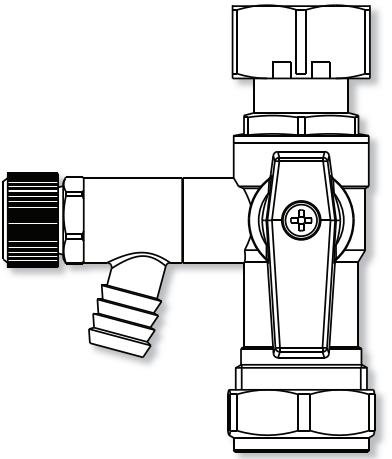
Isolation Valve and Drain

KTPEV122, KTPEV134, KTPEV28 & KTPEV1

Installation and Maintenance Instructions



Intatec Ltd
Airfield Industrial Estate
Hixon
Staffordshire
ST18 0PF

Tel: **01889 272 180**
Femail: **sales@intatec.co.uk**
web: **www.intatec.co.uk**

Introduction

The IntaFill KTPEV expansion vessel isolation valve with drain and female swivel joint combines several features into one assembly.

The KTPEV is intended for potable water service.

Available with compression fitting or male threaded outlet connection.

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

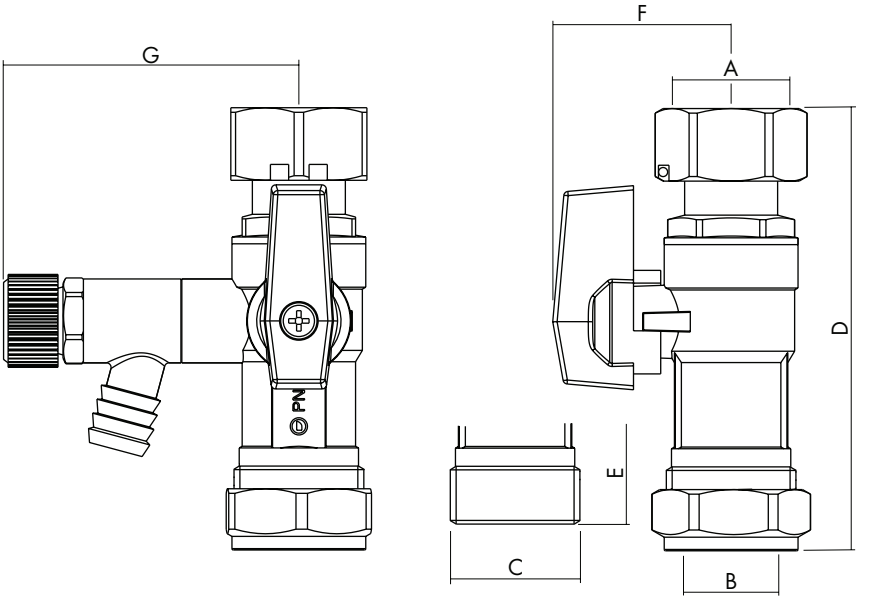
Expansion vessel isolation valve with drain 22mm x ¾" female swivel	KTPEV122
Expansion vessel isolation valve with drain ¾" M x ¾" female swivel	KTPEV134
Expansion vessel isolation valve with drain 28mm x ¾" female swivel	KTPEV28
Expansion vessel isolation valve with drain 1" M x ¾" female swivel	KTPEV1

Technical Specification

Max. pressure - static:	16 bar
Max. temperature:*	20˚C
Medium:	Potable water
Compression connections:	BS EN 1252-2
Threaded connection:	BS EN ISO 228

* potable cold water should have a maximum temperate of 20˚C to prevent bacterial growth. The assembly is capable of with standing higher temperatures if used on other services.

Dimensions



Code	A	B	C	D	E	F	G
KTPEV122	G¾	Ø22		97.5		39.3	65.1
KTPEV134	G¾		G¾		87.4	39.3	65.1
KTPEV28	G¾	Ø28		97.5		39.3	65.1
KTPEV1	G¾		G1		87.4	39.3	65.1

Installation

The KTPEV isolation valve with drain is intended to connect directly to a WRAS approved expansion vessel on potable water service.

The swivel joint connects directly to the expansion vessel with a G¾ thread.

The inlet connection can be either a 22mm or 28mm compression joint or a G¾ or G1 male thread suitable for a swivel joint connector or other pipe fitting

The KTPEV should ideally be installed vertically beneath the expansion vessel although it can be used in other orientation provided that the drain outlet points vertically downwards.

The outlet from the drain is rotatable and must point downwards and with a hose attached directed to a suitable drain.

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

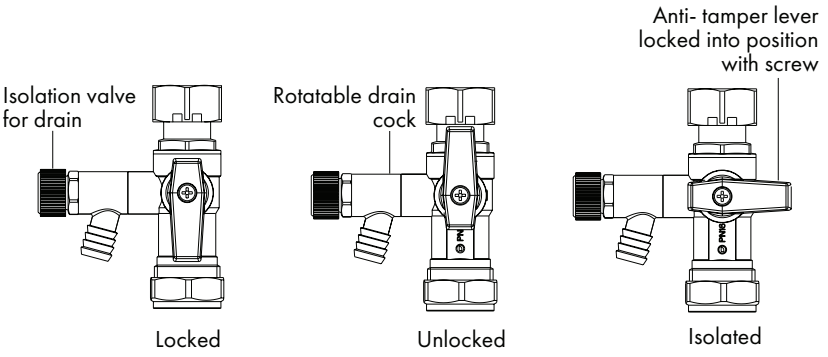
Ball Valve Locking

The ball isolating valve can be locked in two positions and operated in a third by unscrewing the lever retaining screw, removing the lever and repositioning in the required position or operating the valve.

Locked - in the locked position the valve cannot be operated and the flow is straight through the valve into the expansion vessel.

Unlocked - in the unlocked position the valve can be rotated clockwise from open and closed and back again as required.

Isolated - in the isolated position the valve is closed and the expansion vessel isolated and removed if required. The lever is locked in the closed position by replacing the retaining screw.



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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Hixon
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web: **www.intatec.co.uk**

E & O.E

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