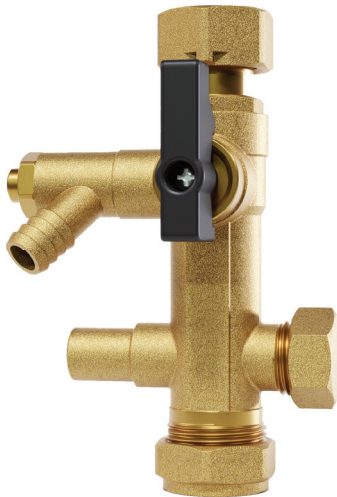


Combi Sealed System Kit

KTSSK34NB, KTSSK34, KTSSK34SRV & KTSSK34SRVNB

Installation and Maintenance Instructions



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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Warning/Caution

The installer should be aware that a safety relief valve is installed in the circuit and if in doubt one should be fitted to the Intafil combi.

Safety relief valve code: SRV012153 - available from Inta.

Introduction

The Intafil Combi KTSSK combi sealed system kit with drain combines several features into one assembly.

The KTSSK is intended for heating systems.

Supplied with a compression joint on the inlet and a swivel joint on the outlet to the expansion vessel.

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 that an in line strainer or magnetic filter, like the Intaklean HP, is fitted to protect system components.

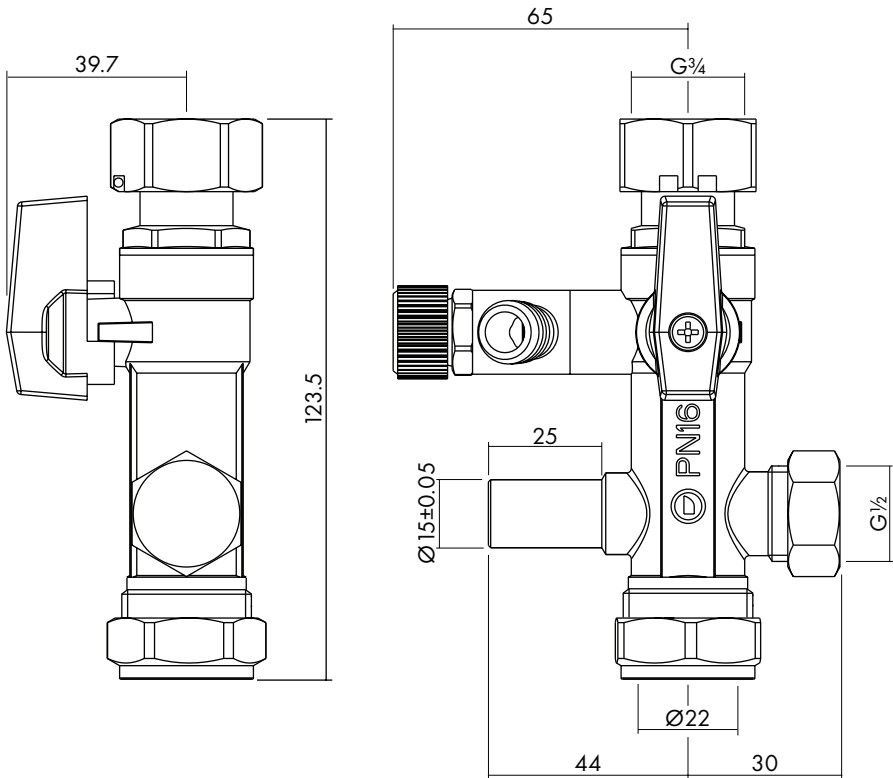
Products

Combi sealed system kit with drain (without bracket) ¾" F x 22mm compression	KTSSK34NB
Combi sealed system kit with drain and bracket ¾" F x 22mm compression	KTSSK34
Combi sealed system kit with drain, SRV and bracket ¾" F x 22mm compression	KTSSK34SRV
Combi sealed system kit with drain and SRV (without bracket) ¾" F x 22mm compression	KTSSK34SRVNB

Technical Specification

Max. pressure - static:	16 bar
Max. temperature:	85 °C
Medium:	water and glycol solution
Compression connections:	BS EN 1252-2
Threaded connection:	BS EN ISO 228

Dimensions



Installation

The Intafil combi sealed system kit with drain is intended to connect directly to an expansion vessel on heating service.

The swivel joint connects directly to the expansion vessel with a G $\frac{3}{4}$ thread.

The inlet connection is a 22mm compression joint or with the compression nut removed a G $\frac{3}{4}$ thread suitable for a swivel joint connector or other pipe fitting

The Intafil combi should ideally be installed vertically beneath the expansion vessel on the cold feed in an accessible position.

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

The kits are supplied with a filling loop and pressure gauge, which should be attached to the spigot on the cold feed and **MUST** be installed to the boiler RETURN in an accessible position.

Ensure the distance between the two valves does not exceed the length of the flexible hose.

Ensure the direction arrow on the side of the double check valve follows the direction of flow.

Connect the flexible hose between the two valves.

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.

Filling the System

- 1 Ensure all joints are water tight.
- 2 Follow the instructions supplied with the boiler - filling the heating system, open the two valves on each end of the filling loop.
- 3 Care should be taken not to over pressurise the heating system. Use the pressure gauge to view the pressure as it begins to rise, the ball valve should be used as a regulator to control the rate of pressure increase until the specified pressure has been achieved.
- 4 Once filling and pressurisation have been completed, close the both valves and **REMOVE** the FLEXIBLE HOSE.

Typical Application



Note

The expansion vessel is not supplied as standard but a range of suitable expansion vessel are available from Inta.

The mounting bracket is only supplied with the KTSSK34 & KTSSK34SRV kit.

The mounting bracket is not shown on the above photograph.

Notes:

Notes:

Please leave this Manual for the User

To activate your product warranty please visit

www.intatec.co.uk

and click on Product Registration

intafil
COMBI

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