

PHOTOGRAPH



APPLICATION

The CORE FL015 filling loop is used to fill and pressurise domestic central heating systems or in apartment blocks to fill and pressurise the secondary heating systems of Heat Interface Units (HIUs).

The filling loop **MUST** be installed in accordance with requirements of the Water Regulations Guide -1999, Schedule 2, Section 8, Paragraphs G24.1 and G24.2.

The components of the CORE FL015 filling loop meet the requirements of paragraphs G24.1 and G24.2 by consisting of;

- An approved backflow prevention device - a double check valve with integral isolating ball valve.
- A temporary connecting pipe - a removable flexible hose.
- A service valve - isolating ball valves.

A double check valve is suitable to provide protection against a fluid category 3 risk in the case of a house or similar dwellings.

After the system has been filled and pressurised the service valves must be closed and the flexible hose disconnected and stored in a convenient and suitable place until it is required again.

DESIGN

The CORE FL015 filling loop consists of a double check valve will integral ball valve, a flexible hose with union connectors, sealing washers and an isolating ball valve.

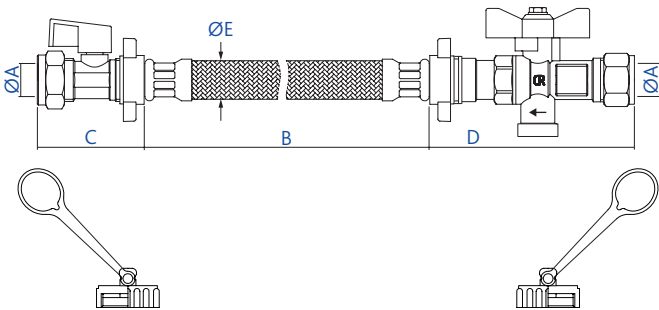
Once the system is full and vented the flexible hose must still be removed as per the regulations.

The double check valve and ball valve are manufactured in brass, all with a chrome plated finish for an aesthetic appearance.

The outer layer of the flexible hose is manufactured from braided stainless steel for strength and flexibility.

The inlet connection to double check valve and outlet connection from the ball valve is a 15mm compression joint complying with BS EN 1252-2 for use with R250 (half hard) copper tube.

DIMENSIONS



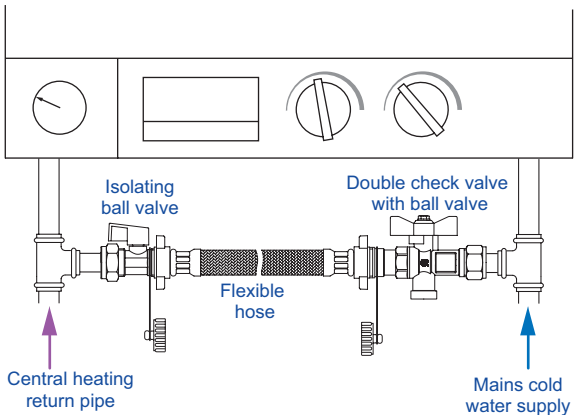
Prod Code	ØA	B	C	D	E	kg
FL015	15	400	46.2	91	14	0.422

CONSTRUCTION DETAILS

Component	Material	Grade
Ball valve	Brass	BS EN 12164 CW614N
Double check valve	Brass	BS EN 12164 CW614N
Flexible hose	Stainless St	AISI 304
	EPDM	
Compression nut	Brass	BS EN 12164 CW614N
Olive	Brass	
Cap end	Brass	
Lanyard	Polymer	PVC
Sealing washer	Elastomer	EPDM

TECHNICAL DATA

Max. inlet pressure:	10 bar
Min. inlet pressure:	0.1 bar
Max. continuous temperature:	85°C
Double check valve conforms to:	BS EN 13959
WRAS approved product	



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