

## Field of application

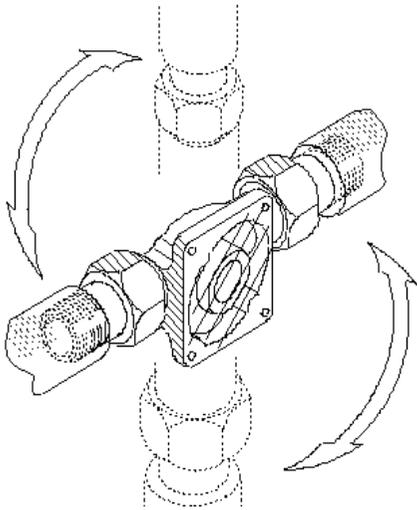
The universal flange assembly kit is used as a connection element for DRUFI filters and pressure reducer/ filter combinations.

### CAUTION

The universal flange assembly kit is to be used for Drufi FR and Drufi DFR filters, exclusively.

## Design

Universal flange with threaded fittings. Outside thread (NPT) with annular seals, asbestos-free for pipe installation. The flange can be installed in either horizontal pipe, or in vertical pipe.



Inlet pressure min. 29 psi, max. 250 psi.  
Operating medium: potable water  
Operating temperature: max. 86°F (30°C)

Pipe connection with threaded fittings

	Universal-Flange		
Thread	3/4"	1"	1 1/4"
Length* (in.)	3 7/16	3 15/16	4 2/16

\*Length of flange-body without fittings

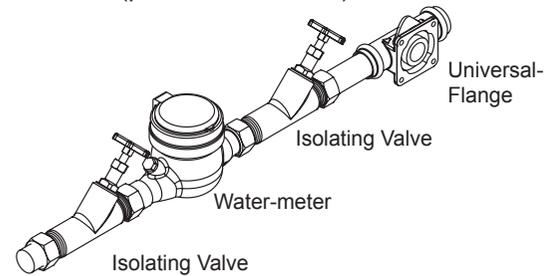
Housing bodies and fittings made of brass, for annual seals asbestos-free fibrous material.

## Installation

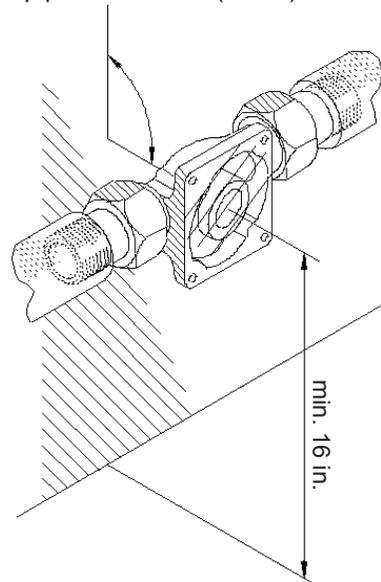
Install the flange (without attached filter) into the pipe. Installation must be performed in accordance with the direction of flow. The direction of flow is marked on the housing body by a raised arrow. The flange must be installed so that it is free of stress.

The flange has to be installed at the potable water's Point of Entry into the building to ensure best function.

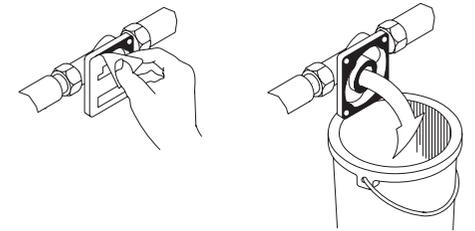
For proper function of the filter unit ensure that the flange surface is vertical (parallel to the wall).



Observe the minimum distance between floor and centerline of the pipe installation (16 in.).



Until final assembly the adhesive label which serves to protect the sealing surface is to remain on the housing flange (remove it immediately before final assembly).

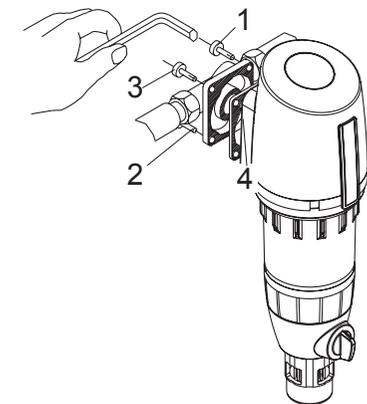


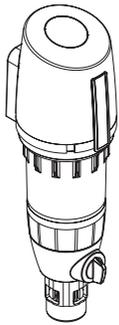
Before attaching the filter to the flange, rinse the flange with about 1/2 gallons of water into a bucket.

Before any hydraulic testing or usage, the filter unit must be attached to the flange.

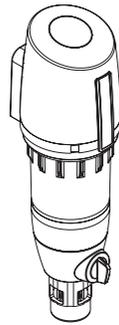
Attach filter vertically using hexagon socket screws so that it is pressure-tight. Ensure the flange seal is in correct position.

For pressure-tight connection the hexagon socket screws must be tightened in diametrically opposite sequence.

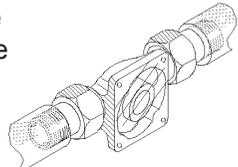




DRUFI+ DFR  
Backwash filter  
with pressure  
reducing valve

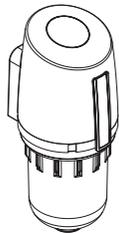
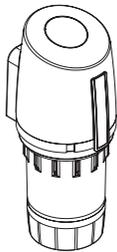


DRUFI+ FR  
Backwash filter

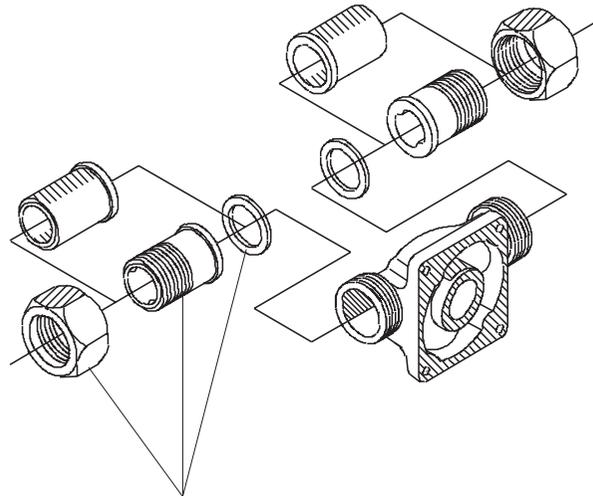


DRUFI+ DFF  
Cartridge filter with  
pressure reducing  
valve

DRUFI+ FF  
Cartridge filter



## Spare parts

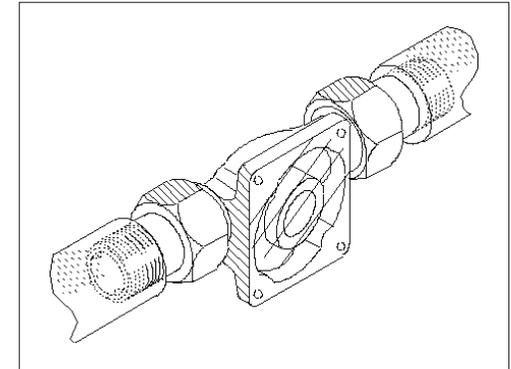


NPT 3/4"  
0831.20.900  
NPT 1" 0831.25.900  
NPT 1 1/4"  
0831.32.900

**SYR**® **ARMATUREN**

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## Instructions for Installation and Use



### DRUFI UNIVERSAL FLANGE ASSEMBLY KIT

#### CAUTION

Protect the units against frost, chemicals, dyes, solvents and vapours.

#### CAUTION

Only use cold water for any cleaning work.

Replacement manometers are equipped at the factory to be self-sealing; unscrew the old manometer and screw the new one hand-tight in full.

#### CAUTION

Only use original SYR manometers. Other models may cause damage.

#### CAUTION

Use for cold potable water installations only. Filter will only reduce the amounts of sediments as specified in NSF 42 Class IV.

#### WARNING

Instructions for installation and use must be followed.

The installation and maintenance works must be done by appropriately trained personnel. Incorrect use or installation may result in injury or damage.