

## Frese MODULA PRO DN32 Bypass Unit

### Description

Frese MODULA PRO is a compact and versatile valve system that combines the Frese range of Pressure Independent Control Valves with isolation, flushing, draining and measurement components within a prefabricated, tested and ready to install terminal bypass unit.

Each unit is supplied with isolation valves, strainer, drain/hose connection & P/T plug.



### Benefits

The Frese MODULA PRO assembly combines the many benefits of the Frese OPTIMA Compact in addition to:

#### Design benefits

- Minimized design time and risks due to the complete solution
- Guaranteed performance of the complete system

#### Installation benefits

- Compact design for limited space availability
- Minimized installation and commissioning costs
- Allows easy flushing and coil isolation
- Simple attachment to existing hangers
- Integrated fitting lug for ease of installation

#### Operation benefits

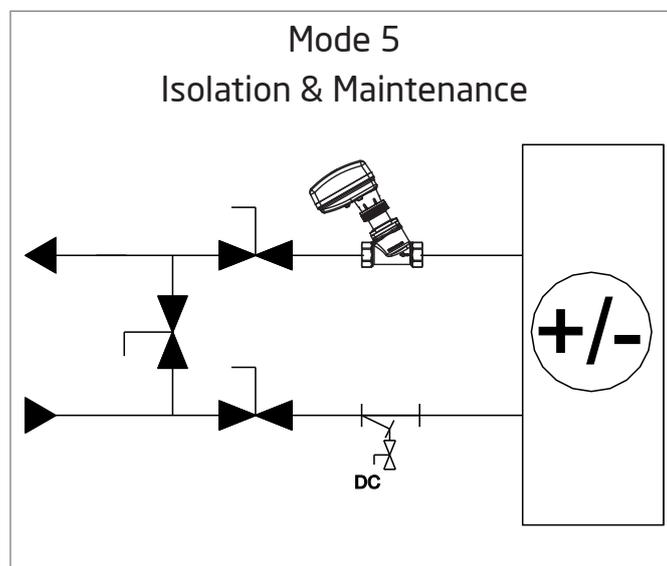
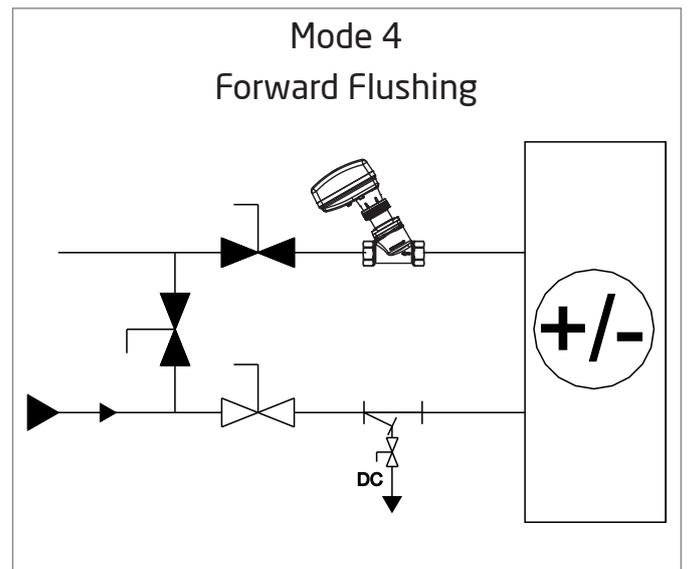
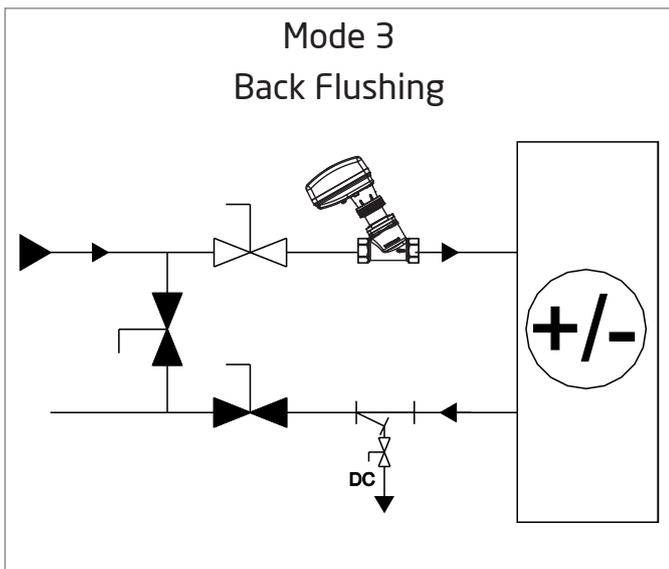
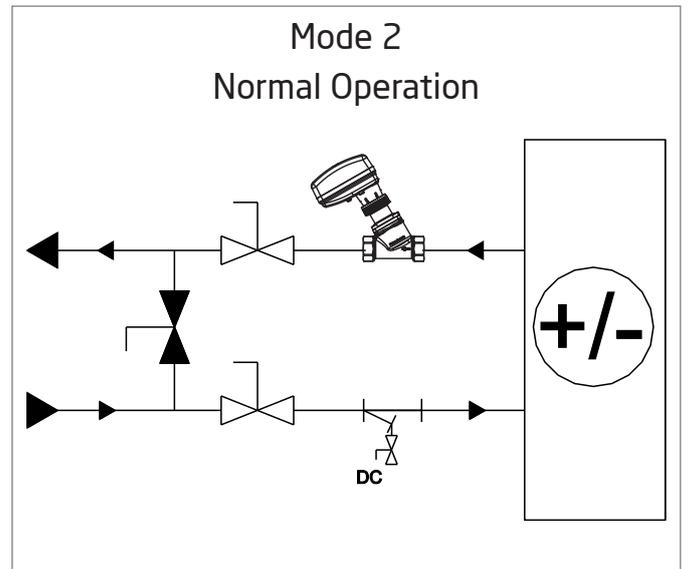
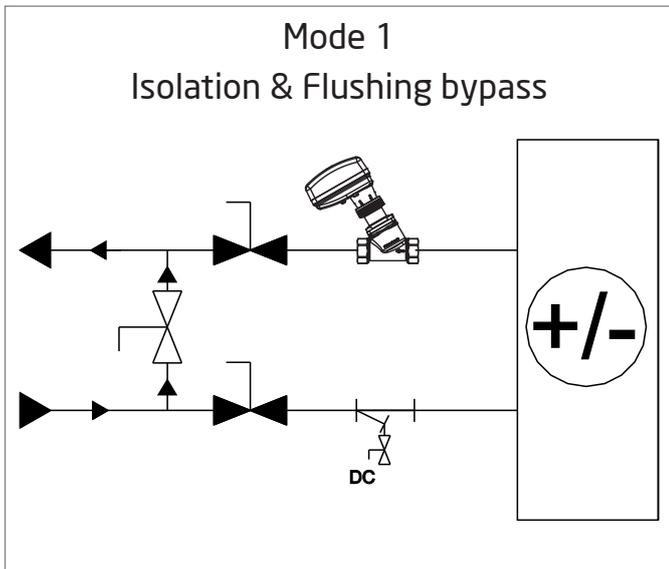
- High comfort with minimized operation and maintenance costs

### Features

- Available in DN32
- Available with 185 mm centre to centre distance
- Integrated union joints for easy valve alignment
- Three T-handle isolation valves for flow, return and bypass. Full port valves on flow and return
- Spindle extensions
- Combinations with strainer, drain/hose connection, P/T plug available

Further information on the Frese OPTIMA Compact, please refer to the relevant Technotes.

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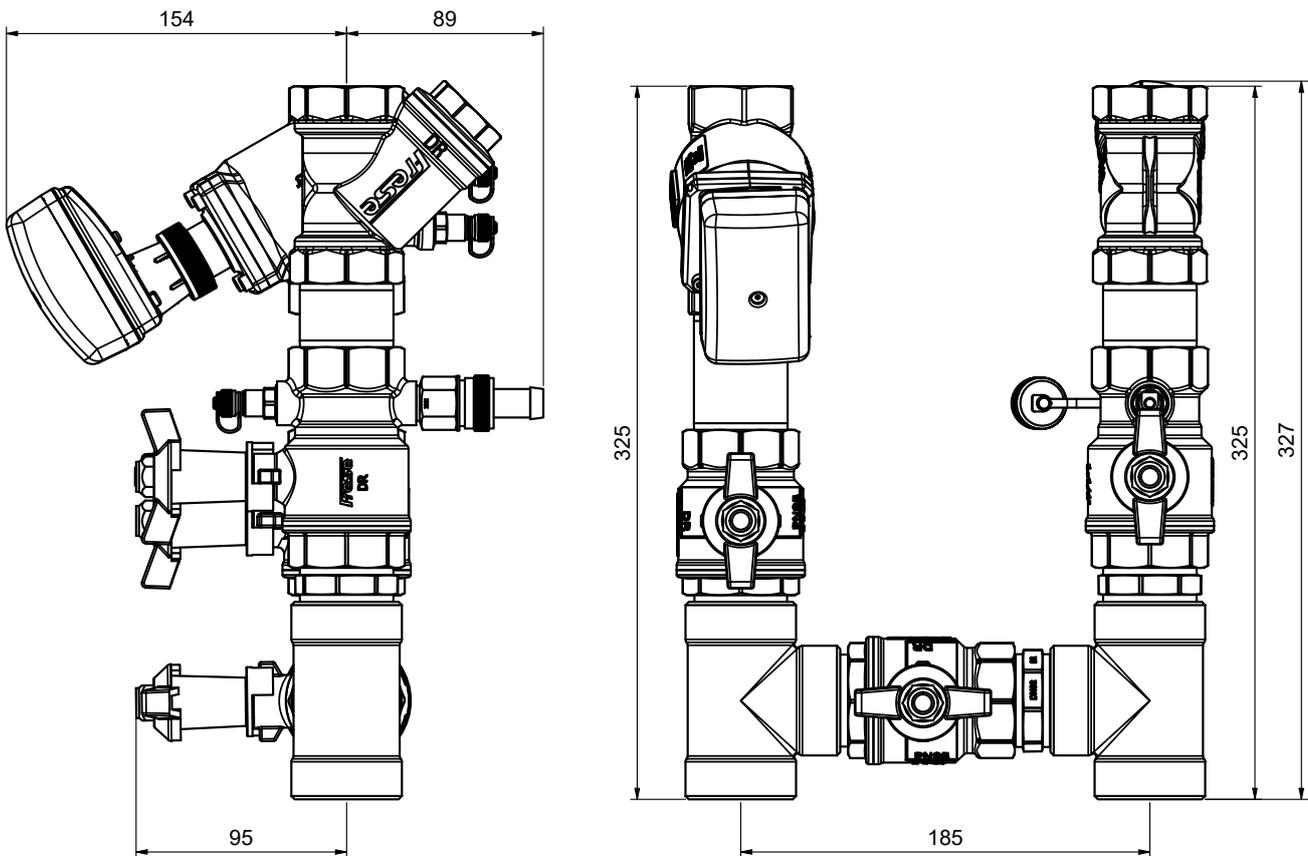




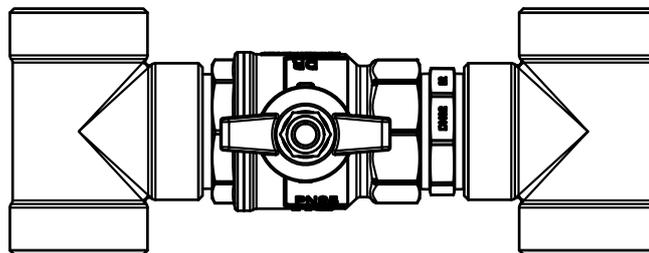
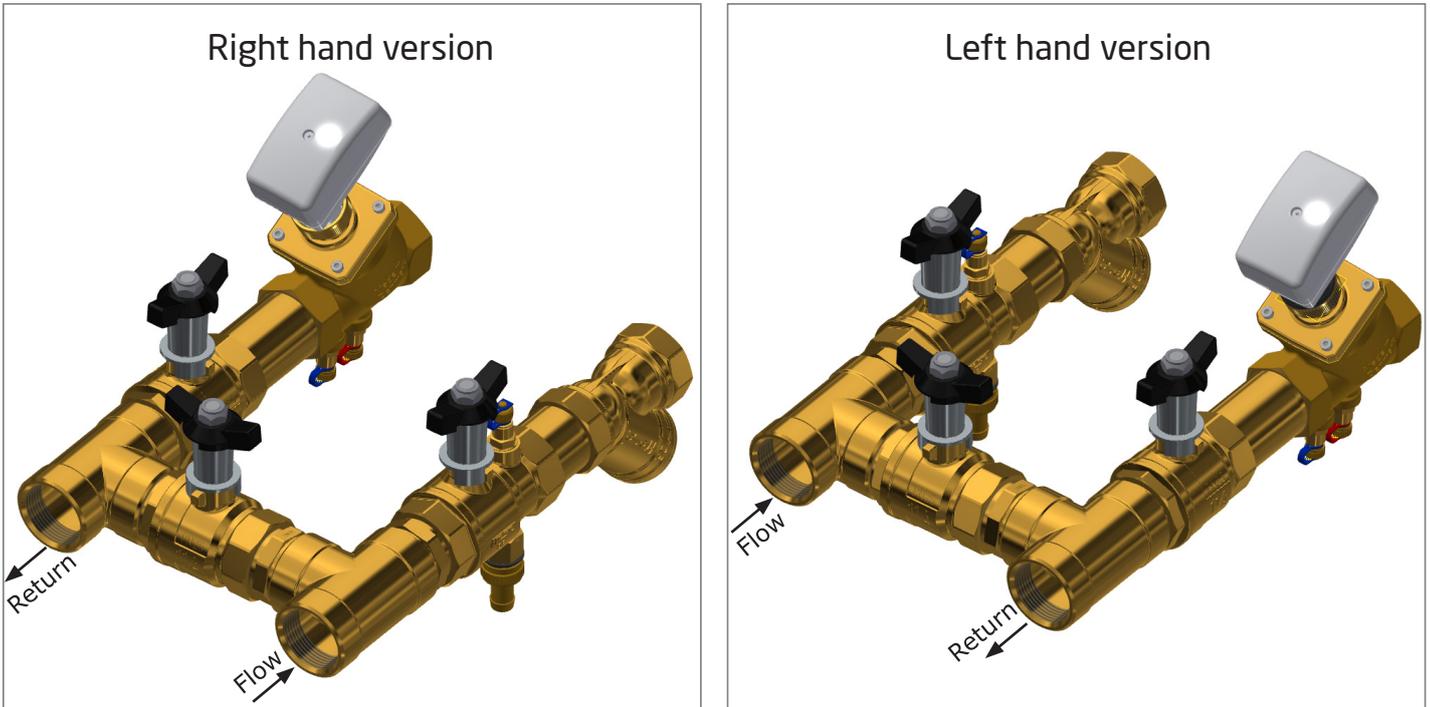
## Frese MODULA PRO DN32 Bypass Unit

### Technical data

<b>Material:</b>	DZR Brass, CW602N
<b>O-rings:</b>	EPDM
<b>Pressure class:</b>	PN25
<b>Strainer filter:</b>	
<b>Mesh:</b>	32 (0.5 mm)
<b>Strainer material:</b>	Stainless steel AISI304
<b>Ball valves:</b>	
<b>Ball material:</b>	DZR Brass, CW602N nickel plated
<b>Seat ring material:</b>	PTFE
<b>Medium temperature range:</b>	0°C to 120°C



## Frese MODULA PRO DN32 Bypass Unit



**NOTE:  
CENTER CONNECTION JOINTS  
SHOULD NOT BE DISASSEMBLED  
AS THIS CAN DAMAGE THE  
INTERNAL SEAL**

### Specification text Frese MODULA PRO:

The valve system shall combine a Pressure Independent Control Valve with a fixed 185 mm distance supply/return component. The bypass unit shall have three integral isolation valves, strainer with 1" P/T-plug, drain and hose on the supply side. The bypass unit shall have a pressure class of PN25. The medium temperature range shall be 0°C to 120°C.

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