

Frese MODULA Compact Bypass Unit

Description

Frese MODULA Compact is a versatile valve system that combines the Frese range of OPTIMA Compact pressure independent control valves with isolation, flushing, draining and measurement components within a prefabricated, tested and ready to install terminal bypass unit.

The MODULA Compact has an integral metering station for accurate flow verification.

Each unit is supplied with isolation valves, drain, P/T plug, integral metering station and OPTIMA Compact PICV.



Benefits

Design benefits

- Minimized design time and risks due to complete solution
- Guaranteed performance of the complete system
- Compact design for limited space availability
- Fitted with OPTIMA Compact PICV
- Integrated Metering Station

Installation benefits

- Compact design for installations with limited space
- Minimized installation and commissioning costs
- Allows easy flushing and coil isolation
- Easy lagging with spindle extensions
- Can be mounted directly to a terminal unit

Operation benefits

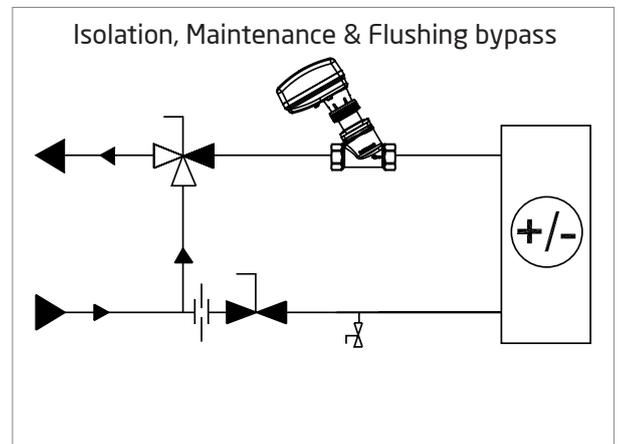
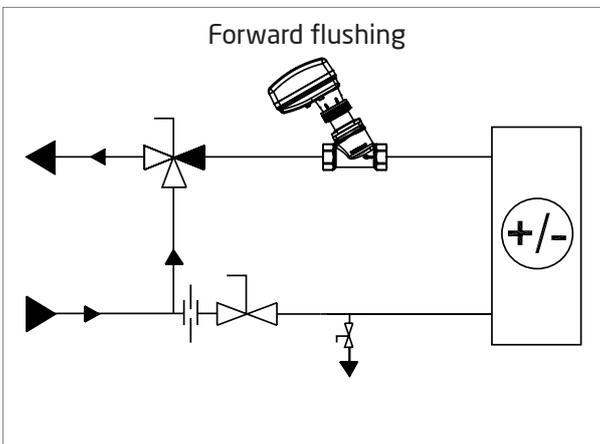
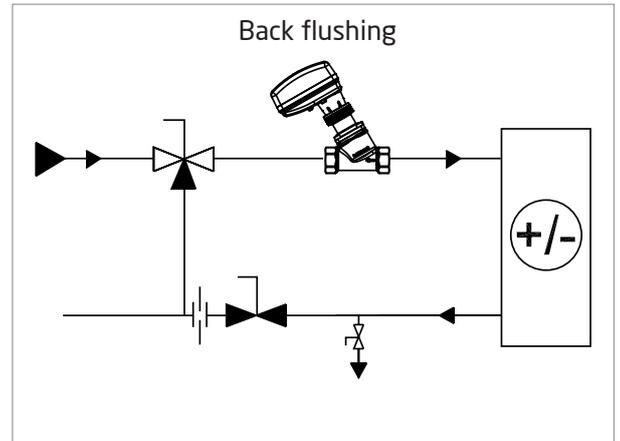
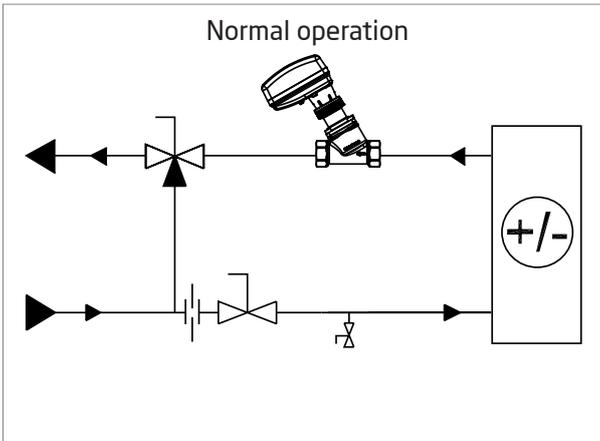
- High comfort with minimized operation and maintenance costs

For further information on the OPTIMA Compact PICV, please refer to the relevant technotes

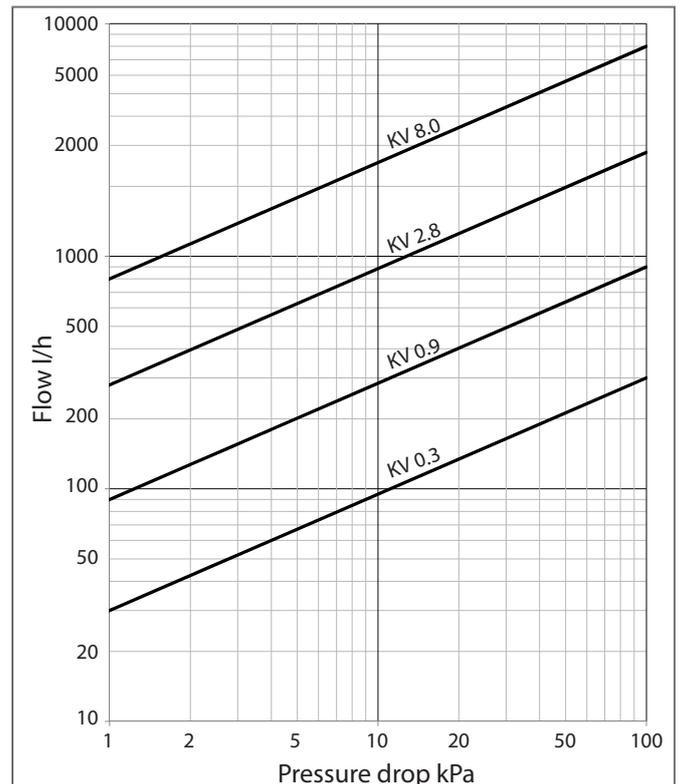
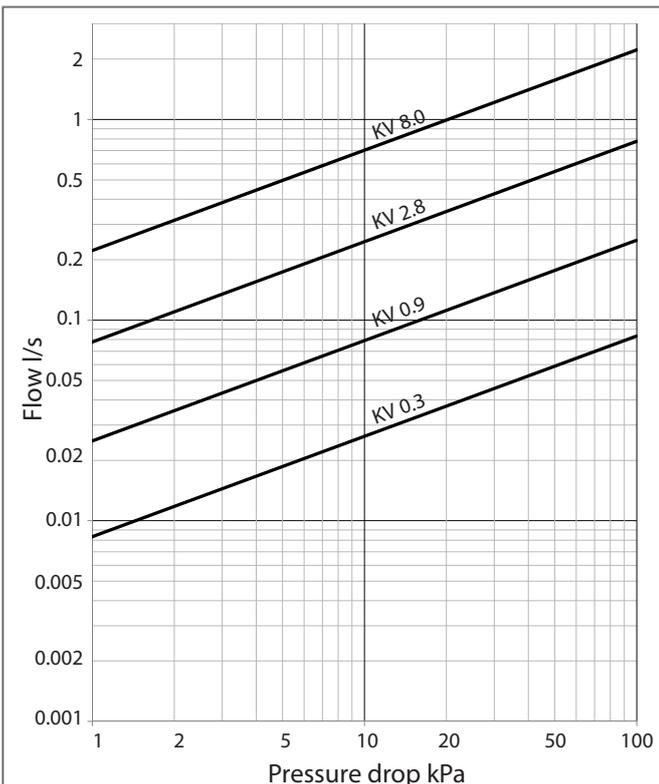
Features

- Integral metering station for accurate flow verification. Available Kv-values: 0.3 - 0.9 - 2.8 - 8.0
- Available in DN15 and DN20
- Patented Frese OPTIMA Compact PICV technology
- Compact 40mm supply/return centres on DN15 and 50mm supply/return centres on DN20
- Integrated union joints for easy valve alignment
- T-handle isolation-valves for flow, return and bypass.
- Spindle extensions available

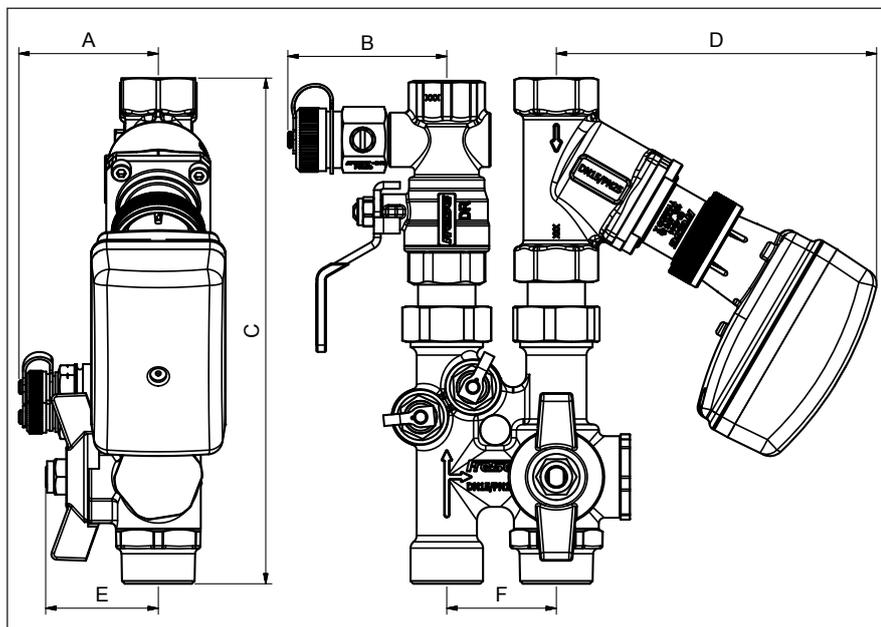
Frese MODULA Compact Bypass Unit



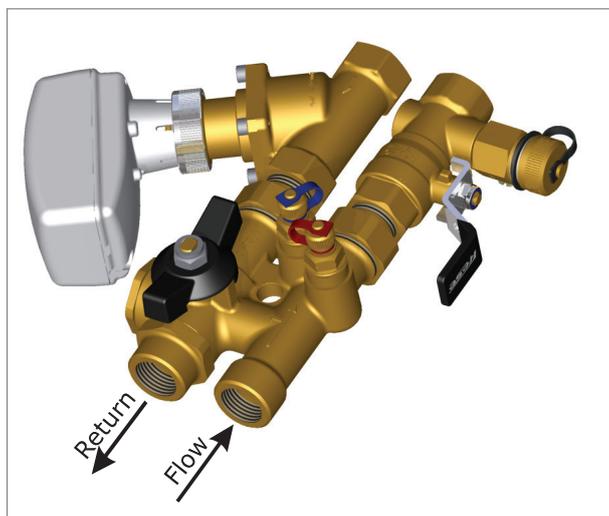
Flow graphs for Metering station



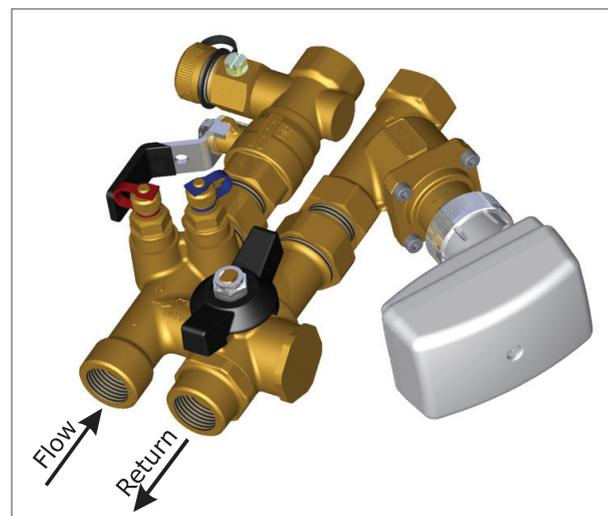
Frese MODULA Compact Bypass Unit



MODULA Compact			
mm	DN15	DN20	
A	50	50	
B	59	59	
C	186	206	
D	117	117	
E	41/88		Std./Ext Handle
F	40	50	



Right hand version



Left hand version

Frese A/S assumes no responsibility for errors, if any, in catalogues, brochures, and other printed matter. Frese A/S reserves the right to modify its products without prior notice, including already ordered products, if this does not alter existing specifications. All registered trademarks in this material are the property of Frese A/S. All rights reserved.

Frese A/S
 Sorøvej 8
 DK- 4200 Slagelse
 Tel: +45 58 56 00 00
 Fax: +45 58 56 00 91
 info@frese.dk