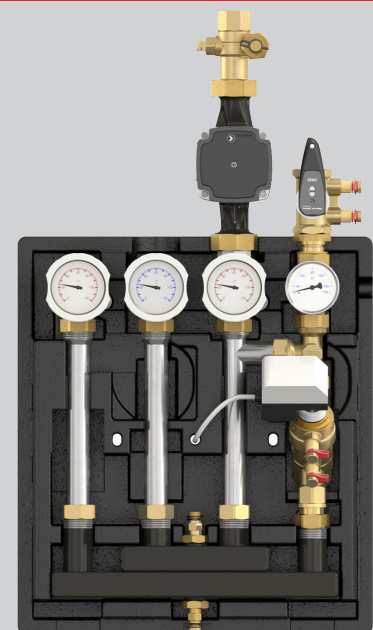


MeiFlow Shunt UD



Completely mechanically and hydraulically pre-assembled pump group with high heating capacity.

- Flow and return lines exchangeable (left/right).
- Energy-efficient thanks to EPP full insulation.
- Quality product through installation of high-quality components.
- Compact layout for space-saving integration.
- High flow rates for an increased heating capacity.





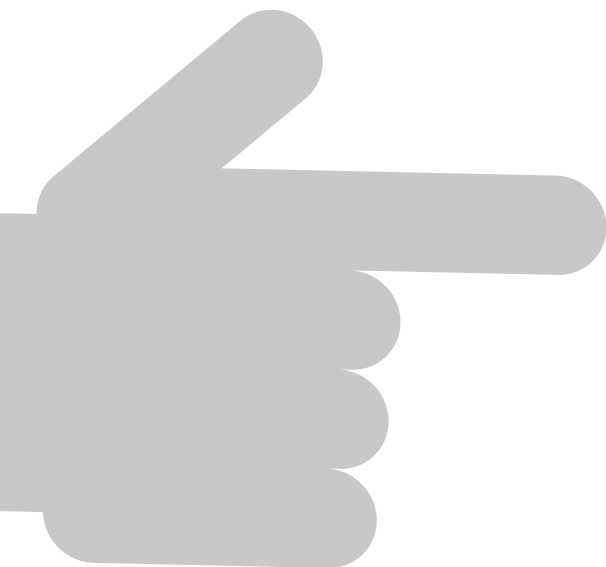
Product

The **MeiFlow Shunt UD** is a completely mechanically and hydraulically pre-assembled pump group with high flow rates for an increased heating capacity. The pump group works in accordance with the functional principle of an injection system. The flow line temperature is controlled in the return line on the primary side using the NexusValve Vivax control valve. The maximum capacity is preset by presetting the valve. The flow in the primary circuit can be variably adjusted to requirements by using the actuator. The **MeiFlow Shunt UD** also impresses with its appealing design and high-quality components. Moreover, the compact design simplifies operation as well as installation in the boiler room.



Your main advantages for a high level of customer satisfaction

- Completely mechanically and hydraulically pre-assembled.
- Energy-efficient thanks to EPP full insulation.
- High-quality and appealing design with white front panel.
- Efficient ventilation to protect the electronic assemblies.
- Compact layout for space-saving integration.
- Built with high-quality components for reliable operation over many years.
- Three contact thermometers integrated into the ball valve handle.
- High compatibility with usable pump types thanks to flexible built-in length.
- More precise control of the flow line temperature thanks to the injection system principle.
- Scope of supply includes wall bracket, circuit control valve as well as pressure-independent flow rate limiter and control valve.
- Flow and return lines can be exchanged (left/right) for simple adjustment on site and reduced warehousing.

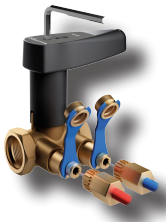
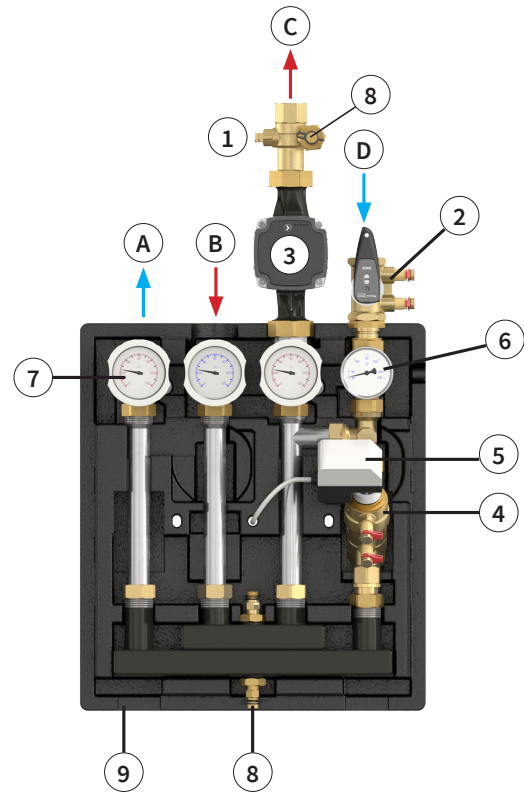


Technical data



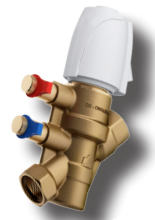
Legend

No.	Components / connections
1	Ball valve with thermometer branch
2	NexusValve Vertex
3	Heating circuit pump (optional)
4	NexusValve Vivax
5	3-section actuator, constant
6	Thermometer 20-130°C
7	Ball valve with handle and thermometer 0-120°C
8	Test point M14x1 (for temperature, pressure)
9	Thermal insulation (EPP insulation)
A	Primary return line
B	Primary flow line
C	Secondary flow line
D	Secondary return line



NexusValve Vertex

The simple solution for control and isolation. The valve can be installed independent of the direction of flow.



NexusValve Vivax

Automatic self-setting thanks to moving internal parts. For pressure-independent regulation control.

	Unit	MeiFlow shunt UD DN15 S	MeiFlow shunt UD DN20 S	MeiFlow shunt UD DN20 S
Heating circuit connections		G 3/4" F		
Axial distance heating circuit	mm	90		
Boiler connections		G 1" F		
Pump connections		1 1/2" F		
Max. operating temp.	°C	110 (also consider how the pump provided by the customer is to be used)		
Permissible operating pressure		PN10		
Thermometer	°C	0 to 120 (130)		
Weight	kg	approx. 10		
Dynamic circuit control		NV Vivax DN15 S 110-558 l/h	NV Vivax DN20 S 374-860 l/h	NV Vivax DN20 H 860-2002 l/h
Capacity P with $\Delta T=10/15K^*$	kW	6.5/10	10/15	23/35
Actuator		3-section actuator, constant, 230 V		
circuit control valve		NV Vertex DN25		
Protection class		IP41		
Max. permissible ambient temp.	°C	-5 to 50		
Dimensions H x W x D (without pump and external valves)	mm	460 x 410 x 261		

* Higher outputs possible at larger temperature spreads

Flamco B.V.
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