

2017/Diaphragm valves

Part No.	Products	In / Out	Con. type	Body material	Dimension LxWxH (mm)	Net weight kg	Service flow rate $\Delta p=0,2\text{bar}$	Backwash flow rate $\Delta p=0,5\text{bar}$
VS63-O	Individual diaphragm valve	DN50 Ø63	ABS bonded joint	Noryl	260 x 110 x 170	1.1	18 m ³ /h	26 m ³ /h
VS90-O	Individual diaphragm valve	DN80 Ø90	Flange	Noryl	350 x 190 x 300	3.56	45 m ³ /h	66 m ³ /h
VS110-O	Individual diaphragm valve	DN100 Ø110	Flange	Reinforced PA	320 x 220 x 350	6.83	120 m ³ /h	170 m ³ /h

Our VS diaphragm valves brings to you a high quality, economical choice for your water treatment needs. Its precise and flexible control makes it suitable for use in a wide range of treatment applications.

Features:

- Dual control operated by either air or water pressure.
- Y shape for increased flow rate and efficiency.
- High heat and corrosion resistance.
- All internal parts are made from high quality composite materials.
- Able to operate in environments which would quickly destroy metal valves.



VS63-O

VS90-O

Notations

O—normally opened

All valves are spring assisted!

Working pressure: 1-8bar

Temperature: 4-50°C

Part No.	Products	In / Out connection
WFS-50	Water flow sensor with DN50 pipeline installation kit.	DN50 Ø63
WFS-80	Water flow sensor with DN80 pipeline installation kit.	DN80 Ø90
WFS-100	Water flow sensor with DN100 pipeline installation kit.	DN100 Ø110

Our water flow sensors are basically recommended for our IVC controllers ([on page 94.](#)) however if you use a different controller the accuracy is not guaranteed!

Water flow sensor performance and parameters:

Liquid velocity measurement range:	1—5m/s
Measuring liquid temperature range:	1—60°C
Measuring pipe size range:	DN50—DN100
Linear error:	±4%
Accumulated error:	±4%
Own wire length:	5 metres
Signal transmission cable length:	within 300 metres
Probe body material:	nylon
Impeller material:	PVDF
Bearing material:	316LL
Response frequency:	≤120Hz
Probe power supply voltage:	9-12VDC
Probe signal output form:	pulsed square wave
Probe signal power supply current:	20mA@9-12VDC
Probe signal output current:	≤20mA
Probe working pressure and temperature range:	1°C—60°C; 6 Bar



WFS-80