

VSE

Blending device

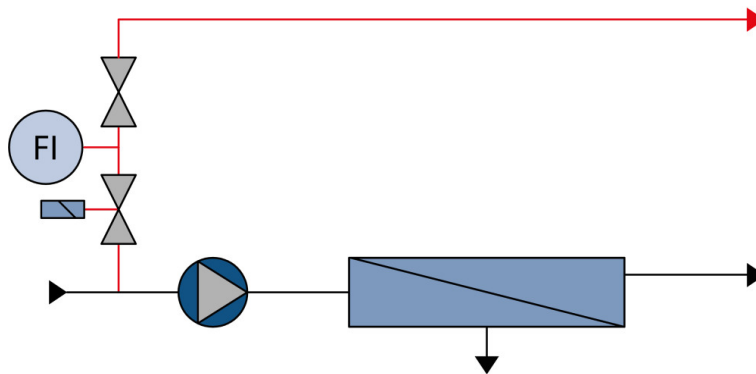
In certain applications, fully demineralized water is not required, but rather water with a defined residual hardness or a defined residual salt content, which is produced by blending. The blending device VSE is used for automatic blending of permeate with RO feed water in the on-site tank. The magnetic valve of the blending device is opened as soon as permeate is produced.

BENEFITS

- Assembly ex works when ordered at the same time as the RO unit
- Easy operation

APPLICATIONS

- Production of water with a defined residual hardness or a defined residual salt content in the permeate tank
- Available as an option for the UO (C, CD), UO-D (FU, CD) and UO-D AS/FU series



Schematic drawing VSE

CONDITIONS OF USE

The VSE option has to be ordered together with the reverse osmosis unit. When using blending devices, the desired residual hardness in the mixed water is only set once during installation. However, if the raw water hardness changes significantly, e.g. because a different type of water is supplied by the waterworks, the blending valve has to be readjusted as well.

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TECHNICAL DATA OF SERIES

Voltage	230 V
Frequency	50 Hz

Product name	Compatible with	Item number
VSE 500	UO 120 - 500 (C, CD), UO-D 120 - 500 (FU, CD)	383 765
VSE 600	UO-D 600 - 1,500 (FU, CD), UO-D 450 - 1.250 AS/FU	383 805
VSE 2000	UO-D 2,000 (FU, CD), UO-D 1,650 AS/FU	383 776