

KSE

Concentrate flushing unit

When the reverse osmosis unit is not operating, scaling and fouling can occur, particularly on the concentrate side of the membrane. The concentrate flushing unit KSE prevents this by displacing the concentrate with the pressure of the feed water via an automatic bypass valve (solenoid valve) when the system is shut down. Flushing the membrane with raw water prevents concentrated salt loads from settling on the membrane surface.

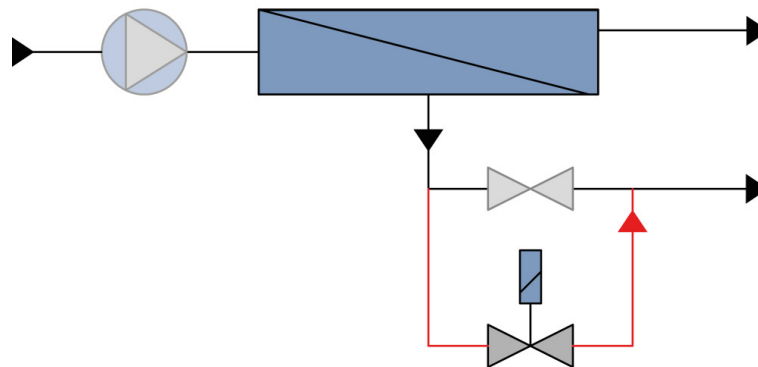
The concentrate flushing unit is supplied pre-assembled with the reverse osmosis system.

BENEFITS

- Ensures a long service life of the membranes

APPLICATIONS

- Recommended if the feed water tends to scaling or fouling and if the RO is operated with antiscaling
- Already included with the UO-S7 KR/FU, UO-D AS/FU and UO-D BW/FU series
- Available as an option for the UO-D (FU, CD) and UP-S7 FU series



Schematic drawing KSE

CONDITIONS OF USE

The KSE option has to be ordered together with the reverse osmosis unit.

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TECHNICAL DATA OF SERIES

Voltage	24 V DC
Material	brass

Product name	Compatible with	Item number
KSE 2000/24	UO-D 600 - 2,000 (FU, CD)	383 774
KSE 3500/24	UO-D 2,500 - 3,500 FU, UP-S7 2,200 - 3,000 FU	382 873
KSE 10000/24	UO-D 4,300 - 10,000 FU, UP-S7 4,100 - 8,200 FU	382 878
KSE 3000/24	UO-D 12,000 FU, UP-S7 12,500 - 20,000 FU	382 905