

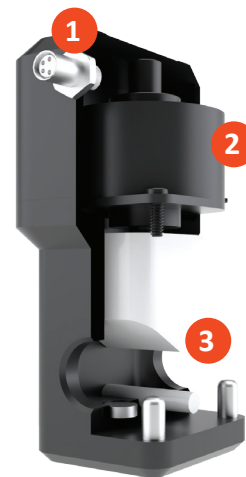
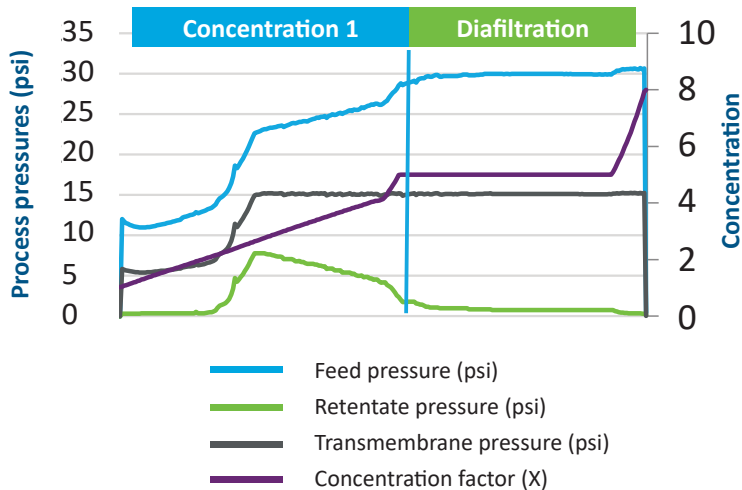
# Effortlessly automate TMP control with exclusive valve technology

The Repligen exclusive Automatic Back Pressure Control Valve (ABV) adds automatic transmembrane pressure (TMP) control to a TFF process, reducing operator hands-on-time, improving process reproducibility and enhancing system automation. The compact and user-friendly Repligen ABV automates flow control without adding bulk to your system. The ABV scales with your process and is included in the KrosFlo® KMPI, KR2i, FS-15, FS-500 and KTF TFF Systems.

- Activate the valve using viscosity, inlet, retentate, permeate or transmembrane pressures
- Maintain uniform TMP throughout the process and decrease membrane fouling
- Fine-tune process pressures with the high-resolution motor
- Automate using recipe parameters in the KF Comm 2 Software
- Use with compatible tubing sizes 13,14,16, 25, HP15, 17, HP24, 18, HP35, 36, and HP36



UF/DF process parameters vs time



### Components

1. Communication port
2. Encased high resolution motor
3. Wedge-shaped plunger

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