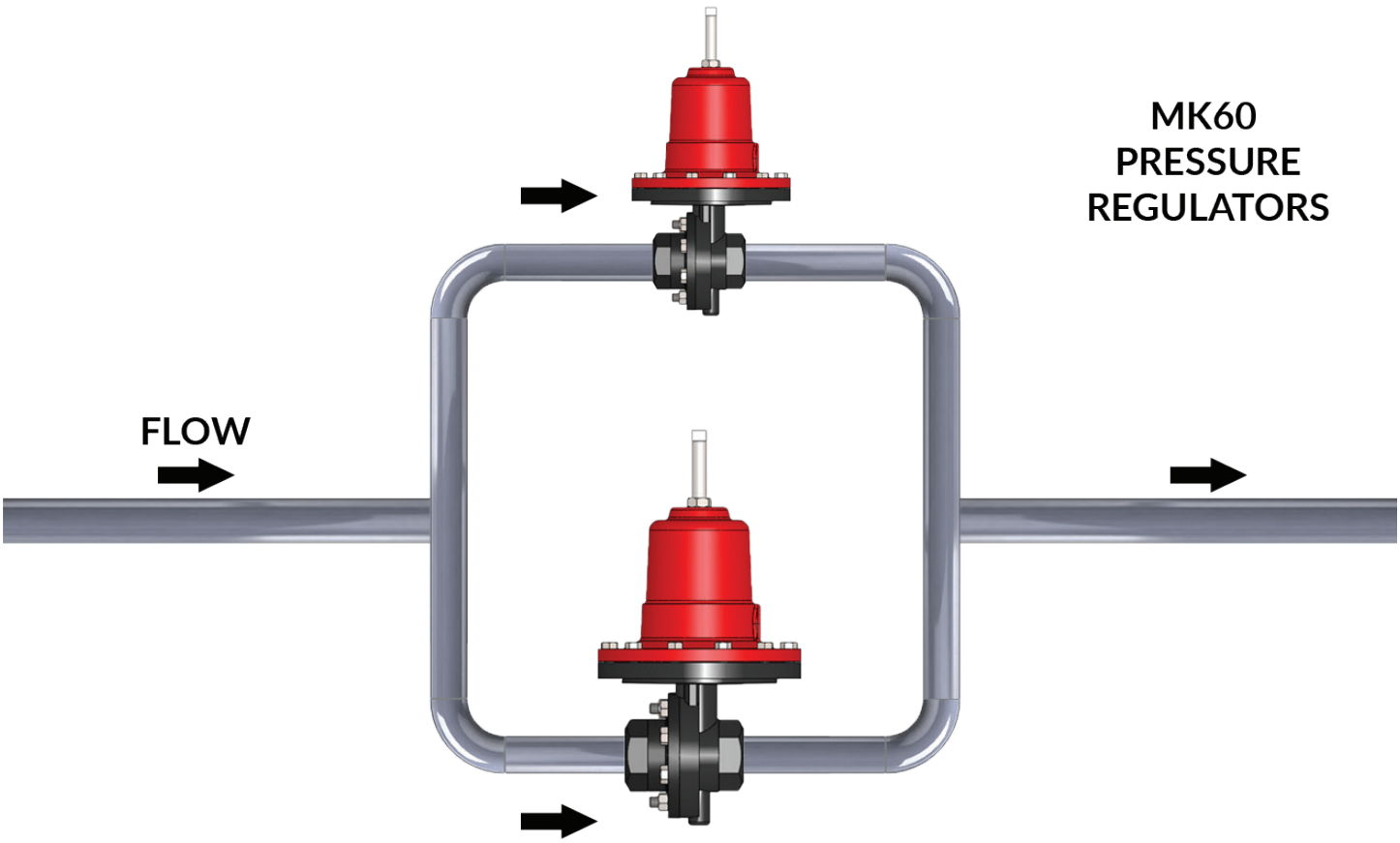

REGULATORS IN PARALLEL

Regulators of different sizes should be installed in parallel when they are required to handle significant changes in flow (very high rangeability).

Examples would be:

1. The varying steam flows required for both start-up and normal use.
2. School water service.
3. Seasonal control of heating.

In such cases, the smaller regulator would be set to control at a pressure a few psi above the larger actuator. It would handle the small flows and the larger regulator would begin to open only when the capacity of the smaller valve is exceeded.