

# Fisher® Cavitation Control for Dirty Service

## NotchFlo™ DST Control Valve

uses a series of flow restrictions and expansions to control the pressure drop of the fluid. The notched plug allows up to 12 mm (½-inch) particulate to flow through the trim without plugging.

- 3, 4, or 6-stage trim
- ASME Class 150 - 1500 globe body
- ASME Class 150 - 2500 angle body
- NPS 1 - 8
- Flow-up design only
- 290 bar (4200 psi) pressure drop limit
- ANSI/FCI Class V shutoff
- Ability to pass 12 mm (½-inch) particulate, depending on valve size



## Dirty Service Trim (DST)

uses a combined axial and radial flow path that features large openings allowing particulate up to 19 mm (¾-inch) to pass through the valve. Can be used in easy-e™, EH, EHA, EW, HP, and HPA valves.

- 2, 3, 4, 5 or 6-stage trim
- Globe or angle body
- ASME Class 150 - 2500
- NPS 1 - 24
- Flow-down or flow-up design
- 290 bar (4200 psi) pressure drop limit



## Dirty Service Trim for Outgassing (DST-G)

is a multi-stage control valve trim design. It is used in services where the fluid has dissolved gases that are released from solution due to a reduction in pressure. The fluid may also contain entrained particulate.

- Multi-stage trim
- Angle body
- ASME Class 150 - 2500
- NPS 1 - 12
- Flow-down design
- 175 bar (2500 psi) pressure drop limit
- ANSI/FCI Class V shutoff



## 461 Sweep-Flo Angle Valve

is self cleaning with an expanded outlet. It is typically used in the chemical and hydrocarbon industries where cavitation control is required for residual oils that experience coking, have high particulate content and viscosity, and may outgas.

- Sweep-Flo angle body
- ASME Class 150 - 2500
- NPS 2x3, 3x4, 4x6, and 6x8
- Flow-down design
- ANSI/FCI Class V shutoff



**FISHER®**

Severe Service

  
**EMERSON**  
Process Management