

Flexflo Model 900TE

PRODUCT OVERVIEW AND APPLICATIONS

When gas-loaded, the Flexflo Model 900TE can act as a surge reliever. When operated with a pilot, the Model 900TE is used for backpressure control, pressure reduction, differential pressure control, and relief valve applications in liquid and gas. Its top entry design allows for extremely simple in-line maintenance.

FEATURES AND BENEFITS

- Top entry design for easy in-line maintenance
- Single moving part for ease of operation and maintenance
- Low noise
- Rugged design for a long service life

SPECIFICATIONS

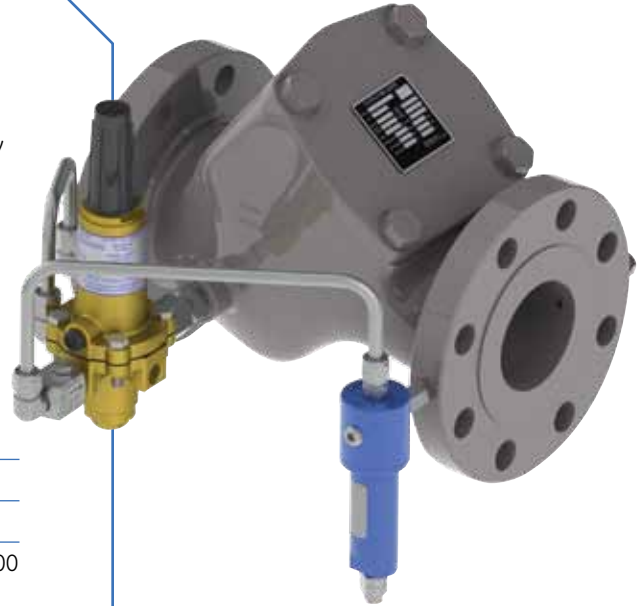
Sizes (inches)	2", 3", 4", 6"
Sizes (DN)	50, 80, 100, 150
Body Materials	Carbon Steel
End Connections	Raised Face Flange, 150, 300, 600 ANSI ASME/ANSI B16.10
Working Temperature ¹	-40°F to 212°F (-40°C to 100°C)
Max Operating Differential ¹	1200 psid (83 bar)
Max Emergency Differential ¹	1480 psid (102 bar)
Control Range ¹	0-1480 psig (102 bar)

¹Limited by Flexflo tube selection and control system selection.

CAPACITY TABLE

	2"	3"	4"	6"
Cv (Full Open)	58	94	128.5	304
Xt (Gas)	0.46	0.5	0.46	0.55
FL (Liquid)	0.74	0.77	0.73	0.81
Max Q** (GPM)	300	660	1175	2644

**Max Q based on velocity of 30 ft./sec. for optimal tube life. To adjust Max Q, divide by \sqrt{G} .



ALLOWS FOR
EXTREMELY
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MAINTENANCE