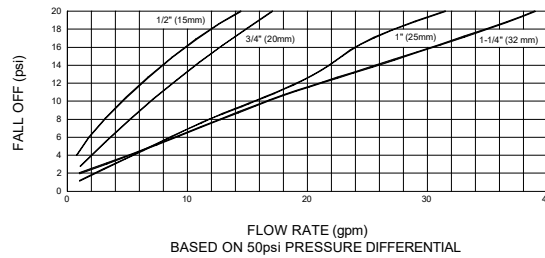




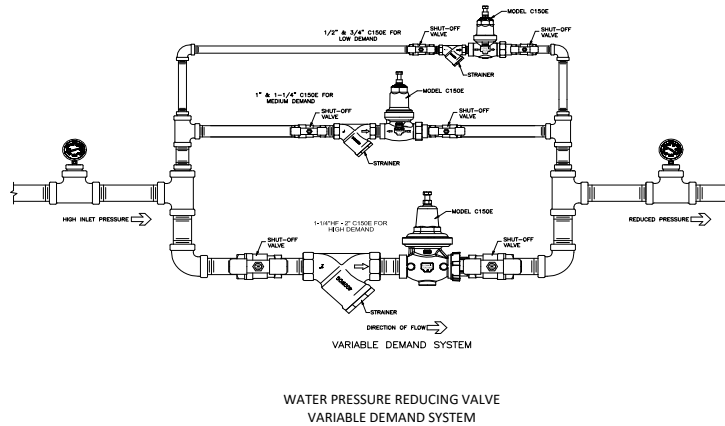
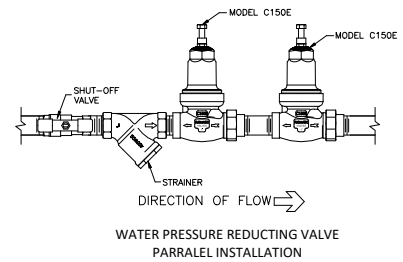
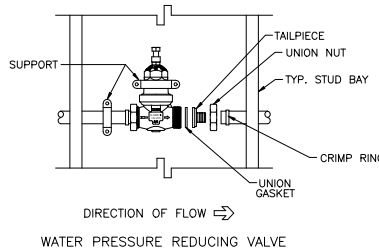
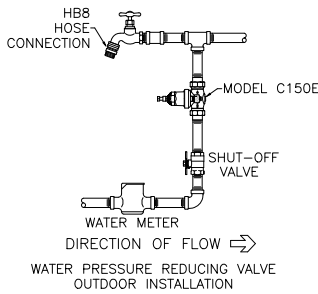
Job Name:	_____	Contractor	_____
Job Location	_____	Approval	_____
Engineer	_____	P.O. #	_____
Approval	_____	Sales Rep	_____



**FALL OFF CHARTS are NOT to be use for valve sizing**

**TYPICAL INSTALLATION:  
FAILURE TO FOLLOW THESE INSTRUCTION WILL VOID ANY WARRANTY**

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted in accordance with the latest edition of the Uniform Plumbing Code. The Model C150E may be installed in any position. The assembly shall be installed with sufficient side clearance for testing and maintenance. Multiple installations are recommended for wide demand variations or where the desired pressure reduction is more than 3 to 1 (i.e. 150 psi inlet reduced to 50 psi outlet). CAUTION: Anytime a reducing valve is adjusted, a pressure gauge must be used downstream to verify correct pressure setting. Do not bottom out adjusting screw on cover.



**SPECIFICATIONS:**

The Water Pressure Reducing Valve shall be ASSE® Listed 1003, and available with single union, double union and less union end connections. The main body shall be Bronze C87800. The cover shall be composite plastic. The cartridge shall be Delrin™ and incorporate an integral seat. The disc elastomer shall be EPDM. The assembly shall be accessible for maintenance without removing the device from the line. The pressure reducing valve shall be a Flomatic Model C150E

**WARRANTY:** Flomatic valves are guaranteed against defects of materials or workmanship when used for the services recommended. If in any recommended service, a defect develops due to material or workmanship, and the device is returned, freight prepaid, to Flomatic Corporation within 12 months from the date of purchase, it will be repaired or replaced free of charge. Flomatic Corporations' liability shall be limited to our agreement to repair or replace the valve only.

# Pressure Reducing Valve

# Specification Sheet



Flomatic Corporation

Model C150E



changes. Not designed to be used as a temperature reducing valve.



### STANDARDS COMPLIANCE:

- ASSE® Listed 1003
- **NSF/ANSI 372**  
 .25% Max Weighted Average Lead Content  
 Certified by IAPMO R&T Lab

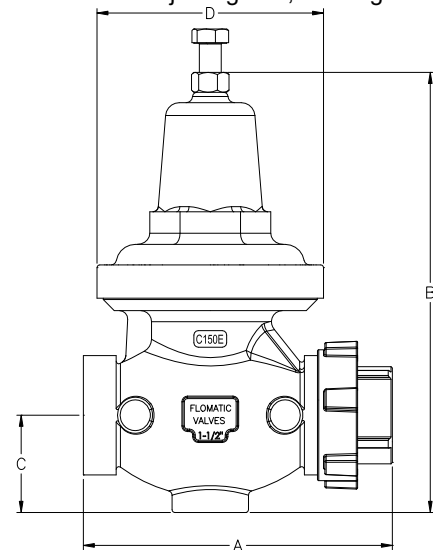
### MATERIALS:

Body & Cover	Bronze C89833
Cartridge	Delrin™, NSF Listed
Internals	Stainless Steel 300 Series
Stem	Stainless Steel 300 Series
Elastomers	EPDM (FDA approved) Buna Nitrile (FDA approved)
Strainer screen	Stainless Steel, 300 Series
Spring	Steel

### OPTIONS:

(add to end of part number)

- 1 SS Adjusting Bolt and Locking Nut
- 2 SS Adjusting Bolt, Locking Nut & Spring



### FEATURES:

Sizes: □1-1/4" □1-1/2" □2"

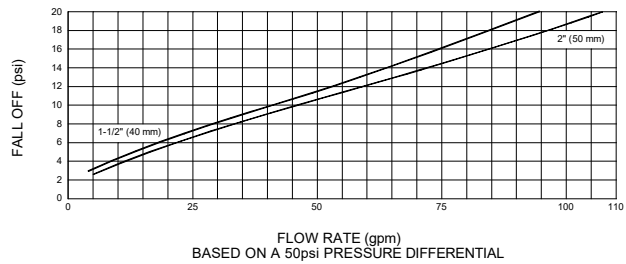
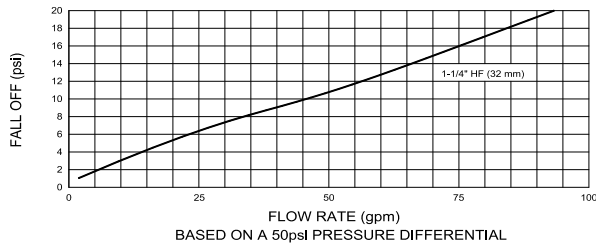
Maximum pressure	400psi
Maximum water temperature	180°F
Reduced pressure ranges	15psi to 75psi 15psi to 150psi
Factory preset	50psi
Standard thread connections (FNPT)	ANSI B 1.20.1

### APPLICATION:

Designed for installation on potable water lines to reduce high inlet pressure to a lower outlet pressure. The integral strainer screen makes this device most suitable for residential and commercial water systems that require frequent cleaning of sediment and debris. The direct acting integral by-pass design prevents buildup of excessive system pressure caused by thermal expansion. The balance piston design enables the regulator to react in a smooth and responsive manner to changes in system flow demand, while at the same time, providing protection from inlet pressure

SIZE		CONNECTIONS	DIMENSIONS								WEIGHT	
			A		B		C		D			
in	mm		in	mm	in	mm	in	mm	in	mm	lbs	kg
1-1/4"	32	NPT ONLY	5-13/16	148	9-15/16	252	2-3/16	56	5-3/16	132	13.5	6.2
1-1/2	40	Single Union	7-5/64	180	9-15/16	252	2-3/16	56	5-3/16	132	14.5	6.6
1-1/2	40	Less Union	5-13/16	148	9-15/16	252	2-3/16	56	5-3/16	132	13.5	6.2
1-1/2	40	Double Union	8-11/32	212	9-15/16	252	2-3/16	56	5-3/16	132	15.5	7
2	50	Single Union	7-5/64	180	9-15/16	252	2-3/16	56	5-3/16	132	15.3	6.9
2	50	Less Union	5-13/16	148	9-15/16	252	2-3/16	56	5-3/16	132	14.3	6.5
2	50	Double Union	8-11/32	212	9-15/16	252	2-3/16	56	5-3/16	132	16.3	7.4

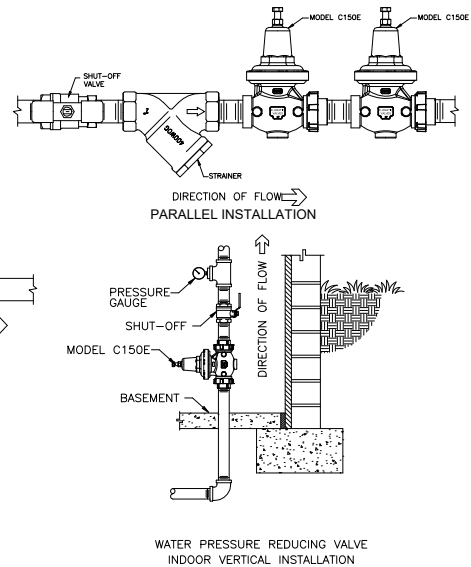
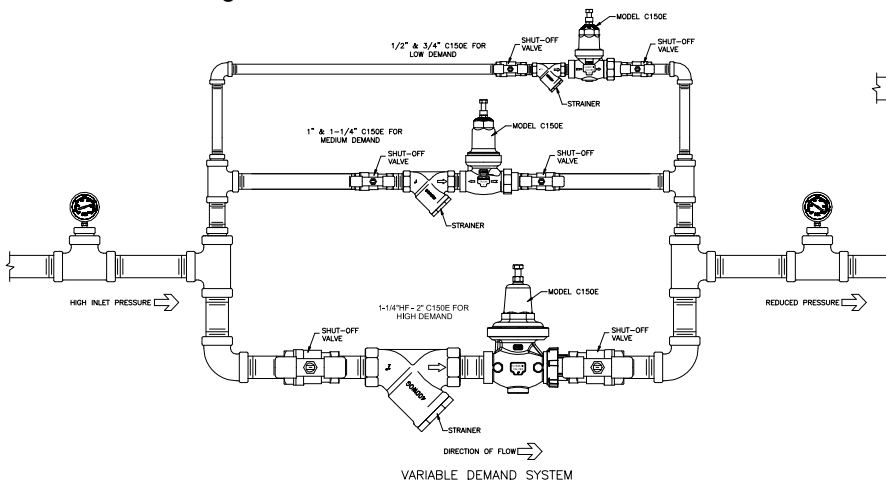
Job Name: \_\_\_\_\_ Contractor \_\_\_\_\_  
 Job Location \_\_\_\_\_ Approval \_\_\_\_\_  
 Engineer \_\_\_\_\_ P.O. # \_\_\_\_\_  
 Approval \_\_\_\_\_ Sales Rep \_\_\_\_\_



**FALL OFF CHARTS are NOT to be use for valve sizing**

**TYPICAL INSTALLATION:  
 FAILURE TO FOLLOW THESE INSTRUCTION WILL VOID ANY WARRANTY**

Local codes shall govern installation requirements. Unless otherwise specified, the assembly shall be mounted in accordance with manufacture’s instructions and the latest edition of the Uniform Plumbing Code. The Model C150E may be installed in any position. The assembly shall be installed with sufficient side clearance for testing and maintenance. Multiple installations are recommended for wide demand variations or where the desired pressure reduction is more than 3 to 1 (i.e. 150 psi inlet reduced to 50 psi outlet). CAUTION: Anytime a reducing valve is adjusted, a pressure gauge must be used downstream to verify correct pressure setting. Do not bottom out adjusting bolt on bell housing.



**SPECIFICATIONS:**

The Water Pressure Reducing Valve shall be ASSE® Listed 1003, and available with single union, double union and less union end connections. The main body shall be Bronze C89833. The cover shall be composite plastic. The cartridge shall be Delrin™ and incorporate an integral seat. The disc elastomer shall be EPDM. The assembly shall be accessible for maintenance without removing the device from the line. The pressure reducing valve shall be a Flomatic Model C150E

**WARRANTY:** Flomatic valves are guaranteed against defects of materials or workmanship when used for the services recommended. If in any recommended service, a defect develops due to material or workmanship, and the device is returned, freight prepaid, to Flomatic Corporation within 12 months from the date of purchase, it will be repaired or replaced free of charge. Flomatic Corporations’ liability shall be limited to our agreement to repair or replace the valve only.