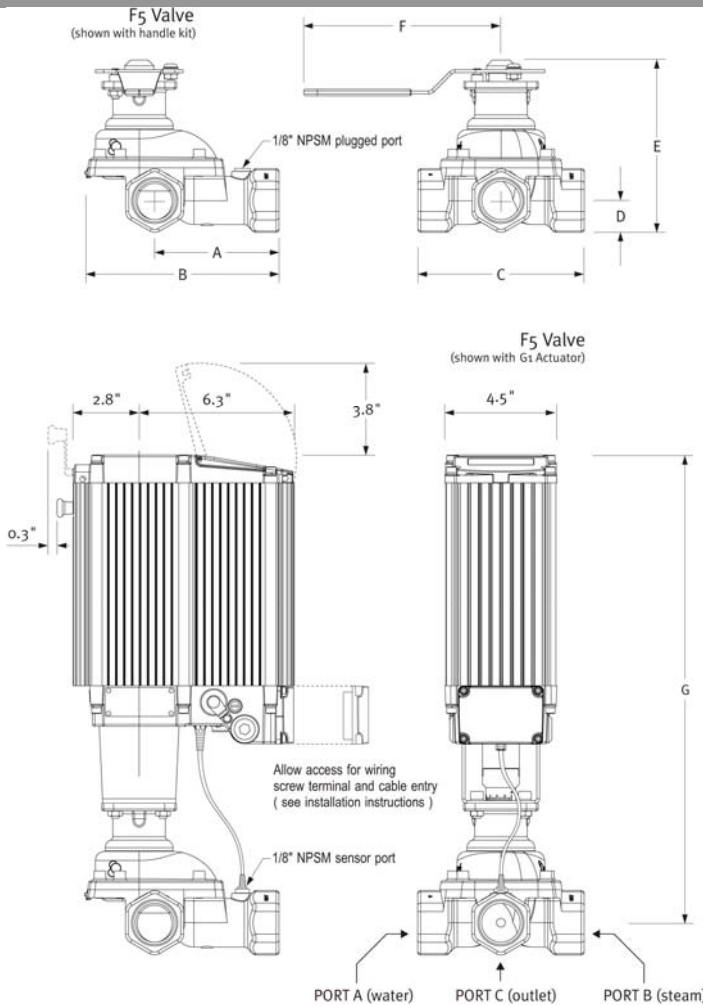


Berry/Emech Mixing Valve



The shear action disc design provides precise control mixing of steam and water. Fitted with an electronic actuator, and integrated temperature sensor results in fast, accurate and stable temperature control. As a single compact assembly, installation is simplified. The independence of this stand alone unit provides a reliable solution of hot water supply.

Berry / Emech Mixing Valve



Assembly includes:

- Valve
- Actuator
- Software CD
- Serial Cable
- Temperature Probe
- Actuator Mounting Kit
- Gland Spanner
- Power Supply

WATER	Sized to fit application / 1", 1-1/2", 2"
ELECTRICITY	Regulated 24 V dc
CAPACITY	Minimum flow of 20 GPM
HEIGHT	23" APPROX
WIDTH	5" APPROX
DEPTH	10" APPROX

The specifications as stated herein are the most current at the time of publication. However, consistent with our standard of continual product development, we reserve the right to change the design without notice or obligation to modify any equipment previously sold or delivered. 12/31/2000

Berry Plumbing & Equipment

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Berry / Emech Mixing Valve

The Emech system presents a unique "out of the box" control solution ensuring that temperature accuracy can be maintained even during unequal pressure differentials.

- Controls output water temperature within +/-0.9° F regardless of input temperatures or pressures
- Valves available for water only or steam and water to fit most standard size lines
- Provides precise control over water temperatures for critical process and cleaning applications
- Increased accuracy of mixing has provided significant savings to customers in the form of reduced energy cost and improved process yields

Valve Features

- ISO 5211, 5210 actuator flange mounting
- Constructed of CF8M (316) stainless steel
- End connections: NPT
- Top entry allows inline access to internal valve parts
- Size range: 1", 1 1/2" and 2"
- Maximum inlet steam temperature 482°F (250°C)
- Rated pressure 145 psi (10 Bar)
- Maximum dynamic pressure drop of 130 psi (9.6 Bar)
- Manual handle option can be locked in both open and the closed position
- Manual handle kit includes stroke limiting feature to set the maximum opening of the steam port

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