

# FLOJET®

## 1750 Series Inline Water Pressure Regulator

### INSTALLATION & OPERATION

#### DESCRIPTION

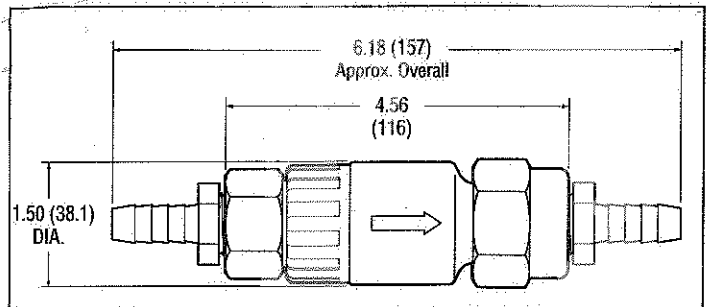
FLOJET's 1750 series Inline Water Pressure Regulator reduces inlet water pressure to safe levels for pumps and appliances. Equipment is additionally protected from water-borne debris and particulates by the regulator's removable, cleanable inlet screen. Models are available in pre-set, non-adjustable maximum (nominal) outlet pressures. Actual outlet pressure varies with inlet flow rate and pressure, reference performance section below for details.

#### MOUNTING/PLUMBING

- Read General Safety Information below before starting.
- Confirm presence of screen in regulator inlet port.
- Wrap fitting threads with 1-2 winds of teflon pipe thread tape. When installing fittings, hand-tighten, adding only a 1/4 turn to avoid damaging threads. Consider using elbow fittings to reduce stress to regulator and tubing when installing in confined areas.
- **WARNING: Plastic fittings, 1/2" (13 mm) NPT MALE, ONLY, may be used. Use of metal fittings may damage regulator threads or crack regulator housing, voiding the warranty.**
- Position regulator before equipment/appliance inlet side. When possible, mount regulator where visible and accessible for cleaning. Arrow on regulator indicates direction of flow. Regulator may be mounted vertically or horizontally.
- Plumb regulator to braided, high-pressure, flexible tubing on both ends, and secure with Oetiker stainless-steel clamp. Do not plumb regulator directly to rigid tubing, or any pipe.
- Secure regulator and tubing with cable ties to reduce possibility of stress to regulator and tubing.

#### DIMENSIONAL DRAWING

Inches (millimeters)



#### CLEANING

Inlet port screen should be inspected and cleaned, if needed, several times per year or more depending on water quality. See General Safety Information below before attempting.

#### GENERAL SAFETY INFORMATION

Protect yourself and others by observing all safety information for equipment and appliances. Shut off all power and drain pressure from system prior to any installation.

#### PRODUCT DATA

**Design** .....Inline water pressure regulator

**Wetted Parts** .....Santoprene, EPDM, 304 stainless steel,

Celcon, Polypropylene, Buna, PVC, Nylon

**Ports** .....1/2" NPT female

#### PERFORMANCE SPECIFICATIONS

**Inlet water pressure** .....150 psi (10 bar) max.

**Fluid temperature** .....33-150 degrees (1 -65 degrees C)

**NSF listed**..... Component

### TYPICAL APPLICATIONS

