

INSTALLATION & OPERATION

DESCRIPTION

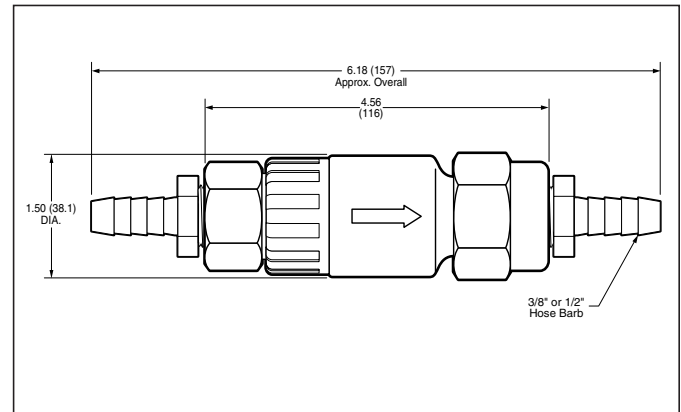
FLOJET'S 1750 series Water Pressure Regulator reduces inlet water pressure to safe levels for pumps and appliances. Equipment is additionally protected from water-borne debris and particulates by the regulator's removable, cleanable inlet screen. Models are available in pre-set, non-adjustable maximum (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 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 barbed fittings, 1/2" NPT, 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)



1750 Series Water Pressure Regulator

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.

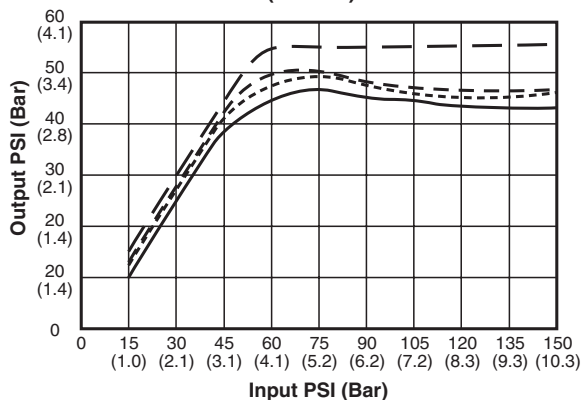
PRODUCT DATA

DesignMulti variant water pressure regulator
Wetted PartsSantoprene, EPDM, 304 stainless steel, Celcon, Polypropylene, Buna, PVC, Nylon
Ports1/2" NPT

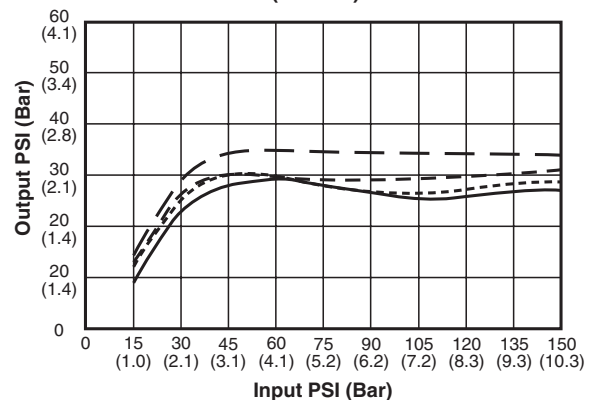
PERFORMANCE SPECIFICATIONS

Inlet water pressure150 psi (10 bar) max.
Fluid temperature33-150 degrees (1 -65 degrees C)
NSF listedStandard 18

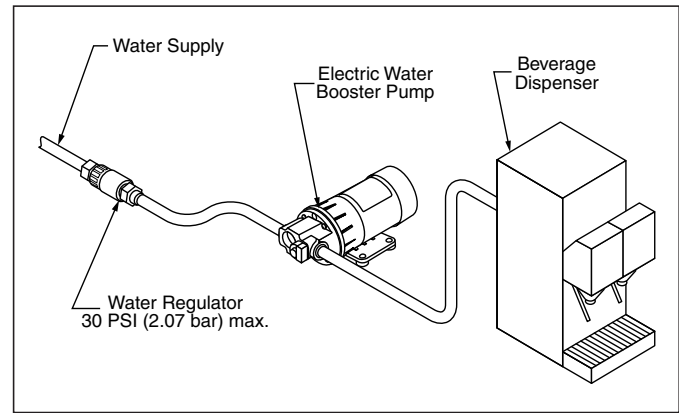
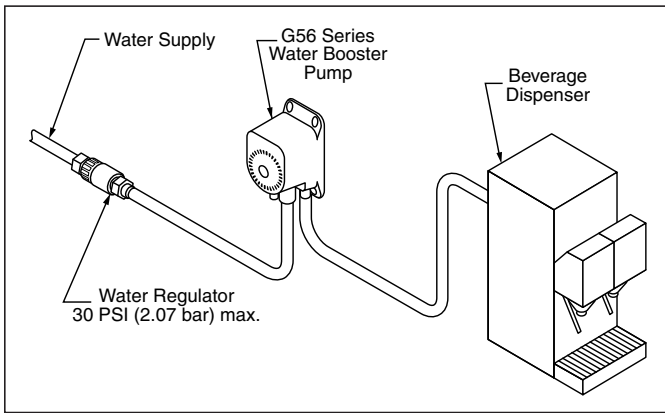
50 PSI (3.4 Bar) MODEL



30 PSI (2.1 Bar) MODEL



TYPICAL APPLICATIONS



AVAILABLE PART NUMBERS

| | |
|----------|---|
| 1750-300 | 50 psi max., no ports. |
| 1750-301 | 50 psi max., with 1/2" male NPT X 1/4" straight barbed nylon ports. |
| 1750-302 | 50 psi max., with 1/2" male NPT X 3/8" straight barbed nylon ports. |
| 1750-303 | 50 psi max., with 1/2" male NPT X 1/2" straight barbed nylon ports. |
| 1750-320 | 30 psi max., no ports. |
| 1750-321 | 30 psi max., with 1/2" male NPT X 1/4" straight barbed nylon ports. |
| 1750-322 | 30 psi max., with 1/2" male NPT X 3/8" straight barbed nylon ports. |
| 1750-323 | 30 psi max., with 1/2" male NPT X 1/2" straight barbed nylon ports. |

STANDARD MODEL NUMBERING SYSTEM

| | |
|-----------------|---|
| 1750-XXX | Market Designation, Configuration |
| | 2 = RV/Marine/Bev/Ind, in-line (no adapters for NPT ports). |
| | 3 = Bev/Ind, in-line w/1/2" NPT female adapters. |
| | 4-9 Not assigned at this time. |
| 1750-XXX | Maxim outlet pressure nominal |
| | 0 = 50 psi. |
| | 1 = 45 psi. |
| | 2 = 30 psi. |
| | 3-9 Not assigned at this time. |
| 1750-XXX | Ports included |
| | 0 = No ports. |
| | 1 = 1/2" NPT male x 1/4" barb, 2 pcs. |
| | 2 = 1/2" NPT male x 3/8" barb, 2 pcs. |
| | 3 = 1/2" NPT male x 1/2" barb, 2 pcs. |
| | 4 = PEXtite outlet (as on wall mount option). |
| | 5-9 Not assigned at this time. |

| TO CONVERT | TO | MULTIPLY BY |
|-----------------|-----------------|-----------------|
| Gallons, U.S. | Liters | 3.785 |
| Liters | Gallons, U.S. | 0.264 |
| Pounds/Sq. Inch | Bar | 0.069 |
| Bar | Pounds/Sq. Inch | 14.5 |
| Fahrenheit | Celsius | (°F-32) .556 |
| Celsius | Fahrenheit | (°C X 1.8) + 32 |

WARRANTY

FLOJET warrants this product to be free of defects in material and/or workmanship for a period of one year after purchase by the customer from FLOJET. During this one year warranty period, FLOJET will at its option, at no charge to the customer, repair or replace this product if found defective, with a new or reconditioned product, but not to include costs of removal or installation. No product will be accepted for return without a return material authorization number. All return goods must be shipped with transportation charges prepaid. This is only a summary of our Limited Warranty. For a copy of our complete warranty, please request Form No. 100-101.

RETURN PROCEDURE

Prior to returning any product to FLOJET, call customer service for an authorization number. This number must be written on the outside of the shipping package. Place a note inside the package with an explanation regarding the reason for return as well as the authorization number. Include your name, address and phone number.

Flojet



ITT Industries
Engineered for life

U.S.A.
Flojet
20 Icon
Foothill Ranch, CA 92610-3000
Tel: (949) 859-4945
Fax: (949) 859-1153

UNITED KINGDOM
Flojet, Unit 1, Avant Business Centre
Denbigh West Industrial Estate
Milton Keynes, Bucks, England MK1 1DL
Tel: 44 1908 370088
Fax: 44 1908 373731