

Stainless Steel Pressure Regulator



High Pressure Regulator: 4-17 psi (28-117 kPa)
Part No. 2100-1510



Low Pressure Regulator: 2-8 psi (14-55 kPa)
Part No. 2100-1500

Description

The Edstrom pressure regulator is a specially designed stainless steel regulator for animal watering system applications. These units are used in the Edstrom pressure stations and flush stations.

The stainless steel construction makes them very durable and virtually eliminates body part failures. They provide excellent reliability and years of trouble-free service and are backed by a full 1-year warranty.

The design incorporates many details which minimize microbial growth on internal surfaces. All machining and fabrication processes used in manufacturing this regulator alleviate cracks and crevices to help control biofilm growth. The internal surfaces are electropolished and passivated to a finish of 64 RA or better.

Elastomer parts are made from high grade silicone. They are compatible with tap water, chlorinated/acidified water or purified water.



Features & Benefits

- 316 stainless steel construction.
- High grade silicone elastomers.
- Sanitary finish:
 - Electropolished internally and externally.
 - 64 RA internal finish.
- Two pressure ranges:
 - Low range: 2-8 psi (14-55 kPa).
 - High range: 4-17 psi (28-117 kPa).
- High flow capacity.
- Easy pressure setting adjustment.
- Stable setting over wide inlet pressure range.
- "Clean" internal design minimizes microbial growth.
- Frequent water exchanges with small body cavity.
- Reliable, long term operation.
- High flow capacity enhances flushing effectiveness.
- Compatible with tap, treated or purified water.
- 1-year warranty.

Specifications

- Materials:
 - 316 stainless steel wetted parts.
 - Elastomers: silicone.
- Connections:
 - Inlet: 1/2" (12.7 mm) MPT.
 - Outlet: 3/8" (9.5 mm) FPT.
- Pressure Ranges / Flow:
 - 2-8 psi: 10 gpm at 3 psi (38 lpm at 21 kPa).
 - 4-17 psi: 14 gpm at 10 psi (53 lpm at 69 kPa).
- Size: 6" diameter x 6.3" long (152.4 mm x 160 mm).
- Inlet Pressure: 75 psi max (414 kPa).

All specifications are subject to change without notice.