



Welker[®] Guardian Flow Conditioner

Application

The Welker Guardian prevents unwanted liquid from getting into analytical instruments.

In operation, a ball floats on the gas stream inside the flow conditioner and rises with the presence of liquid to shut off the flow of liquid slugs that would otherwise flood the analyzer, saving it from damage and contamination.



The Welker Guardian can be used on chromatographs, calorimeters, moisture analyzers and stack sampling systems.



Features

- 316 stainless steel construction provides long life and superior resistance against corrosion
- The best of two Welker products combined to create one great flow conditioner
- Easy maintenance
- Compact size — 2 1/4" (5.7 cm) wide x 4 1/2" (11.4 cm) tall — fits in the palm of your hand
- Installs quickly and easily
- Filters particulates
- Prevents liquid droplets and slugs from damaging or contaminating analyzers.

The Welker Guardian Flow Conditioner is designed to protect analytical instruments from unwanted liquids. The Guardian combines two popular Welker products — the Analyzer Liquid Shut-Off (ALS) and the Liquid Eliminator (LE-2) — into one terrific flow conditioner that effectively removes liquids and particulates during sampling operations.

Welker makes it smarter!

Don't leave your analyzer's safety to chance. Get twice the protection. Protect it with the Welker Guardian Flow Conditioner — your analyzer's best friend.

Manufactured under U.S. Patent
5,579,803

Welker[®] ... Engineering World Class Solutions

Welker® Guardian Flow Conditioner

Specifications*

Pressure Rating

1,000 psi (69 bar) working pressure

Temperature Rating

200°F (93°C)

(High temperature model available)

Materials

316 stainless steel construction

Teflon® coated aluminum ball

Internal parts are Lexan®

Connections

Outlet: 1/8" Inlet: 1/4"

Weight

2.2 lbs. (1 kg)

Dimensions

Diameter: 2 1/4" (5.7 cm)

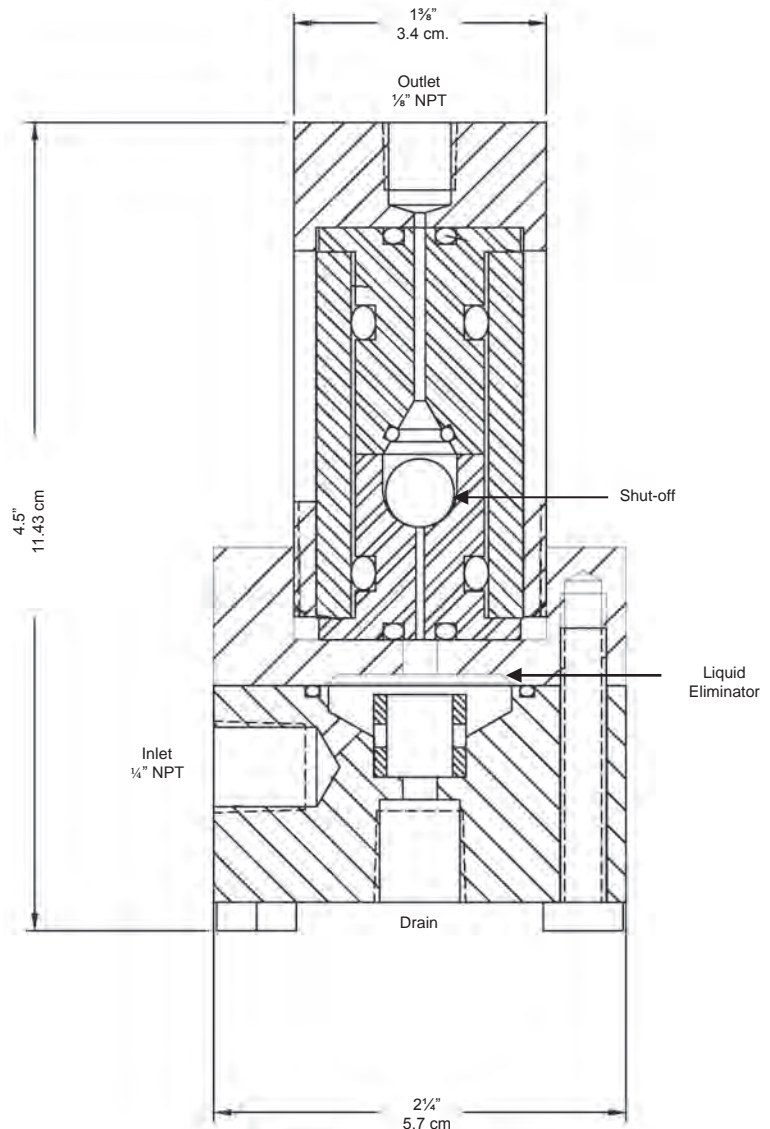
Height: 4 1/2" (11.4 cm)

Accessories

- Valves
- Fittings
- Tubing

Other Welker® Products

- Analyzer Liquid Shut-Off
- Fluid Sentinel sample conditioning system
- Therm Pak heated pipeline enclosure
- Constant pressure sample cylinders
- Instrument regulators
- Heat blanket



Specifications subject to change without notice.
Drawings/Photos may be shown with optional equipment.



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