

TRIDENT Foam Metering Systems

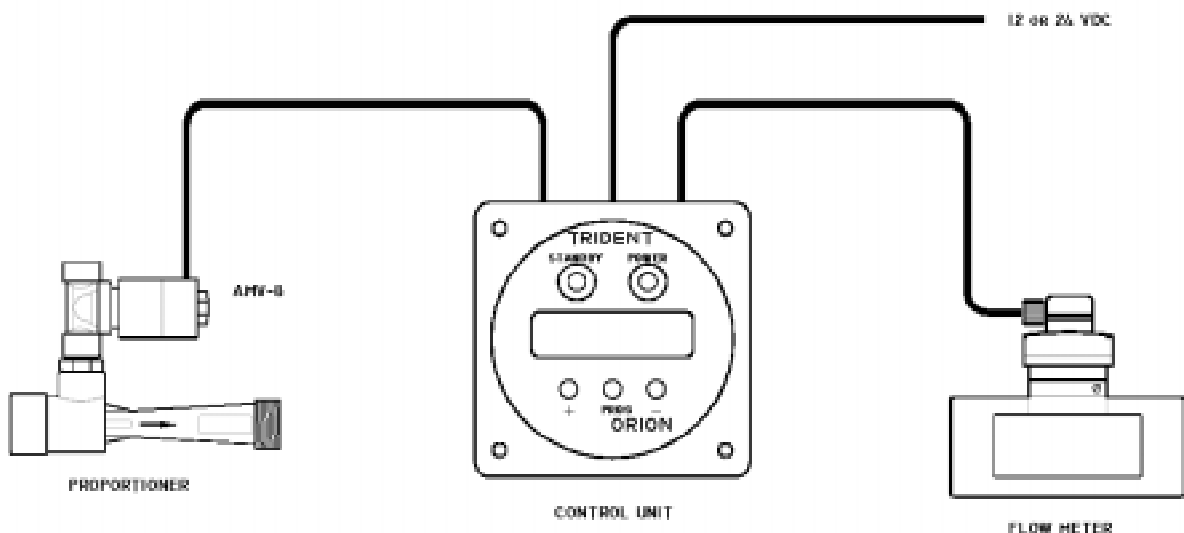


The TRIDENT range of foam metering systems are designed to provide accurate Class A foam proportioning for a wide range of flow rates, and also provide a realistic Class B capability. The TRIDENT systems are based on around the pump proportioners.

TRIDENT System 30

The TRIDENT System 30 is a fully automated foam metering system based on an around the pump proportioner. The System 30 consists of flow meter, around the pump proportioner, the control unit and automatic metering valve.

The control unit features a two line backlit LCD display with large easy to read characters. The foam metering rate and water flow rate are continuously displayed when in operation. The metering rate is easily set using the + and – keys. The control unit uses the metering setting and the flow meter reading to calculate the required foam concentrate flow rate and then adjusts the automatic metering valve to give this flow. The metering rate is selectable in the range from 0.1% to 10% in 0.1% steps.



Features

Easy to Use

The Trident System 30 is the simplest foam metering system to set up and use available. Installation is simple, set up is made easy by the two line text display and the user only needs to change the metering setting.

A convenient standby switch lets the user turn foam on and off as needed without losing the current setting.

An over-range warning is given if the foam concentrate demanded exceeds the foam metering valve capacity.

User programmable options:-

- Flow units
- Foam Concentrate Type
- Flow Meter Size
- Flow Meter Calibration

Specification:

Operating Voltage	12 or 24 volts DC
Power Requirements	36 watts
Foam Concentrate Flow Rate Class A & Class B (1% @ flows of 1,700 lpm, 6% @ flows to 280 lpm)	up to 17 lpm.
Alcohol type AFFF (ARAFF) capability (3% @ flows of 450 lpm, 6% @ flows of 225 lpm)	up to 13.6 lpm
Operating Pressure Range	500 kPa to 1,500 kPa

The TRIDENT System 30 includes:-

- APP-25 around the pump proportioner,
- AMV-8 automatic metering valve,
- Control unit and cables,
- Flow meter (40 & 50mm Tees, 65-100mm insertion type, specify when ordering).

Distributed By:

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Reliable

Trident systems owe their reliability to their simplicity. There are very few moving parts and little that can go wrong.

Trident systems can not be damaged if you run out of foam.

Versatile

Trident systems offer what no other automatic metering system can offer for the same price:-

- Class A foam capability
- Class B Foam capability at realistic flows
- Alcohol Type AFFF capability at realistic flows

An AS/ISO 9001 Quality Assured Company