



The Latest in Foam Technology: U.S. Coast Guard Approved Variable Range Proportioner

Fire fighting foam isn't a new invention. Since the first foam extinguisher was patented in 1904, the technology has come a long way. Now, over a hundred years later, Hiller is proud to introduce the latest in state-of-the-art foam protection: the first United States Coast Guard approved marine variable range proportioner, or VRP. The name is a mouth full, but the mechanics are simple.

As a key component of Hiller's customizable marine skids, Hiller's VRP grants users the ability to run the foam system at a wide range of pressure options. The system is designed to accurately proportion the foam concentrate into the water stream to meet a variety of fire suppression needs, effectively replacing the need to have multiple proportioners to properly cover shipboard demands.

HAVEN
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HILLER HAVEN FOAM

The Product You Need.

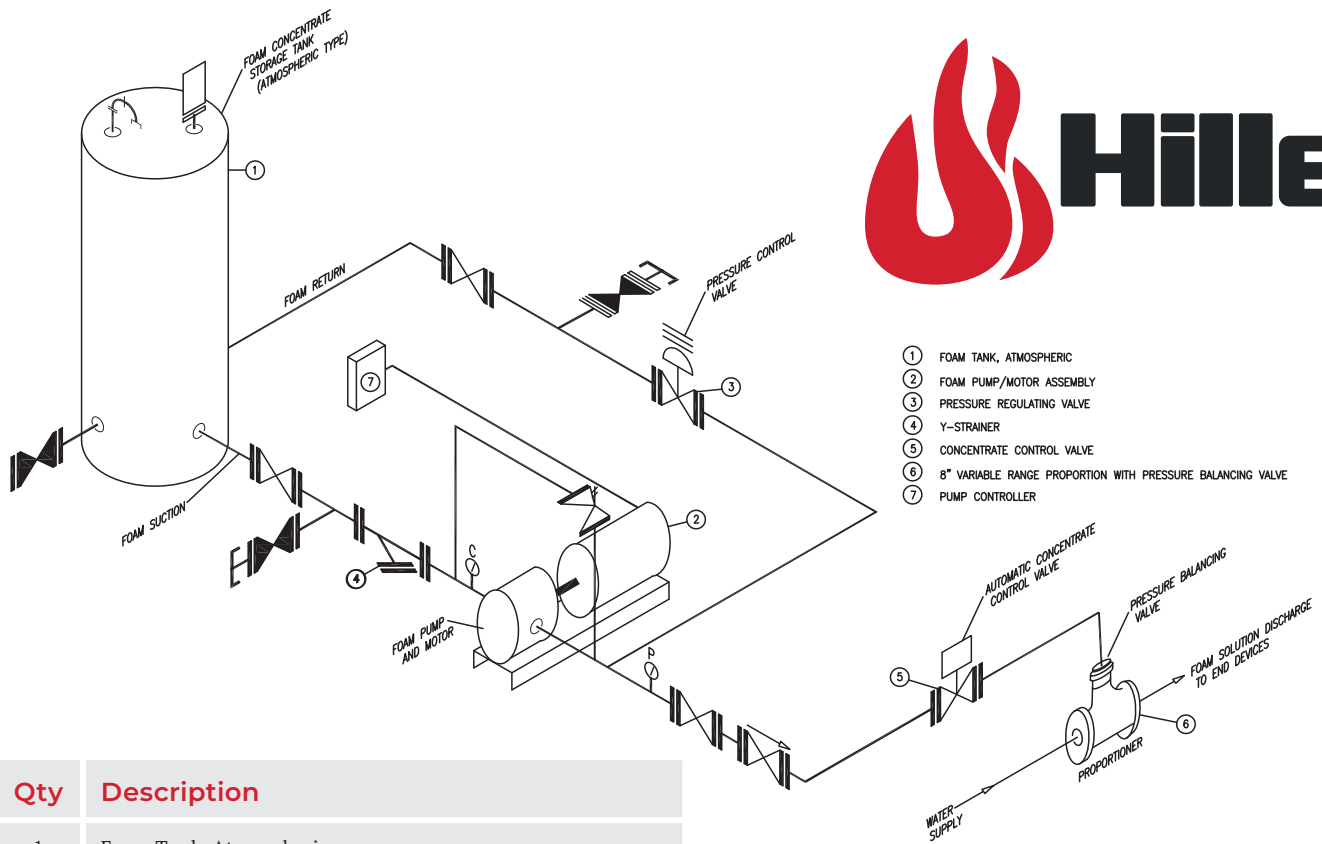
The Brand You Trust.

Hiller's Haven CG foam is expertly mixed 3 parts foam concentrate to 97 parts water. Made by the brand you trust, Hiller Haven Foam can be used with fresh, sea and brackish water.

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Qty	Description
1	Foam Tank, Atmospheric
1	Foam Proportioning Skid with (but not limited to) Foam pump/controller, pressure regulating valve, y-strainer, concentrate control valve
1	8" Variable Range Proportioner with pressure balancing valve
A/R*	Monitor/Nozzle assembly
A/R*	Hose Reel with handline and nozzle
A/R*	Fixed system nozzles
A/R*	Solberg ARCTIC 3x3% CG ATC Foam Concentrate

*A/R quantities are determined by ship requirements and flow characteristics of each device.

Technical Description

The Hiller VRP is a low foam solution proportioning device that is designed to be used in both high and low system flow rates. The proportioner has the capability to correctly proportion the foam into the water stream across a wide range of flow rates. The Hiller VRP complies with NFPA 30, the Flammable and Combustible Liquids Code, Paragraph 16.5.1.6.2.

Operation

The Hiller VRP is designed to be installed as a between the flange proportioner in standard 8" system piping. The proportioner can be installed horizontally or vertically with a minimum pipe length of five times the diameter

before and three times the diameter after the proportioner. The foam concentrate inlet is 2 1/2" BSP female pipe size. The foam inlet is connected to the foam pump. The operating temperature should be above 0° C. The VRP has proportioning ratio of 3% foam concentrate at flow rates between 55 – 3960 GPM (208 – 14,990 LPM).

Application

The proportioner is designed for fixed and closed head foam/water systems where a variable flow rate can occur, such as in sprinkler systems or multiple deluge systems. Examples of recommended risk areas include flammable and combustible liquid storage rooms, bilges, flight decks and tanker decks.

Features

- ▶ UL/USCG-Approved with Solberg® Arctic™ 3x3% CG ATC™ Foam Concentrate
- ▶ Bronze and Stainless Steel Material Construction for Performance and Durability
- ▶ Compatible for Use in Fresh and Salt Water Environments
- ▶ Horizontal or Vertical Mounted Position