Exploring Proportioning Foam Bladder Tank Key Foam Proportioning Storage Tank In Fire Protection System

Our Product Introduction

Basic Information

- Place of Origin: Guangzhou
- Brand Name: RUIGANG
- Certification: ISO/CE/CCCF
- Model Number: PHYM/PHYML
- Minimum Order Quantity: 1 set
- Price: negotiations
- Packaging Details: Plywood Outer Box With Bubble Bag Or Paper
- Delivery Time: 15~20 working days
- Payment Terms: L/C, T/T
- Supply Ability: 500 set per month

Product Specification

- Bladder Pressure: 0.6-1.2MPa
- Nominal Pressure: 1.2MPa
- Outlet Connection: Flange, Thread
- Pressure Relief Valve: Included
- Color: Red
- Foam Mixing Ratio: 3%/6%
- Working Pressure: 0.6-1.2MPa
- Bladder Material: PVC
- Pressure Drop: ≤0.15MPa
- Tank Capacity: 1-18 m3
- Proportional Mixer: PHY4-PHY112
- Highlight: **Key Proportioning Foam Bladder Tank**, **Exploring Proportioning Foam Bladder Tank**

More Images

Our Product Introduction

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Product Description

Product Description:

The Proportioning Foam Bladder Tank comes in a variety of capacities ranging from 1000L to 10000L, making it suitable for a wide range of firefighting applications. The tank is designed to operate at a nominal pressure of 1.2MPa, which ensures that it can deliver a consistent flow of foam concentrate to the firefighting system.
The Proportioning Foam Bladder Tank is equipped with an outlet connection that can either be a flange or a thread, depending on the customer's preference. The outlet connection is designed to provide a secure and reliable connection to the firefighting system, ensuring that there is no leakage of foam concentrate.
The tank also comes with a pressure gauge that is included to provide accurate readings of the pressure inside the tank. This feature is essential in ensuring that the firefighting system is working optimally and that there is enough foam concentrate in the tank to suppress the fire.
Another essential feature of the Proportioning Foam Bladder Tank is the pressure relief valve. This valve is designed to prevent the tank from over-pressurizing, which can lead to a catastrophic failure. The pressure relief valve ensures that the pressure inside the tank is maintained at a safe level, thereby preventing any accidents from occurring.
In summary, the Proportioning Foam Bladder Tank is an essential component in any firefighting system that requires a continuous supply of foam concentrate. Its corrosion-resistant and durable design make it suitable for use in harsh environments such as marine foam tanks, petrochemical plants, airports, and oil refineries. The tank comes in a variety of capacities and is equipped with features such as an outlet connection, pressure gauge, and pressure relief valve that ensure optimal performance and safety.

Applications:

The Proportioning Foam Bladder Tank is suitable for various application scenarios, including firefighting systems, oil refineries, petrochemical plants, and other industrial facilities. It is a reliable choice for preventing and controlling fire, as well as for providing foam solutions in high-pressure environments.
This product is equipped with a drain connection that can be either a flange or a thread, depending on the customer's requirements. This feature ensures that the tank is easy to install and maintain, while also providing a customizable solution for your specific needs.
RUIGANG PHYM Proportioning Foam Bladder Tank is a product that can be used in a wide range of occasions and scenarios, making it a versatile and indispensable tool in your firefighting and industrial safety arsenal. Its precision pressure-type proportioning mixing device ensures accurate and efficient foam production, while its energy-saving design helps to reduce costs and environmental impact.
Overall, if you're looking for a high-quality, customizable, and reliable foam tank for your firefighting or industrial needs, the RUIGANG PHYM Proportioning Foam Bladder Tank is an excellent choice.


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Foam Tank

From the point of view of the foam extinguishing system, the Proportioning Foam Bladder Tank is both a foam liquid storage device and a foam water mixing device, with a capsule placed inside the foam tank to store the foam liquid.

PVC Bladder

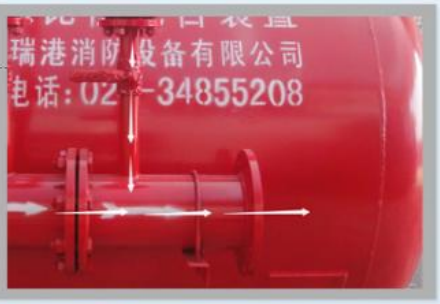
The PVC bladder is placed inside the foam tank, which serves as a container for storing foam liquid. When pressure water enters the foam tank and exerts pressure on the bladder, the bladder contracts, allowing the foam liquid to mix with the pressure water to form mixed foam water.

Water - inlet Direction

Part of the pressure water mixes with the squeezed - out foam liquid to form a mixed liquid, and part of it enters the foam tank to squeeze the bladder. The water pressure causes the foam liquid in the bladder to be squeezed out. After the inlet pipe valve is opened, the pressure water enters the foam tank.

Water - outlet Direction

The squeezed - out foam liquid mixes with the pressure water to form a mixed foam - water mixture. Open the valve of the liquid - outlet pipe, and the foam liquid is discharged.



Safety Valve

When the pressure inside the foam tank is too high, the safety valve opens and the pressure water overflows to keep the pressure inside the tank stable.

Manhole

The manhole allows engineers to enter the interior of the foam tank for inspection and maintenance.

Venting Valve

The exhaust pipe lines of the foam tank and the bladder respectively exhaust the air inside the tank body and the bladder.

Water / Foam Drain Valve

The drain pipe of the tank and the liquid drain pipe of the bladder respectively discharge the water inside the tank and the foam liquid inside it.

Customization:

We can make customised products according to customers' requirements, but customised products are not returnable.

Packing and Shipping:

Product Packaging:
Proportioning Foam Bladder Tank
Instruction Manual
Mounting Hardware
Shipping:
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