

## Marine Vessels Fire Extinguishing System with 8/10/12/20/40/68 L Cylinder Volume and Corrosion-Resistant Stainless Steel

Our Product Introduction

### Basic Information

- Place of Origin: Guangzhou, China
- Brand Name: RUIGANG
- Certification: CCS, BV
- Model Number: RG8/10/12/20/40/68
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: Plywood Outer Box With Bubble Bag Or Paper
- Delivery Time: 15~20 Work Days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 500 Sets/ Month



### Product Specification

- Water Pressure Strength Test: 24.5 MPa
- Nominal Pressure: 14.7 MPa
- System Activation: Electric, Pneumatic, Emergency Manual
- Nozzle Type: Spray/Jet
- Agent: CO2
- Cylinder Volume: 8/10/12/20/40/68 (L)
- Cylinder Material: Steel
- Application: Marine Vessels

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## Product Description

### Product Description:

The Marine Fire Extinguishing System is a vital component of marine fire safety equipment, providing effective fire suppression capabilities for vessels at sea. This system is designed to combat fires on ocean-going ships, offering a reliable solution for protecting both crew members and valuable cargo.

Utilizing N2 as the propellant gas, this Marine Fire Extinguishing System is engineered to deliver efficient and powerful fire suppression performance. The safety diaphragm bursting pressure of  $18.6 \pm 1$  MPa ensures a controlled release of the extinguishing agent when activated, enhancing the overall safety of the system.

With multiple system activation options, including electric, pneumatic, and emergency manual activation, this Marine Fire Extinguishing System provides flexibility and reliability in responding to fire emergencies. Whether through automated electric activation, pneumatic initiation, or manual operation during emergency situations, this system offers a versatile approach to fire suppression.

The nominal pressure of 14.7 MPa ensures that the extinguishing agent is discharged at the required pressure levels to effectively combat fires onboard vessels. This optimal pressure setting guarantees the system's ability to swiftly and decisively extinguish fires, minimizing potential damage and enhancing overall safety.

Equipped with a versatile nozzle type that allows for both spray and jet configurations, this Marine Fire Extinguishing System offers adaptability in addressing various types of fires. Whether a wide-area spray is needed for coverage or a focused jet stream for targeted extinguishing, this system provides the versatility required to tackle different fire scenarios effectively.

Designed as part of the vessel's CO2 fire-extinguishing equipment, this Marine Fire Extinguishing System plays a crucial role in the overall fire safety measures implemented on ocean-going ships. As an integral component of the ship's CO2 fire-fighting system, this system works in tandem with other firefighting equipment to ensure comprehensive fire protection capabilities.

In conclusion, the Marine Fire Extinguishing System offers reliable and efficient fire suppression capabilities tailored to the specific requirements of marine environments. With its advanced features, including N2 propellant gas, multiple system activation options, optimal pressure settings, and versatile nozzle types, this system provides a comprehensive solution for combating fires on ocean-going vessels. By integrating this system into the vessel's fire safety infrastructure, ship operators can enhance onboard safety and protect against potential fire hazards at sea.



### Features:

Product Name: The Marine Fire Extinguishing System

Safety Diaphragm Bursting Pressure:  $18.6 \pm 1$  MPa

Agent: CO2

Working Temperature:  $-10^{\circ}\text{C}$  To  $55^{\circ}\text{C}$

System Activation: Electric, Pneumatic, Emergency Manual

Cylinder Type: Carbon Dioxide

### Technical Parameters:

Cylinder Type	Carbon Dioxide
Cylinder Material	Steel
Discharge Time	10-15 Seconds
Water Pressure Strenght Test	24.5 MPa
Working Temperature	-10°C To 55°C
Propellant Gas	N2
Nominal Pressure	14.7 MPa
Nozzle Type	Spray/Jet
Application	Marine Vessels
Cylinder Filling Rate	≤0.67kg/L

### Applications:

The RUIGANG Marine Fire Extinguishing System, model numbers RG8/10/12/20/40/68, is a top-of-the-line product designed to provide effective marine fire prevention solutions. With its origins in Guangzhou, Guangdong, China, this system is certified by CCS and BV, ensuring its quality and reliability in maritime applications.

Whether you are looking for a marine fire suppression system design for a small vessel or a large ship, the RUIGANG system offers flexibility with a minimum order quantity of just 1 set. The price is negotiable, making it accessible for various budget considerations. When it comes to packaging and delivery, rest assured that your order will be securely packed in a plywood outer box with bubble bag or paper, and delivered within 15 to 20 working days. Payment terms include T/T and L/C, providing convenience and flexibility for customers.

With a supply ability of 500 sets per month, RUIGANG ensures that customers' needs are met promptly and efficiently. The system operates within a working temperature range of -10°C to 55°C, making it suitable for diverse marine environments.

The cylinder type used in this marine fire extinguishing system is carbon dioxide, known for its efficacy in fire suppression. The cylinder filling rate is ≤0.67kg/L, and the system has a nominal pressure of 14.7 MPa, ensuring optimal performance in emergency situations. For added safety and durability, the RUIGANG system has undergone a water pressure strength test of 24.5 MPa, demonstrating its resilience in harsh marine conditions.

### Packing and Shipping:

#### Product Packaging:

The Marine Fire Extinguishing System is carefully packaged in a durable cardboard box with adequate padding to ensure safe transportation. The product is securely enclosed to prevent any damage during shipping.

#### Shipping Information:

We ship The Marine Fire Extinguishing System worldwide using reliable courier services. The product will be dispatched within 1-2 business days after placing your order. Shipping times may vary depending on your location, but rest assured that we make every effort to deliver your order in a timely manner.



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