

Perfluorohexanone / Novec 1230 Clean Agent Fire Extinguishing System 2.5MPa / 4.2MPa

Our Product Introduction

Basic Information

- Place of Origin: Guangzhou, GuangDong, China
- Brand Name: RUIGANG
- Certification: CCC/ISO9001/ISO14001/ISO10012/ISO45001
- Model Number: YF2 .5/40N-Y- RG YF2 .5/70N-Y- RG YF2 .5/90N-Y- RG YF2 .5/100N-Y- RG YF2 .5/120N-Y- RG YF2 .5/150N-Y- RG YF4 .2/70N-Y- RG YF4 .2/90N-Y- RG YF4 .2/120N-Y- RG YF4 .2/150N-Y- RG YF4 .2/120W- RG YF4 .2/150W- RG
- Minimum Order Quantity: 1set system
- Price: negotiation
- Packaging Details: Plywood outer box with bubble bag or pape
- Delivery Time: 15~20 working days
- Payment Terms: L/C, T/T ,Western Union
- Supply Ability: 30000 sets per month



Product Specification

- Product Name: NOVEC 1230 Pre-engineered Fire Extinguishing Systems
- Cylinder Capacity: 40L/70L/90L/100L/120L/150L
- Color: Yellow / Red
- Working Pressure: 2.5MPa /4.2MPa
- Filling Density: 1420kg/m³
- Agent Type: Perfluorohexanone NOVEC 1230
- Highlight: perfluorohexanone novec clean agent, perfluorohexanone novec 1230 clean agent, 2.5mpa novec clean agent



Product Description

NOVEC 1230 Pre-engineered Fire Extinguishing Systems Environmental Friendly And Efficient

NOVEC 1230 Pre-engineered Fire Extinguishing systems

The NOVEC 1230 Pre-engineered Fire Extinguishing System, also known as the NOVEC 1230 Clean Agent Fire Suppression System, is a highly durable and effective fire protection solution designed for indoor use. This system is ideal for protecting valuable assets and critical equipment in commercial, industrial, and residential settings.

The NOVEC 1230 Fire Suppression System is designed to quickly and efficiently extinguish fires in enclosed spaces, such as server rooms, data centers, control rooms, and other critical areas. It uses a clean and non-toxic gas - NOVEC 1230 - to suppress fires, making it safe for humans and sensitive equipment.

The body of the system is made of high-quality steel cylinder, ensuring its durability and reliability. It is also equipped with advanced technology and a user-friendly interface, making it easy to operate and maintain.

Product Introduction

- 1, Excellent environmental performance and low toxicity characteristics, can be a long-term sustainable alternative to halogenated alkane fire extinguishing agent.
- 2, Fire efficient and fast, the nozzle inlet pressure is high, stable, short injection time, improve the atomization effect of fire extinguishing agent, improve the fire extinguishing efficiency.
Due to the low boiling point of NOVEC 1230, it will evaporate in a short time after spraying.
- 3, Low fire extinguishing concentration, and far below the NOAEL concentration, good safety.
- 4, Non-corrosive, good insulation, will not cause damage to precision electronic equipment.
- 5, At room temperature is liquid, storage and transportation is convenient.
- 6, High filling density: the filling density of fire extinguishing agent is high, at present, the "external storage pressure type" HFC-227ea filling density $\leq 1240\text{kg/m}^3$, and the NOVEC 1230 filling density $\leq 1552\text{kg/m}^3$, the "internal storage pressure type" NOVEC 1230 filling density $\leq 1420\text{kg/m}^3$, effective use of the volume of the cylinder group.
- 7, The range of ambient temperature is wide $-10^\circ\text{C} \sim +50^\circ\text{C}$ (the freezing point of NOVEC 1230 is -108°C), it can be used in cold areas, without the need to install heating equipment in the equipment room.

Product Features

The NOVEC 1230 is a colorless liquid at room temperature, easy to vaporize, the evaporation heat is 1/25 of water, and the vapor pressure is 12 times that of water. These properties make it easy to vaporize and exist in the gaseous state, and the effect of fire extinguishing is achieved by heat absorption. It can be used as a clean extinguishing agent, which does not contain solid particles, grease and chlorine and bromine, which destroy ozone. After release, no residue is left, and it can be stored in an atmospheric tank, and it is convenient to transport.

- 1, Environmental protection:
It does not destroy the atmospheric ozone layer (ODP=0), and the global warming potential value is low (GWP=1).
- 2, Efficient fire extinguishing:
The design concentration of the NOVEC 1230 for fire extinguishing is about 4.5% to 6%, and the fire extinguishing efficiency is high.

The NOVEC 1230 extinguishes fire quickly, similar to HFC-227ea, and the spraying time is not more than 10s. It is of great significance for the objects that need rescue protection!
- 3, Non-corrosive, good insulation:
The NOVEC 1230 fire extinguishing system has good insulation, little influence on electronic equipment, and is suitable for precision electronic equipment.
- 4, Safety:
The design concentration of the NOVEC 1230 for fire extinguishing is about 4.5% to 6%, non-toxic reaction concentration (NOAEL) is 10%, and the safety is high.



Technical Parameter						
Product name	Product model	Working pressure	Filling density		Working temperature	Remark
NOVE C 1230 Pre- engine ered Fire Extingu ishing system s	YF2 .5/40N-Y- RG	2. 5MPa	1420kg/m³	≤10s	- 10 ° C +50 ° C	Rntegrat ed
	YF2 .5/70N-Y- RG					
	YF2 .5/90N-Y- RG					
	YF2 .5/100N-Y- RG					
	YF2 .5/120N-Y- RG					
	YF2 .5/150N-Y- RG	4. 2MPa				
	YF4 .2/70N-Y- RG					
	YF4 .2/90N-Y- RG					
	YF4 .2/120N-Y- RG					
	YF4 .2/150N-Y- RG					
	YF4 . 2/120W- RG					
	YF4 . 2/150W- RG					

Packaging and Shipping

Our NOVEC 1230 Fire Suppression System is carefully packaged to ensure safe delivery to our customers. The packaging materials used are durable and designed to protect the system during transportation.

Each system is securely packed in a sturdy cardboard box with proper cushioning to prevent any damage. The system components are also individually wrapped and placed in the box to avoid any potential shifting during transit.

For international shipping, our systems are packed in compliance with all necessary regulations and standards. This includes proper labeling, documentation, and packaging materials to ensure smooth customs clearance.

At NOVEC, we understand the importance of timely delivery and take all necessary precautions to ensure our products arrive at their destination in perfect condition.

For shipping inquiries or special packaging requests, please contact our customer service team for assistance.



Guangzhou Ruigang Fire-Fighting Equipment Co., Ltd.



+86 18124226119



18124226119@139.com



firefm200.com

No. 2, Zhongwei Road, Dongyong Town, Nansha District, Guangzhou