

Positive Pressure Air Breathing Apparatus SCBA

RHZKF Ergonomic Air Breathing Apparatus (SCBA) is designed with firefighter comfort in mind. The Air Breath Ergonomic hovers around the wearer's waist, keeping the SCBA at a low centre of gravity. The 180° panoramic full facepiece incorporates heat-resistant, flame retardant materials, and experimental testing has proven it can defend against open flame temperatures of 980°.



I: Respiratory protection series

Positive pressure air respirator

Self-contained open-circuit compressed air respirator

RHZKF6.8/30

Positive Pressure Air Breathing Apparatus

RHZKF6.8/30 Positive Pressure Air Breathing Apparatus is a self-contained open-circuit compressed air respirator, which is now mainly used in industry, shipping, steel, petroleum and petrochemical, metallurgy, mining and other industries. New composite carbon fibre material integrally moulded back plate, light weight and high strength. The mask double-layer snap-back type and the user's face closely fit the whole face and the outside pollution environment into the oxygen-deficient environment completely isolated.

Execution standard: GB/T 16556-2007

Gas cylinder configuration: according to the type of cylinder and water volume according to the site requirements, carbon fibre cylinders can be selected: 3L, 4.7L, 6.8L, 9L, 12L.

Applicable environment: places that endanger the health and life of the respiratory system, to protect the safety of the operating personnel in the smoke, fog, dust, toxic gases or lack of oxygen in the harsh environment.

Warm tips: In order to ensure the effectiveness of the air respirator in the use of the process, breathing assembly is recommended to return to the factory once a year to test, carbon fibre composite cylinders three years to test once, 15 years mandatory scrapping.



Model: RHZKF6.8/30
Weight: ≤10KG
Cylinder volume: 6.8L

Working pressure: 30MPa
Use time: 50±10min

Component composition





Model: RHZK6.8/A Working pressure: 30MPa
Weight: ≤11KG Use time: 50±10min
Cylinder volume: 6.8L

RHZK6.8/A

Positive Pressure Fire Fighting Air Breathing Apparatus

The most ergonomic positive pressure fire fighting air respirator (SCBA) is designed independently according to the comfort of firefighters. Air breathing ergonomically suspended at the waist of the wearer gives a support belt to keep SCBA at a low center of gravity. This empty breath belt can be adjusted in almost any shape and can be rotated, and provides a flexible pivot as a firefighter's action. The carry system that provides that ergonomic comfort makes it easier for the wearer to use this important equipment.

Execution standard: XF124-2013

Gas cylinder configuration: According to the cylinder type and water volume according to the site requirements, carbon fibre cylinders can be selected: 3L, 4.7L, 6.8L, 9L, 12L.

Fire protection configuration: The back of this respirator, harness, cylinder protective cover, belt, buckle, the belt mask made of rubber materials are fireproof and flame retardant materials, and the surface is easy to clean and maintain.

I: Respiratory protection series

Positive Pressure Fire Fighting Air Breathing Apparatus 3C economic type



- 进口碳纤维缠绕, 具有质量轻、强度高、安全性能好。带有气瓶保护橡胶套, 有效避免撞击、划伤, 出厂免费充气。
- 遇体夜光气瓶黑暗环境下快速识别队友位置。
- 气瓶可选择阻燃瓶底托或气瓶瓶体保护套
- 多种定制阀门搭配。

Patent certificate 3C certificate Explosion-proof certificate



CCC Certificate No.: Z2018081808000135

Explosion-proof certificate of conformity number: CMExC22.4515X

Patent Certificate Name: Pointer Hud electronic alarm pressure gauge for air call





RHZK6.8

Positive Pressure Fire Fighting Air Breathing Apparatus

Model: RHZK6.8
Weight: ≤11KG
Cylinder volume: 6.8L
Working pressure: 30MPa
Use time: 50±10min

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1

Figure 1
Intelligent digital
display electronic
alarm pressure
gauge



2

Figure 2
Built in Pressure
Head-up display
(HUD)



The full facepiece can be upgraded to a communication full facepiece: the communication system mask has clear sound quality and stable signal, the communication distance can meet the 1000m transmission, it needs to be used with the walkie-talkie, the facepiece is made of elasticated silicone, with good sealing. The communication system is smooth, with sound amplification and photos and other functions. The mask amplification communication device is used as a communication auxiliary part with the respiratory mask. It can effectively amplify the voice of the mask wearer's speech, with clear and loud sound quality to keep the conversation smooth, and can be customised with walkie-talkie connecting lines.

(Fast charging function)

Positive Pressure Firefighting Air Breathing Apparatus

Used in conjunction with the high pressure filling tube can achieve fast filling between air breathing apparatus, as well as filling pumps, compression containers, etc. on the air breathing apparatus cylinders without removing the replenishment function. Reduce the frequency of cylinder replacement, shorten the emergency response time and improve the rescue efficiency. Adopting quick socket type connection, the joint is sealed by itself, safe and reliable, and the quick socket joint has a protective sleeve.



Breathing apparatus end quick-fill connector
Specialised catheter for cylinder filling



I: Respiratory protection series

Positive Pressure Fire Fighting Air Breathing Apparatus

3C economic type

(Communication function)

Positive Pressure Fire Fighting Air Breathing Apparatus

HYZ2/HYZ4

Isolated positive pressure oxygen
respirator(2h/4h)



Execution standard:MT/T 867-2000

Oxygen respirator is also called isolated compressed oxygen respirator. The respiratory system is isolated from the outside world, the instrument and the human respiratory system to form an internal cycle, by the high-pressure cylinder to provide oxygen, there are airbags to store the gas during exhalation and inhalation, the product introduces the German technology, by a number of senior engineers and industry experts to jointly research and development to improve the large number of respiratory protection products, is the smallest volume on the market, the lightest, stable and reliable performance of the oxygen respirator products. Widely used in petroleum, chemical, metallurgy, coal, mining, laboratories and other industries (departments), for specially trained people in a toxic, harmful gas environment (ordinary atmospheric pressure) for rescue, accident handling, rescue or operation wear.

Characteristics and principle: The airbag gas storage device uses the flexibility of the airbag leather to change the volume of the airbag according to the gas pressure in the airbag to achieve the functions of gas storage and gas supply; Balloon gas storage devices are found in positive and negative pressure oxygen respirators. It is characterized by light weight, simple structure, high utilization rate of cuboid space and strong adaptability. In HYZ2, 2 means that the oxygen cylinder can work in a specific environment for 2h after being filled with oxygen, and 4 means 4h.

Model: HYZ2
Weight: 11KG
Gas cylinder volume: 1.6L
Working pressure: 20MPa
Usage time: 2h

Model: HYZ4
Weight: 1.51KG
Gas cylinder volume: 2.4L
Working pressure: 20MPa
Usage time: 4h



Designed according to the Asian face shape, with double sealing edge can fit different face shapes well, ensuring the wearing of airtight safety. The inner surface has undergone professional special anti-fog treatment, effectively preventing the operator from blurring the vision caused by the sweat generated during the operation process, the use of intrinsic flame-retardant optical PC wear-resistant material integrated moulding, high scratch strength, according to the actual needs of the optional cylinder pressure intelligent display device, convenient to intuitively understand the remaining volume of gas.



The ergonomic backpack shell is equipped with lightweight straps, adjustable shoulder straps and an easy to use "pull-forward" waist belt for greater freedom of movement. The practical breathing hose design across both shoulders ensures that the unit is ideally balanced on the wearer's back, guaranteeing freedom of movement during use operations, and the shell features reflective tapes that are highly visible in dark environments. The fibre-reinforced shell is injection moulded in one piece and is flame retardant, smash proof and bump proof.



The new pressure reducer, made of all copper with an outer layer of high quality stainless steel, is specially coated to resist corrosion. The area around the pressure reducer has been reinforced and the cylinder base has been additionally strengthened for better stability when carrying oxygen cylinders. To reduce the temperature of the inhaled air and minimise physiological stress on the wearer, blue ice can also be added to the breathing air cooler.



I: Respiratory protection series

Isolated positive pressure oxygen respirator

Capsule/cabin type

Isolated positive pressure oxygen respirator (capsule type 2h/4h)

Standard:MT/T867-2000

Characteristics and principles: capsule type gas storage device is to use the flexibility of the folded rubber in the breathing chamber, according to the size of the gas pressure in the breathing chamber, so that the volume of the breathing chamber can be expanded and contracted, in order to achieve the function of the gas storage and gas supply; breathing chamber type gas storage device is commonly used in the positive oxygen respirator. Its characteristics of the gas storage device stability, strength, gas storage chamber round design stability is stronger. Breathing compartment using blue ice can be recycled, cooling performance is stable, the human body inhalation is smoother, the circular structure of the gas storage device is environmentally friendly and fast, strong stability.



Breathing apparatus air chamber

Breathing apparatus packing box

Product Name	Positive pressure capsule oxygen respirator		Positive Pressure Chamber Oxygen Respirator	Positive Pressure Chamber Oxygen Respirator
Product Model	HY24	HY22	HY22C	HY24C
Protecting time (middle labour degree)	4h	2h	2h	4h
Cylinder volume	2.4L	1.6L	1.6L	2.4L
Oxygen volume	500L	320L	320L	≤500L
Weight of free calcium hydroxide	1.1kg	1.1kg	1.1kg	1.1kg
Weight	≤11kg	≤11kg	≤15kg	≤15kg
Rated working pressure	20MPa	20MPa	20MPa	20MPa
Overall Dimension	572×376×156(mm)	572×376×156(mm)	520×420×170(mm)	520×420×170(mm)
Expiratory resistance	≤600Pa	≤600Pa	510pa	510pa
Inspiratory resistance	(0-500) Pa	(0-600) Pa	200pa	200pa
Quantitative oxygen supply	1.6±0.2L/min	≥1.6L/min	1.4±0.1L/min	1.4±0.1L/min
Automatic Oxygen Supply	≥80L/min	80-100L/min	≥80L/min	≥80L/min
Manual replenishment of oxygen supply	≥80L/min	80-100L/min	≥80L/min	≥80L/min
Automatic replenishment valve opening pressure	(10-245) Pa	(10-245) Pa	200pa	200pa
Exhaust valve opening pressure	590pa	(40-700) pa	(400-700) pa	(400-700) pa
Carbon dioxide content in inhalation	≤1%	<1%	0.86%	0.86%
Oxygen concentration in inhalation	≥21%	≥21%	≥21%	≥21%
Total field of view of mask	82%	82%	82%	82%
Binocular field of view of the mask	70%	70%	70%	70%
Field of view under the mask	> 35°	> 35°	> 35°	> 35°
Alarm pressure	5.5±0.5MPa	5.5±0.5MPa	5.5±0.5MPa	5.5±0.5MPa
Sound level	90db	90db	90db	90db
Cylinder life	15B	15years	15years	15years
Inspection cycle	3B	3years	3years	3years
Cylinder standard	GB28053-2011	GB28053-2011	GB28053-2011	GB28053-2011
Atmospheric pressure	(70-125) kPa	(70-125) kpa	(70-125) kpa	(70-125) kpa
Applicable relative humidity	0-100%	0-100%	0-100%	0-100%
Temperature	-10℃-40℃	-10℃-40℃	-10℃-40℃	-10℃-40℃





I: Respiratory protection series

Long tube respirator

Motorised air-fed long tube respirator

Electric air-fed long tube respirator

HAT-DS(1/2/3/4 person)

Execution standard:GB6220-2009

The air supply type respiratory protective equipment relies on the power to overcome the resistance of the components, provide air source, to protect the normal breathing of personnel, which is characterised by motor power to gram suction resistance, thus reducing the user's physical load. It is suitable for use in environments and occasions with high work intensity, low ambient air pressure (e.g., plateau) and critical situations, and psychological tension of personnel. The air supply long tube air respirator is suitable for chemical, petroleum, pharmaceutical industry, gas plant construction underground construction and other industries, overhaul tower tanks, underground construction and other operating environments, can protect the workers in oxygen-deficient environments, defence against inhalation of hazardous gases, dust, smoke and other pollutants, and effectively compensate for the hazards of oxygen deprivation. In the underground pipeline or large tanks and other narrow space use more superiority.

Newly upgraded power failure alarm function, the blower in case of power failure issued a high volume of sound alarm, which allows staff to evacuate the work site in an emergency in a timely manner, so that the safety is more secure.



Model: HAT-DS
Housing: Stainless steel
Number of users: 1-6 persons
Rated voltage: 220V
Mask leakage rate: <0.05%
Mask dead space: <1%
Air flow: >500L/min

Air pressure: >1000Pa
Rated power: 160W
Protection time: unlimited
Expiratory resistance: <500Pa
Inspiratory resistance: >100Pa
Total field of view of mask: >75°



Explosion proof electric air supply long tube respirator
HAT-DSH-B



Inlet end dust filter parts



Polyurethane PU high elasticity conduit



PC face screen anti-fog full cover



Specialised industrial belt

Model : DSH-B
Housing: Stainless steel
Number of users: 1-6 persons
Rated voltage: 380V
Mask leakage rate: <0.05%

Mask dead space: <1%
Airflow: >500L/min
Air pressure: >1000Pa
Rated power: 370W

Protection time: Unlimited
Expiratory resistance: <500Pa
Inspiratory resistance: >100Pa
Total field of view of the mask: ≥75%



Powerful



Large air volume



Stable working



Multiple use

Explosion-proof symbol: Ex nA d IIB T3 GC

Scope of application

For the specific explosive environment, dust pollution, specific working conditions, provide by the safety filtration treatment respirator supporting the use of equipment.

Main use

Through the specific explosive environment, to achieve the specific function of electric long tube, (air through the safety treatment), reliable and stable pressure, can achieve a long time air supply (air supply).

Product features

Reliable and stable differential pressure, can achieve long time air supply. Difference between the market parts explosion-proof, our production of explosion-proof long tube respirator for the whole machine explosion-proof: explosion-proof motor, explosion-proof junction box, explosion-proof plug, explosion-proof shell, explosion-proof switch, can achieve long-distance multi-person simultaneous operation.

I: Respiratory protection series

Long tube respirator

Explosion-proof electric air-fed long tube respirator



HAT-ZX

Self-priming long tube respirator
Standard:GB6220-2009



Self-absorbing long tube respirator is a protective equipment which is used by the wearer to inhale clean air with the help of his/her own lung power through the breathing hose to ensure the breathing safety.

The use of long tube respirator for food-grade rubber sandwich cloth corrugated tube or plastic rib tube, non-hazardous materials safer. Has good heat and cold resistance, good chemical stability, also has high rigidity and toughness, good mechanical strength.

The mask has a wide field of vision, good sealing performance, strong oxidation resistance, friction resistance, and internal and external double-sided anti-fog and anti-glare treatment.

Long tube: 10m single as standard
Inspiratory resistance: <40Pa
Expiratory resistance: <55Pa
Mask field of view: >75%



Dust filter



Matching full facepiece



I: Respiratory Protection Series

Long Tube Respirator

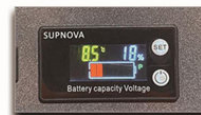
Self-priming Long Tube Respirator/Storage Type Air-supplied Long Tube Respirator

Energy storage type air-supply long tube respirator

HAT-BDS II



Power indicator



Colour display for temperature and power



Multiple dust filter cotton at inlet

This instrument has the main power conversion function, when the main power supply 220V power failure, the backup power work; with the backup power work long time: backup power undervoltage alarm; backup power protection and other functions. Power backup single continuous work up to 7 hours, two people work up to 6 hours.

New structural design, more beautiful appearance, the whole machine thin, the use of batteries as an internal backup power supply, charger built-in, work with AC power supply at the same time to charge the battery, the work of the continuation of both; intelligent conversion of power supply and battery, that is, the power supply power failure can be automatically converted to battery power supply, no need for special care, more professional, more secure.

Long tube: standard single ten metres (can increase the number of users)

Standard: GB6220-2009
Number of people: 1 person / 2 people
Chassis size: 320*205*215(mm)
Weight: 7kg/7.2kg
Power supply: 220V/AC
Working current: 3A/6A
Working Voltage: 12V/DC

Rated power: 60-75W
Air Supply: Continuous
Mask air volume: >30L/min
Fan airflow: >190L/min
Battery life: 7h/6h
Leakage rate of mask: <0.05%



solo



duo

Compulsory air supply filter type long tube respirator

HAT-QS

Standard:GB30864-2014

Forced air-feeding filtered respirator is a kind of protective equipment to protect the safety of human respiratory system, easy to use, fully loaded battery can provide more than 6h $\geq 100\text{L/min}$ continuous air-flow, according to the different operating bad conditions, you can choose different hood, mask and canisters, the open hood applicable environment is the same with the filtered respiratory equipment.

High-grade luxury impact resistant aviation plastic storage box packaging, the use of the long tube for high-quality corrugated hose.

It is suitable for places where the concentration of smoke, dust, poison and oxygen is not less than 18%, and the filtered ambient air is delivered to the wearer's mask for respiratory protection.

It consists of a full face mask, air delivery hose, air delivery main-frame, battery pack, canister, belt, etc.



Long tube: $<0.9\text{m}$
 Connector cuttlebone: RD40
 Number of users: 1 person
 Enclosure size: $320*205*215(\text{mm})$
 Flammability: $<5\%$
 Number of Filter Tanks: 2pcs/3pcs
 Weight: $<2.1\text{kg}$
 Airflow: $>100\text{L/min}$
 Air pressure: $>1000\text{Pa}$
 Working voltage: 12V

Rated power: 50W
 Dead space under shutdown condition: $<0.4\%$
 Dead space under power off condition: $<0.4\%$
 Total field of view of the mask: $>75\%$
 Binocular field of view: $>40\%$
 Lower field of view: $>35^\circ$
 Battery life: 4h-6h
 Leakage rate of the mask in switched-on condition: <0.01
 Leakage rate of mask when switched off: <0.05
 Operating noise: $<80\text{dB(A)}$

HAT-BDS III

Intelligent colour screen energy storage and air supply long tube respirator.

Standard: GB6220-2009

Electric air supply respirator series family design, the machine adopts thickened stainless steel shell, add 4.3 inch colour high-definition display, increase the side of the large air inlet holes filter layer (replaceable filter cotton), to ensure the safety of breathing, the internal and the bottom of the vibration damping and insulation design, increase the chassis inside the temperature, humidity, PM2.5, etc. numerical values of the monitoring and can provide anomalous warnings, users can Users can be prompted to make the correct treatment according to the detection situation.

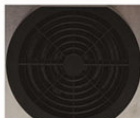
The display records the single working hours of the whole machine (the battery can be used by a single person for 6-8h, and by two persons for 4-6h), and shows the remaining power in percentage form, and the power is lower than the set value to trigger the low voltage alarm.

Current: 6A
Working voltage: 12V/DC

Rated power: 45W-60W
Airflow: 65m³/h



Intelligent LED colour screen



Full-size air inlet filtration



Energy storage and power supply type air supply long tube respirator

HAT-BDS

This instrument has the main power conversion function, when the main power 220V power outage, the backup power work; with the backup power working time is long; backup power undervoltage alarm; backup power protection and other functions. Power backup single continuous work up to 8 h, two people work up to 7 h.

New structural design, more beautiful appearance, the whole machine thin, using the battery as an internal backup power, charger built-in, with AC power supply work at the same time to the battery charging, the work of the continuation of both; Intelligent conversion of the power supply and battery, that is, the power supply power failure can be automatically converted to battery power supply, no need for special care, more professional, more secure.

Long tube: standard single ten metres (can increase the number of users)

Standard: GB6220-2009
Number of people: 1 person / 2 people
Chassis size: 350*200*250(mm)
Weight: 5.5kg
Power supply: 220V/AC
Working current: 3A/6A

Working voltage: 12V/DC
Rated power: 30-45W
Air Supply: Continuous
Mask air volume: >30L/min
Fan airflow: >100L/min
Battery life: 8h/7h
Leakage rate of mask: <0.05%



Digital Voltmeter



Micro-control adjustment of airflow



Ultra-fine dust filter



High quality PU long tube



Independent air outlet



Vertical regular model



Four bottles 6.8L

Four bottles 9L

Two bottles 6.8L

Two bottles 9L

Horizontal Conventional



Main pipe length: conventional 30m (customizable extension)
 Divider length: regular 10m (can be customized to extend)
 Number of masks: 2 pcs
 Working radius: 40-70m
 Frame material: stainless steel
 Escape cylinder: 3L
 Number of users: 1-2 people (excluding others)

Exit device model



Gas supply: > 400L/min
 Static pressure: ≤500Pa
 Burnout time: ≤5S
 Air tightness: ≤2MPa
 Expiratory resistance: ≤1000Pa
 Inhalation resistance: ≤500Pa
 Total visual field of mask: ≤75%

I: Respiratory protection series

Long tube respirator mobile trolley type long tube respirator
 (mobile air supply source)

Mobile cart type long tube air respirator.
 Implementation standard: XF1261-2015
 HAT-H KC 30/60

Mobile cart-type long tube air respirator (also called mobile gas supply source) is a vehicle-mounted self-contained open-circuit positive pressure long tube air respirator. Fresh gas is input into the mask through compressed air stored in a high-pressure gas cylinder, and the pressure in the mask is always greater than the ambient air pressure, thus ensuring users to realize continuous and reliable safe breathing under harsh environmental conditions such as oxygen deficiency or toxic and harmful gas, smoke and dust.

This product is flexible and convenient to move freely and separate man and machine through the trolley, and can be parked on the slope of ≤ 40°, with the longest working radius of 60-70m. The gas cylinders can be opened in turn, and the gas cylinders can be replaced without interrupting the operation, thus realizing the long-term operation of two people in an ultra-long distance.



SELF SUCTION FILTERING GAS MASK



Execution standard: (GB2890-2022)

Application areas: fire, chemical industry, hospitals, petroleum and petrochemical, etc

Applicable places: poisonous gas, dust, bacteria and other toxic and harmful environments

Respiratory Protection Series Gas Mask Self-priming filtering gas mask set

Catheter type self-priming gas mask



Executive standard: (GB2890-2022)

Specification: Full face mask+Catheter+Canister

Filter canister: Medium-sized

(choose according to the working environment)

Mask material: soft silicone

Ghost face mask can replace the full face mask with the use

Applicable industries: experimental, coal mine, foundry, fire, chemical, steel, petroleum and petrochemical, etc



Gas mask full facepiece set



HAT-T3 Yellow head net



HAT-T3 black headband



HAT-T4 grey double head version

Model: HAT-T3
Mask style: single filter full facepiece
Filter: Secondary single canister
Frame material: ABS
Screen material: polycarbonate
Nose and mouth cover: Silicone
Interface specification: RD40
Reference weight: 714g (including filter)

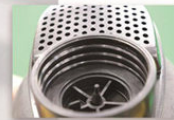
Model: HAT-T4
Mask style: dual filter full facepiece
Filter: one stage Single canister
Frame material: ABS
Screen Material: Polycarbonate
Nose and mouth cover: Silicone
Interface specification: both sides of the buckle
Reference weight: 574g (including filter)



Voice diaphragm /
voice amplification



Double-layer sealing for
perfect airtightness



RD40 universal interface



Food grade silicone material



HAT-T1 Dust Half Mask

- Soft silicone material
- One-piece moulded nose and mouthpiece
- Compact and easy to carry
- Extra large fibre filter



HAT-T2 Anti Dust Half Mask

- Soft silicone material
- Effective filtration of toxic gases
- Small size and easy to carry
- High-density compressed activated carbon.



Filter protection table

Canister numbering type: No. 2 Colour coding: green, white channel Test agent: cyanogen chloride Test standard/gas concentration (mg/l): 3.0 Defence time (min): 40 Anti-toxic objects (examples): hydrocyanic acid, cyanogen chloride, hydrogen arsenide, phosgene, diphosgene, chloropicrin, benzene, methyl bromide, methylene chloride, Louisiana gas, mustard gas, phosphine, poisonous fumes, poisonous mists	Canister number type: No. 5 CO Colour: White Test agent: Carbon monoxide Test standard/concentration of gas (mg/l): 5.8 (0.5) Defence time (min): 110 Anti-toxicity object (example): carbon monoxide
Canister number type: No. 1 B Marking colour: grey Test agent: cyanogen chloride Test standard/gas concentration (mg/litre): 3.0 Protect time (min): 55 Anti-toxicant objects (examples): inorganic gases or vapours, hydrocyanic acid, cyanogen chloride, hydrogen arsenide, phosgene, diphosgene, chloropicrin, benzene, methyl bromide, methylene chloride, Lewis gas, mustard gas, phosphine.	Canister number type: No. 6 Hg Colour: Red Test agent: Mercury Test standard/gas concentration (mg/l): 0.01 (0.00012) Anti-toxicity time (min): 4800 Anti-toxic object (example): mercury vapour
Canister numbering type: No. 3 A Colour: Brown Test agent: Benzene Test standard/gas concentration (mg/l): 16.2 (0.5) Defence time (min): 130 Anti-toxic objects (examples): organic gases and vapours, benzene, chlorine, acetone, alcohols, anilines, carbon disulphide, carbon tetrachloride, chloroform, bromomethane, chloromethane, nitroalkanes, chloropicrin, etc	Canister number type: No. 7 E Colour: Yellow Test agent: Sulphur dioxide Test standard/concentration of gas (mg/l): 13.3 (0.5) Anti-toxicity time (min): 32 Anti-toxic objects (examples): acid gases and vapours, sulphur dioxide, chlorine, hydrogen sulphide, nitrogen oxides, phosgene, phosphorus and chlorine containing organic pesticides
Canister number type: No. 4 K Colour of label: green Test agent: ammonia Test standard/gas concentration (mg/l): 3.6 (0.5) Defence time (min): 60 minutes Anti-toxicity object (example): Ammonia and organic derivatives of ammonia.	Canister No. Type: No. 8 H2S Colour: Blue Test agent: Hydrogen sulphide Test standard/gas concentration (mg/l): 7.1 (0.5) Defence time (min): 120 Anti-toxicity object (example): Hydrogen sulphide

Example



Filter (Type B)
Original tank 1



Filter (Type A)
Original tank 3



Filter (Type K)
Original tank 4



Filter (Type E)
Original tank 7



Filter (Type H₂S)
Original tank 8



Filter (Type CO)
Original tank 5

Positive Pressure Emergency Escape Breathing Apparatus HAT-TH/15-A

Fire and smoke, industrial gas leakage and other emergencies, for the site staff for a short period of time emergency escape use, such as: ship escape, building escape, underground tunnel escape, narrow space escape, and so on.

According to the requirements of the International Maritime Organisation, the product lasts for ≥ 15 min, and is lightweight, easy to use, no need for complex operations, quickly wear a mask, open the bottle valve in seconds to use.

Bottle valve, pressure reducer, alarm integrated design, pull the whistle type fast opening; on-demand gas supply, any breathing cycle, the pressure inside the mask is higher than the external environmental pressure. Cylinder volume 3L, maximum air supply 350L/min, with flame retardant full face mask.



Crossflow Emergency Escape Breathing Apparatus HAT-TH/15-B

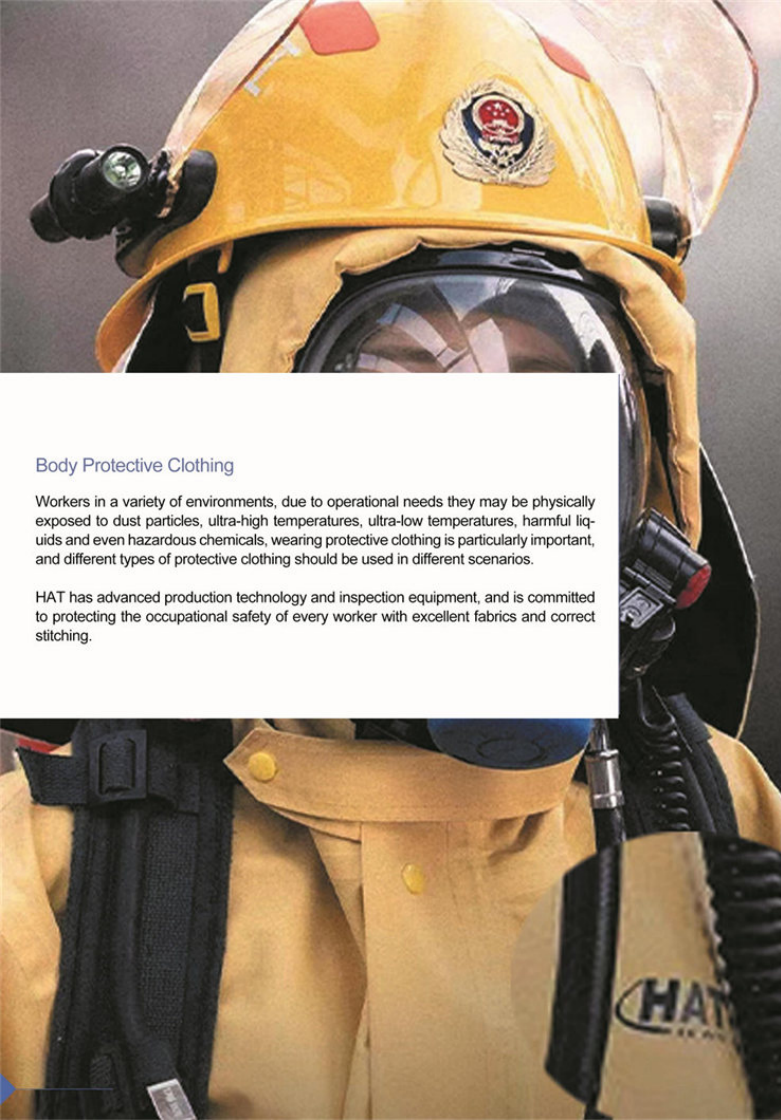
Fire and smoke, industrial gas leakage and other emergencies, for the site staff for a short period of time emergency escape use, such as: ship escape, building escape, underground tunnel escape, narrow space escape.

Quick start, simple operation, easy to wear. Continuous air supply, constant flow, always keep positive pressure inside the hood, prevent harmful substances and gas infiltration.

Bottle valve, pressure reducer, alarm integrated design, pull-type quick opening, simple hood using environmentally friendly silicone material, non-irritating.

Cylinder volume 3L, with simple type hood.





Body Protective Clothing

Workers in a variety of environments, due to operational needs they may be physically exposed to dust particles, ultra-high temperatures, ultra-low temperatures, harmful liquids and even hazardous chemicals, wearing protective clothing is particularly important, and different types of protective clothing should be used in different scenarios.

HAT has advanced production technology and inspection equipment, and is committed to protecting the occupational safety of every worker with excellent fabrics and correct stitching.

II: Body protection series

Chemical Protective Clothing Category Description and Size Chart

In the place of dangerous chemicals and corrosive substances for activities, in order to protect themselves from chemical hazards or corrosive substances should be wearing chemical protective clothing, chemical protective clothing can be used to prevent chemical liquids, solid particles attached to solid particles of toxic gases and sprays and other different forms of chemicals.

For different working environments, there are various types of protective clothing which should comply with the appropriate level of protection.

We provide all levels of protective clothing covering European and national standards. We can meet the different needs of customers.



Product: Class 1 Chemical Protective Clothing Fully Enclosed Heavy Duty Chemical Protective Clothing	Product: Sprayable Liquid-tight Chemical Protective Clothing	Product: Secondary Chemical Protective Clothing Semi-Closed Lightweight Chemical Protective Clothing
Model: RHF-I-H-A RHF-I-H-B RHF-I-H-T	Model: FH-I-H	Model: RHF-II-H-A RHF-II-H-B
Type Description: Airtight Protective Clothing Spray-tight protective clothing Splash Protective Clothing Protective clothing against solid particles Protective clothing against chemical liquid splashes Protective clothing against radioactive particles Protection against acid and alkali chemicals Antistatic properties	Type Description: Spray-tight protective clothing Splash-tight protective clothing Protective clothing against solid particles Protective clothing against chemical splashes Protective clothing against radioactive particles Protection against acid and alkali chemicals Antistatic properties	Type Description: Splash dense protective clothing Solid Particulate Protective Clothing Protective Clothing against Chemical Splashes Protective clothing against radioactive particles Acid and alkali chemical protection Antistatic properties
Protection level: XF770-2008GB24539-2021TYPE1(EN943)	Protection level: XF770-2008GB24539-2021TYPE1(EN943)	Protection level: XF770-2008GB24539-2021TYPE1(EN943)
Respirator Configuration: Built-in	Respirator Configuration: Built-in	Respirator Configuration: External
Zip: airtight zip	Zip: Liquid-tight zips	Zipper: fit type

Body protection products size comparison table.

Please choose the correct product according to the right size for your chest height and shoe size.

Size	Height	Length	Waist	Bust	Shoe Size
M	165-172	185	143	149	39-44
L	173-178	190	143	149	39-44
XL	178-183	195	143	149	39-44
XXL	183-188	200	143	149	39-44
XXXL	190	205	143	149	39-44

Heavy Duty Fully Closed Chemical Protective Clothing
Class I Chemical Protective Clothing

RHF-I-H

Heavy Duty Fully Enclosed Chemical Protective Clothing

Fully sealed first-class chemical protective clothing (heavy duty chemical protective clothing) protection performance to a high standard of protection, the protection range of toxic gases, acidic solvents, high temperature liquids, the material can protect up to 340 kinds of chemicals including the most common industrial chemicals and chemicals commonly found in chemical accidents, respirator built-in, can be used in conjunction with all brands of respirators; seams through the internal and external double vulcanisation sealing excellent, high mechanical strength, double sealed zipper; high-definition large-screen window, does not distort the visual effect; gloves and safety boots tightly attached to the overall. High mechanical strength, double sealed zip; High definition large screen window, does not distort the visual effect; Gloves and safety boots tightly attached to the jumpsuit.

- RHF-I-H-A Material: Flame retardant fabric coated with neoprene on both sides Thickness: 0.65MM
- RHF-I-H-B Material: Flame retardant fabric coated with PVC on both sides. Thickness: 0.55MM
- RHF-I-H-T Configuration: Built-in ventilator quick coupling.

Chemical gas protection

Corrosive liquid protection

Hazardous particulate protection

**Thermal bonding process.**

The seams of the garments are heat-sealed, which gives superior protection and a perfect airtightness.

**Multi-colour customisation**

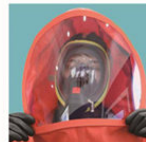
Selected PVC/neoprene fabrics, coated on both sides, 0.65mm thick

**One-piece backpack**

Worn in conjunction with an air respirator, it fits perfectly and comfortably, guaranteeing freedom of movement.

**Comfort Insulation Material**

Quality protective clothing comes from having excellent fabrics, the right stitching and sealing, and the best test data to prove it. Guaranteed quality is the core factory element of a chemical protection suit.

**Patented anti-fog screen**

Semi-rigid polycarbonate large face screen with anti-fog hardened treatment to withstand potential liquid splashes, with large wrap-around face mirror throughout.

Airtight copper zip throughout

To achieve a safer design idea, we match the suit with an entire airtight zip, impervious to air and air leakage, maintaining excellent protection and airtightness in very harsh environments.

**Dual overpressure exhaust valves**

Equipped with airtightness testing port, dual side overpressure exhaust system to keep the internal gas flow, one-way valve design to ensure the overall airtight effect.

Overall airtightness: $\leq 150\text{Pa}$

Ventilation resistance (PA): 78~118

Tear strength(N): ≥ 150 Cold resistance: -25° , no cracks after 5minPuncture resistance of chemical resistant gloves: $>22\text{N}$

Electrical insulation performance of protective boots: breakdown voltage should not be less than 5000V

Anti-slip performance of rubber boots:

the beginning of the slip angle $\geq 21^{\circ}$ Exhaust valve airtightness (S): ≥ 20 Tensile strength (kN/m): ≥ 20

Heat aging resistance: non-staining, non-brittle after testing according to the specified methods

Seam strength: $\geq 600\text{N}$ Puncture resistance of boot sole: $\geq 1400\text{N}$

Leakage current less than 3mA

Mass: $\leq 5.6\text{kg}$

Sprayable Liquid Tight Chemical Protective Clothing

One-piece, fully encapsulated, multiple use, jet liquid-tight chemical protective suit is suitable for emergency rescue, chemical treatment, leakage treatment, etc. It can protect against a variety of common chemicals, such as hydrochloric acid, sulfuric acid, acetic acid, sodium hydroxide, sodium hypochlorite, etc., and it has good resistance to puncture, abrasion, flex-rape, tear, impact, and flame-retardant properties. The upper is made of PVC, the sole is made of rubber, oil-resistant, acid and alkali-resistant, anti-smash, anti-puncture, anti-static, and can be used with built-in air respirator.

- Strong sealing and mechanical strength at the seams of the suit.
- Anti-fogging and high clarity of the face screen window
- Liquid-tight zips to prevent liquid penetration



Corrosive Liquid Protection



Built-in Ventilation Heavy Duty Chemical Protective Clothing

RHF-1-H-T chemical protection suit is assembled with a ventilation system regulating valve, built-in respirator link quick interface, to achieve the chemical protection suit ventilation and cooling, regulating the internal temperature of the suit to reduce humidity.

Mainly suitable for firefighters in the chemical hazards, corrosive substances, harmful gases and other oxygen-deficient site environment to eliminate the accident point and the implementation of the rescue mission to protect the combatants from injury, and effectively reduce the firefighters and rescue personnel to generate heat load. Is the existing fire protection equipment in the comprehensive performance excellent protective equipment.

- Built-in through phoenix distribution valve and pipeline
- Rapid cooling and moisture removal
- Ventilation system distribution valves: rationing of the supply volume $5 \pm 1 \text{ L/min}$



II: Body Protection Series

Lightweight Semi-Closed Chemical Protective Clothing
Liquid-tight Sprayable Protective Clothing
Built-in Ventilated Protective Clothing

RHF-II-H

Lightweight Semi-closed Chemical Protective Clothing

Standard:XF770-2008,GB24539-2021

One-piece design with double-layer lapels, consisting of chemical protective headgear, chemical protective clothing, chemical protective gloves and chemical resistant boots. Mainly used for torso protection when disposing volatile solids and liquids in chemical disaster accidents. It can be used with external positive pressure fire fighting air breathing apparatus.

- Thickness: $\geq 0.45 \text{ mm}$
- Production process: double stitching, hot contract adhesive tape
- Gloves: One-piece chemical resistant gloves



Colour configuration: red, yellow, green, grey

Flame burning time: $\leq 6 \text{ s}$

Flameless burning time: $\leq 2 \text{ s}$

Damage length: $\leq 10 \text{ cm}$

Puncture resistance of chemical protection gloves: $> 22 \text{ N}$

Electrical insulation performance of protective boots:

breakdown voltage should not be less than 5000V

Anti-slip performance of rubber boots: start slip angle $\geq 22^\circ$

Fabric material: flame retardant fabric coated with neoprene or PVC on both sides

Tensile strength (kN/m): ≥ 10

Heat aging resistance: non-staining, non-brittle after testing according to the prescribed method.

Seam strength: $\geq 450 \text{ N}$

Puncture resistance of boot sole: $\geq 1500 \text{ N}$

Leakage current less than 3mA

Mass: $\leq 5.0 \text{ kg}$



FGR-F/H

Heat-insulating protective clothing

Standard:XF634-2015

Imported heat insulation aluminium fabric, fabric feel soft texture.

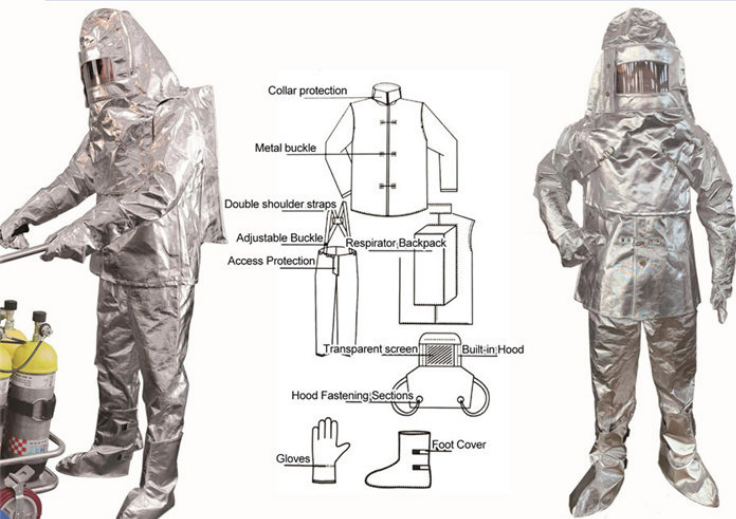
Fabric composite innovation technology is aluminium film and the substrate is extremely difficult to peel off, the fabric is resistant to 4000 times manipulation rub. Suitable for holding the fire position, close fire fighting grid clean up large stay in the forbidden fire scene close observation of the fire, command fire fighting. For tunnel pits and other narrow space fire fighting and rescue operations. For high temperature environment rescue.

Heat-insulating clothing for labour protection With backpack/without backpack

Heat insulation clothing using two layers of composite glass fibre aluminized fabric, grammage 550G/M2 can reflect 90% of the following radiant heat. Close to 300 °C high temperature can be up to 1h; 500 °C high temperature can be up to 30 minutes; at a temperature of 800 °C from the fire source of 1.75M when the temperature of the inner surface of the garment is greater than 25 °C for 2MIN; can be instantly close to the high temperature environment of 1000 °C.

Firefighting Thermal Protective Clothing: With backpack

The thermal insulation fabric is made of multi-layer fabric structure, the outer layer is flame retardant viscose fibre aluminised fabric, the middle layer is aramid thermal insulation, the inner layer is intrinsic flame retardant comfort layer, the grammage weight is 770G/M2. It can withstand 350G melted aluminium splash, 200G melted iron splash and up to 1200°C heat radiation.

**RHF-I-H-TA**

Fireproof Chemical Protective Clothing(Special Grade Chemical Protective Clothing)

Standard:XF634-2015,XF770-2008,GB24539-2021

The product is suitable for the whole body protection when disposing of biochemical agent at the scene of high temperature chemical disaster or biochemical terrorist attack.

It has the properties of flame retardant, heat aging resistance, cold resistance, petrol resistance, radiation heat penetration resistance, insulation, waterproof and strong sealing. One-piece structure, consisting of a one-piece hood with a large window, a chemical protective suit, a respirator backpack, protective boots, protective gloves, an exhaust valve, an airflow distribution valve, etc. It can be used in conjunction with an air respirator and other equipment. The internal design of the chemical protective suit is a ventilation and moisture removal system, which effectively reduces the heat load generated by firefighters and improves operational efficiency.

Item	Parameter
Rupture strength:	≥650N
Overall airtightness:	234Pa
Hydrostatic pressure resistance:	>20kPa
Continue burning time:	0S
Damage length:	46mm
Flaming time:	3.8S
Flameless burning time:	1S
Seam strength:	457N
Puncture resistance of gloves:	26N
Puncture resistance of shoe sole:	Left 2165, Right 2144
The specimen is not sticky or brittle after 125°C and 24h	



ZFMH-HAT-LT

One piece fire fighting protective clothing

Executive standard:XF10-2014

One piece fire fighting protective clothing is mainly used for fire-fighting, steam leakage treatment and other operations under high-temperature conditions in the more closed compartments of the ship, to protect fire-fighting personnel from the flames, vapors, heat radiation and high temperatures generated by the fire in the generation phase. Protective clothing by the outer layer (PBLKEVLAR), waterproof breathable layer (aramid nonwoven + Yang flame film), heat insulation (F-150), (aramid viscose flame retardant fabric) four layers of fabric composite from the style of one-piece hood type, can be closely with the firefighting protective helmets, protective boots, headgear, gloves and so on

Project / Parameters
Overall Thermal Protection:35cal/c㎡
Continue burning time:0S
Damage length:<100mm
Shrinkage rate:<5%
Moisture resistance:Grade 4
Outer layer breaking strength:≥650N
Tearing strength:≥100N
High and low temperature performance: no breakage after the test
Seam breaking strength:≥650N
Mass:≤3.5kg
After the specimen is subjected to 260℃ for 5min, the surface of reflective material has no charring and peeling off phenomenon



Optional Sleeves



Optional belt



II: Body Protection Series

Firefighting Protective Clothing

One-piece fire-fighting protective suit

HAT-BHF

Firefighting Protective Clothing

Executive standard:XF634-2015

Protective clothing used for firefighters to cross the fire area for a short time or enter the fire scene for a short time for fire fighting and rescue.

It consists of 7 layers of materials, including fire-resistant layer, fireproof layer, heat-insulating layer, waterproof layer, vapor-proof layer, reflective layer, and flame-retardant layer, and has good fire-resistant and heat-insulating properties. The garment is not only the personal protection of firefighters when they fight fire in the flame zone, but also can be used for the personal protection of the staff during the high temperature repair of kilns in glass, cement, ceramics and other industries.

- The structure is: split internal built-in respirator type
- The whole set of fire suit including jacket, pants, hood, gloves and fire shoes (can be optional with another heat insulation shoes). Reflective warning strips at the wrists and ankles.

Project Parameters
Overall thermal protection performance:33cal/c㎡
Continue burning time:0S
Damage length:≤15mm
Thermal stability performance (fabric outer layer performance): dimensional change rate: warp direction>3%, weft direction>2
No charring, melting and dripping of the heat-insulating hood after 5min at 160℃
Outer layer breaking strength:≥650N
Tear strength:≥100N
Left and right horizontal field of view ≥ 105°, upper field of view ≥ 7°, lower field of view ≥ 45°
The dexterity of the insulated gloves is not lower than the requirement of level 3 of GA7-2004.
Quality:≤7kg
The time for the temperature rise of the inner surface to reach 24℃ is not less than 60s.



Specialized fireproof boots



HAT-DW

Cryogenic liquid nitrogen protective clothing (anti-freeze clothing)

Implementation standard:GB/T38300-2019

Cryogenic liquid nitrogen protective clothing is made of multi-layer composite material and processed by precise production technology. Unique material selection and exquisite craftsmanship. Suitable for personnel working in extreme cold environments to wear, high flexibility and strong touch. Effective defense against extremely low temperatures. Working in low temperature for a long time, the product has no effect of hardening and deterioration, and effectively defends against the splash of low-temperature gases.

HAT-DW-A One piece with backpack**HAT-DW-B Split without backpack**

Respirator Backpack

Cryogenic Gloves

Cryogenic Boots

Cryogenic Apron

**II:Body protection series**Cryogenic liquid nitrogen protective clothing
Anti-Bee Combat Suit (Firefighting Anti-Bee Suit)**HAT-ZF FF**

Anti-Bee Clothing for Firefighting

Implementation standard:XF3008-2020

Made of multi-layer white high weave and high density polyester coated fabric, with sealing, wear-resistant, lightweight, high strength and other characteristics, mainly to prevent bee stings and wasp venom attacks, but also against hard objects scratching, cutting, tearing and other dangerous hazards such as firefighters caused by the damage, the clothes as a whole is made of white fabrics, which can be effective in forming a protective color, not easy to cause swarming bee attacks.

One-piece anti-bee suit with a hood and boots type one-piece suit and pants, gloves are additionally equipped so that it has a good seal.

The hood has a built-in cap shell and liner, and the view window is made of molded stainless steel mesh for a larger field of vision and better breathability.

The suit is equipped with vents designed for use in hot climates.



Project	Parameter
Seam strength:	≥200N
Overall puncture resistance:	≥20N
Glove puncture resistance:	≥22N
Glove cutting resistance:	≥20N
Glove dexterity performance:	level 3
Protective boots electrical insulation performance:	breakdown voltage ≥ 5000V, leakage current ≤ 3mA
Anti-slip performance of protective boots:	the beginning of the slip angle of 22°
Sole puncture resistance:	≥900N
Mass:	≤5kg
Test conditions, in	≥ 9KPa pressure test ≥ 2300 times, not cracked, not broken



Oxygen Filling Pump (Leak Detection Alarm)
HAT-YB30 PlusS



Standard:MT1085-2008
HAT-YB30 PLUS Oxygen Filling Pump is a gas filling equipment produced by our company which is used to pressurise the gas in the gas source cylinder to another gas cylinder, so that the gas in the cylinder reaches the required pressure value, and it is also suitable for filling other non-flammable gases.
The company is the first in the industry to add oxygen leakage detection and alarm device, water flow indication device, level and temperature indication device by combining the actual application scenarios.
"HAT-YB30 PLUS Oxygen Filling Pump is a gas filling equipment produced by our company which is used to boost the gas in the gas source cylinder to another gas cylinder, so that the gas in the cylinder reaches the required pressure value, and it is also suitable for other non-combustible gas filling.
The company is the first in the industry to add oxygen leakage detection and alarm device, water flow indication device, level and temperature indication device by combining the actual application scenarios.

Maximum exhaust pressure: 30Mpa
Number of compression stages: 2 levels
Crankshaft revolution: 440
Speed: 1430r/min
Power supply: 380V
Power: 2.2KW
Weight: 140kg



Oxygen leakage alarm device

- Detection principle: catalytic combustion or electrochemical
- Fault indication: Sensor fault indication
- Detecting gas: gas, oxygen, toxic gas
- Sampling method: natural diffusion
- Response time: ≤30S
- Explosion-proof grade: Exd IIC T6 Gb



III:Oxygen protection related products

Compressed Oxygen Filling Pump
Oxygen Respirator Calibrator/Carbon Fibre Oxygen Cylinder

HAT-AJ12
Oxygen Respirator Calibrator

AJ12 oxygen respirator verifier, not only can test the positive pressure oxygen respirator, but also can test the negative pressure oxygen respirator and mixed gas respirator technical performance, but also can test the performance of various types of respirator group components.



Measuring range of water column meter	-1100~1200 (Pa)
Measuring range of rotor flowmeter	0.35~3.5L/min
Measuring range of oxygen pressure gauge	0~2.5(Pa)
Air pump pumping rate	8~12L/min
Pump supply voltage	220V
Overall Dimension	380X264X150mm(Internal)

Carbon Fibre Oxygen Cylinder

Carbon Fibre Winding Cylinders are made of high quality and efficient carbon fibre yarn and high strength aluminium alloy liner. Carbon fibre winding cylinders have the excellent performance of corrosion resistance, long service life, light weight, high strength and non-breakage. At present, this gas cylinder is gradually replacing the traditional metal material gas cylinder, widely used in fire fighting, chemical industry, mining, automobile industry and other high tech fields.



Model	Length	Outer diameter	Thread	Weight	Volume	Working Pressure
CRPIII-106-1.6-20-T	270mm	115mm	M18X1.5	1.5kg	1.6L	20MPa
CRPIII-120-2.4-20-T	302mm	128mm	M18X1.5	1.6kg	2.4L	20MPa





Built for Rapid First Aid

According to the patient's test data, CPR can automatically carry out positive and negative pressure gas flow of oxygen-containing gas to synchronise the cardiopulmonary resuscitation (emergency) rescue work.



III: Oxygen protection related products
Automatic resuscitator
Portable Cardiopulmonary Resuscitator

HAT-BXFS II Portable cardiopulmonary resuscitator

Designed for individual life emergency rescue and transfer process of auxiliary treatment.

It is possible to carry out individual life detection pulse oximetry (which plays an important role in the process of first aid and transport to the hospital).

Small size, easy to carry

Based on on-site first aid regardless of the occasion, place and time.

Oxygen cylinder working pressure	20Mpa
Oxygen cylinder volume/use time	1.6L/45min
Adjustment range of automatic lung gas exchange volume	12~25.5L/min
Automatic lung inflation pressure	1.96~2.54kPa
Self-breathing air supply	≥15L/min
Suction ejection pressure	≤-65KPa



◆ CHARACTERISTIC 1



Replacement of steel cylinders with safer composite carbon fibre twisted cylinders.

◆ CHARACTERISTIC 3



New nano-technology aviation outer box, brushed and anti-static, waterproof, moisture-proof and shock-resistant, sturdy and durable.

◆ CHARACTERISTIC 2



Addition of an oximeter to monitor vital signs such as pulse oximetry.

◆ CHARACTERISTIC 4



Adjustable frequency and pressure gauge design knob instead of the traditional calibration airbag, saving time for digital aid.

HAT-QWLB12/0.8-A

Backpack type fine water mist extinguishing gun

Implementation standard: 《Q/CYHAT003-2018 two-phase flowing water mist fire extinguishing gun test outline》

High-pressure fine water mist fire extinguishing gun is mainly composed of water storage bucket, high-pressure gas cylinder, water mist sprayer, back support, gas and water conveying tube and so on. It is used for extinguishing or decontaminating the disaster site.

It can extinguish the initial fire of A, B, C and electrical category. The water storage bucket can add 6% of water film-forming foam or fire extinguishing agent dissolved in water. Mix water and gas into 100-150 micron ultra-fine water droplets, which can give full play to the advantages of water resources, non-polluting, fast and efficient. DC and spray can be switched in one second.

Suitable for A, B, C class fires in mid-rise civil and commercial buildings; electrical class fires in power plants, substations, chemical plants and other places; micro fire stations, fire trucks as standard; special occasions such as stations, wharf petrol stations, small oil depots and airport warehouses.

Bucket volume: 12L (can be customised)

Cylinder volume: 3L

Working Pressure: 0.8MPa

Total weight

(full of water and air): 27.8KG

Direct Spray Time: 63s

Spraying time: 78s

DC spraying distance: $\geq 13m$

Spraying distance: $\geq 7m$

Fire extinguishing level: 2A 55B



IV: Emergency fire-fighting and rescue series

Water Mist Fire Extinguishing Device

Backpack/trolley-type fine water mist fire extinguishing device

Air breathing water mist fire extinguishing gun

Combined with air breathing apparatus dual-use

Flame retardant silicone full face shield

6.8L carbon fibre cylinder

15L water storage bucket

Hazardous environment fire extinguishing and rescue



Air breathing water mist fire extinguishing gun

Large Capacity Water Storage Bucket 35L/60L

Double locking wheels + double universal wheels

6.8L carbon fibre cylinder

Extended delivery tube

Suitable for more complex fire environment



HHL-100

Compressed air filling pump (portable mobile)

The HL100 is a cost-effective breathing air compressor for fire-fighting, industrial and diving applications. It is designed for filling breathing cylinders with high pressure breathing air.

Mobile portable lightweight design, fast filling, providing safety and security of pure high pressure breathing air source, through high-precision multiple filtration system, the output of the gas in line with the European standard EN12021 standard.

Discharge volume: 100L/min
Number of compression stages: 3 stages
Working pressure: 300Bar
Speed: 2240r/min
Power supply: 220V/380V
Power: 2.2KW
Weight: <47kg

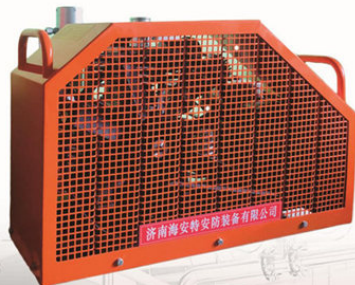


HAT-220

Compressed air filling pump
(movable and fixed)

HAT-220 is a three-stage air-cooled air compressor with W-type piston layout, which can be fixed-filled or mobile.
Can fill two cylinders at the same time
Alloy material final cylinder liner
Infinitely adjustable safety valve
Gas according to EN12021 standard

Discharge volume: 220L/min
Number of compression stages: Level 3
Voltage: 380V
Motor power: 4.5KW



IV: Emergency fire-fighting and rescue series

Water Mist Fire Extinguishing Device

Backpack/trolley-type fine water mist fire extinguishing device

HAT-300

Compressed air filling pump (movable and fixed)

Can fill up to four cylinders simultaneously
Built-in oil level indicator
High pressure safety valve
Auto shut-off and auto drain

Discharge volume: 300L/min
Number of compression stages: 3 stages
Working Pressure: 300Bar
Compressor speed: 1500r/min
Power supply: 380V
Power: 7.5KW
Weight: 119kg
Required cooling: 2800m³/h
Oil quantity: 2L
IP protection: IP55
Noise: ≤80dB



Air quality in accordance with EN12021
1040*510*650(LWHmm)

◆ Air compressor accessories and supporting products



HL-N150 Compressor Oil



HAT-FHT explosion-proof inflatable protection drum



HAT-FHG explosion-proof inflatable protection cabinet



HAT-TQ-A ABS safety helmet

Conforms to the standard requirements of GB2811-2019 "Helmet for head protection. Imported ABS material one-piece injection moulding, obtaining the national new product appearance patent certificate, four-point cap liner interspersed adjustment, top strengthened breathable design, brim rolled edge thickening treatment, improve the helmet side rigidity, the safety coefficient is increased.



Customised colours and logos available

HAT-701 Riding safety helmet

Comply with GB24429-2009 standard requirements
"Safety helmet is a kind of helmet that provides safety and security for drivers and riders of motorbikes, mopeds, electric bikes and other vehicles.

The cap shell is made of high-strength ABS, high-density cushioning layer to effectively protect the head safety, the quality is more lightweight, wear without pressure, special fibre fabric removable liner has the advantages of sweat absorption, fast drying, adjustable, etc., hardened processing lens, wear-resistant outer lens, anti-fog inside, effectively blocking 90% of ultraviolet rays, and effectively stop the flying objects on the move."



Customised colours and logos available



VI: Head Protection Series ABS safety helmet Firefighting helmet/rescue helmet

RJK-LA Rescue Helmet

Comply with XF633-2006 "Firefighters rescue protective clothing" standard requirements
Half helmet rescue helmet, colour: orange and red. Material: The helmet shell is made of high-strength plastic material with reinforcement at the top, high impact resistance. The helmet has a reflective logo pasted on it, and the detachment logo can be printed on the designated position of the helmet. Wearing device overall black, the cap should have ventilation holes, and adjustable size. Aramid mesh padding on the top, surrounded by a leather comfort layer, and a quick-release chin strap buckle.



FTK-B/B Fire helmet

Meets the requirements of XF44-2015 "Fire Helmet" standard.
Half-helmet fire helmet, colour: yellow, made of polyamide material (PA66), the cap shell is one-time injection moulding. Loading and unloading cape, using Kevlar fireproof material composite waterproof layer and aramid flame-retardant fabric three-layer structure, can completely cover the firefighter's shoulders and neck. The helmet body is equipped with black multifunctional modular slides on both sides, made of high temperature resistant and flame retardant material.





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360° VR panoramas we provide

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