

Fire Fighting Equipment 6.8L/9L KL99 Breathing Apparatus with Carbon Fiber Cylinder

Our Product Introduction

Basic Information

- Place of Origin: Nanjing, China
- Brand Name: KELISAIKE
- Certification: CE
- Model Number: Per the description
- Minimum Order Quantity: 1
- Price: US\$320-450
- Shipping Method: LCL, AIR, FCL, Express
- Payment Terms: T/T, Western Union, Paypal



Product Specification

- Model NO.: KL99 SCBA
- Certificate: CE: En 136, En137
- Gas: Compressed Air
- Working Pressure: 30MPa
- Service Time: 6.8L For 60 Mins
- Specification: 75x47.5x31cm
- Weight: 9 Kgs(Not Including Air)
- Trademark: KELISAIKE
- Warranty: 1 Year
- HS Code: 9020000000
- Highlight: Fire Fighting Breathing Apparatus 6.8L, KL99 Breathing Apparatus Carbon Fiber, 9L Air Breathing Apparatus



More Images



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Product Description

Fire Fighting Equipment 6.8L/9L KL99 Breathing Apparatus with Carbon Fiber Cylinder



CE/ MED approved, meeting
EN137, EN136 standards.

Air Cylinders: More robust and safer four-layer composite structure design; aluminum alloy inner bladder; carbon fiber; glass fiber; epoxy resin



Reduced Pressure Assembly:
Stable output pressure of the compressor. Despite featuring a small volume carbon fiber tank, the high pressure air in the tank can be quickly converted to standard low pressure breathable air.

Full Mask: Plug- in structure for quick connection with the demand valve; Leak tight mask, made of high quality flame resistant silicon rubber; Top silicon rubber oronasal cover, soft and high temperature resistant; Flame resistant reticulated hood and strap, easy to wear; High-intensity sound transmission diaphragm.



- **Back Plate Assembly** Consisting of a back plate, shoulder straps, a waist belt, a buckle, a pressure reducer holder and a cylinder fastener. Designed according to ergonomics, complying with the back shape of 5. human body.
- **Injection moulded**, with flame resistant engineering plastics and carbon fiber. The shoulder straps and belt are made of Nomex or KEVLAR, tear- resistant and flame-retardant.



The **Positive Pressure Air breathing Apparatuses** are self-contained open breathing apparatuses. This series of products, which are ideal personal breathing protectors for the fireman and emergency rescuer, are widely used in such sectors as fire fighting, chemical industry, shipping, petroleum, smelting, electricity, warehouse, lab, mine, for the firemen and emergency rescuers to perform effectually rescue and relief work under the conditions of heavy smoke, poison gas, steam and hypoxia, etc.

>>>Technical Specification Data:

Volume of the gas cylinder	6.8L/9L
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Cylinder material	Carbon fiber composites
Service time	≥60mins at 30L/min
Working pressure	30MPa
Hydrostatic pressure	45MPa
Overall weight	9kg(air not included)
Gas	Compressed air
Standard	CE: EN137

Type	KL99-6.8L/30	KL99-9L/30
Working pressure(MPa)	30	30
Volume of the gas cylinder(L)	6.8	9
Max flow(L/min)	300	300
Inhalation resistance(Pa)	<588	<588
Exhalation resistance(Pa)	<687	<687
Alarm pressure(MPa)	4-6	4-6
Service time(min)	60	90
Overall weight(kg)	9	≤11
Alarm voice	≥90dB	≥90dB

KL99 Carbon Fiber Composite Cylinder						
Part No.	Volume(L)	OD(mm)	L(mm)	Gas Capacity(L)	Wall Thickness(mm)	Complete Set N.W (KG)
KL99-C1-88-2.0-30-T	2	96	433	544	≥2.0mm	1.5
KL99-C2-105-3.0-30-T	3	114	446	817	≥2.0mm	2.1
KL99-C3-125-4.7-30-T	4.7	137	492	1275	≥2.0mm	3
KL99-C4-144-6.8-30-T	6.8	157	528	1835	≥1.8mm	3.8
KL99-C5-162-9.0-30-T	9	174	550	2530	≥2.0mm	4.9

>>>Component parts:



1. KL99-A01 full mask

- Silicone mask body
- Permanent double anti-fogging
- Wide field of vision, can reach above 91%
- Scratch and abrasion resistant lens
- Kevlar head net
- Equipped with speaking diaphragm
- Inhalation resistance 5 bar
- Exhalation resistance 10 bar

3. KL99-A03 warning whistle and pressure gauge

- Alarm pressure: 55+5 bar
- Alarm sound: 90dB
- With the whole rubber bumpers, can reduce the vibration to the gauge and the alarm

4. KL99-A04 backpack

Back plate assembly consists of back plate, shoulder strap, waist belt, buckle, pressure reducer holder and cylinder fastener.

Back plate is designed according to ergonomics, complying with the back shape of human body, making wearer more comfortable with a larger interface.

It is injection moulded by flame resistant engineering plastics and carbon fiber, it is of high intensity and shock-resistance to protect from being damaged, while weight is only 0.68kg.

Shoulder straps and belt are made of Nomex or KEVLAR, tear-resistant and flame-retardant. And they together distribute the weight of the apparatus effectively.

Pressure reducer which is fixed by drift bolt on back plate can be replaced easily.

5. KL99-A05 air supply valve

- Maximum supply flow rate is higher than 500L/min keeping a positive pressure in the mask
- The intake gauze can make breathing safer
- 360 degree quick joint, supplies the air fast and automatically
- Valve has an emergency gas supply button, throttle-switch and automatic suction structure to extend the usage time of the cylinder
- Hand-held, small and light, good down vision
- The whole blue rubber bumpers keeping scratch and drop resistance

6. KL99-A06 decompressor

The pressure reducer core adopts advanced technology with a design life of 15 years.

The unique maximum gas supply is above 1000L/min, ensuring the user's enough respiratory volume.

The main parts that connected with the reducer:

- Single or double cylinder
- The medium pressure hose whose function is to supply air to the demand valve
- The high pressure hose connected with the pressure indicator

7. Gas cylinder and cylinder valve

Carbon fiber gas cylinder, high strength, light weight, corrosion resistant

Y shape design, with safe self lock device to prevent inadvertent closedue to hard knock or incorrect operation. Unscrew the switch handwheel by rotating in the counterclockwise direction, it is regarded as the open condition and close vice versa. There is safety diaphragm set in cylinder valve, with explosion pressure at (37-45)MPa to prevent the deformation and explosion of cylinder due to inner high pressure.

8. Multifunctional fast join valve

Stainless steel

strong and durable

Traceless design, safe and reliable.

9. The configuration can be 2L/3L/4.7L/6.8L/9L

The inner liner is made of high-strength and corrosion-resistant aluminum alloy.

The middle layer is carbon fiber wound.

The bottle mouth thread is wrapped with glass fiber and is M18*1.5.



>>>Packaging:



packing interior:
good quality plastic case

Dim:76*28*52mm
G.W:27KG

>>>Company Information:



COMPANY APPEARANCE

THE OFFICE MEETING



WORKSHOP INSTRUMENT



◆ Nanjing Kelisaike Safety Equipment Co., Ltd. founded in 2004, Nanjing Kelisaike has three subsidiaries

in Beijing, Xi'an and Xinjiang province, and over 30 domestic sales service centers.

◆ Standard products include the K60 series portable single gas detectors, K60-IV series multi gas detectors, K800 series fixed gas transmitters, K500 series wall-mounted gas detectors, K1000 series gas detector control panel units, KL99 series air breathing apparatuses, etc.

◆ Nanjing Kelisaike is also a factory with rich experience in OEM service, providing professional design and manufacturing of customized products.

>>>Our Certificates:



◆ We have obtained CE, ISO and other international certificates for different market requirements.

>>>Workshop:



THE WORKSHOP

Nanjing KELISAIKE has passed ISO9001 International Quality System Certification, which ensures all products' excellent performance and competitive prices.

>>>Our Exhibition:



>>> Why choose KELISAIKE:

1. For all our customers, our products have 1 year warranty, and life-long maintenance.
2. All inquiries will be replied in 24 hours.
3. Providing technical support, professional engineers are specialized in dealing with gas monitoring problems you met.
4. OEM and ODM service are welcome.
5. KELISAIKE plant is located in Nanjing, only 1 hour by high speedtrain from Shanghai. Welcome to visit the factory.
6. All products are well tested and packed before shipment; the certificate of inspection will be provided.

>>> FAQ

Q: Are you provide customization?

A: Of course. It includes gas type, gas detection range, gas alarm point etc. Please contact us about the detailed specifications.

Q: Could I order one piece sample for the quality test? And do you charge for the samples?

A: Sure. We recommend to check the sample before order.
According to our company policy, we just charge the samples based on EXW price.

Q: If I order big quantity, what's the good price?

A: Please send the details enquiry to us, such as the Item Number, Quantity for each item, Quality request, Logo, Payment Terms, Transport method, Discharge place etc. We will make the accurate quotation to you as soon as possible.

Q: How about the Delivery time?

A: Samples will be prepared within 15 Days after 100% T/T in advance payment. QTY order will be delivered in 30 days.

Q: May I have your catalogue and price list for trial order in MOQ quantity?

A: All our products were shown on Made in China, please have a detailed looking and choose the interested models in our site. Or you can send email to us.





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