

FLAMEFIGHTER®

FFFHM - C

Fire Escape Mask

Thickened
Version

Large
Viewing
Window

Reflective
Strips

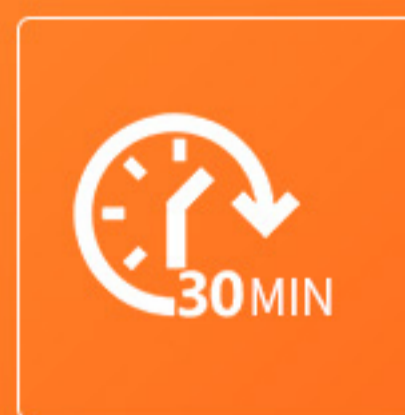
Powerful
Filtration



Firefighting Mandatory
Certification



Large-area Protection
with a Cape



30-Minute
Protection Time



Smoke Filtration
Efficiency \geq 95%



3-Year Shelf Life



Wide Range of
Applications

Why Choose FlameFighter's Full - Fitting Model?

Lower Breathing Resistance

The foldable smoke-filtering membrane is adopted to fully increase the contact area of the smoke-filtering layer and reduce breathing resistance.



Filtration Upgrade



Upgraded Smoke Filtering Layer
The foldable design for filtering smoke and toxins ensures smooth breathing, a larger filtering area, and better filtering effects!

Conventional Smoke Filtering Layer:
The single-piece filter paper has no smoke filtering layer, resulting in high breathing resistance, poor filtering effect and no protective function!

More Reliable Filtering Device

A reliable filtering device can ensure 30 minutes of anti - poison safety and buy us time.



Poisonous smoke is more dangerous than fierce fire.

Most casualties in fires are caused by poisonous smoke.

If you can hold on for just 5 more minutes, your survival rate can increase by over 10 times!



Do you know that the “hidden killer” in a fire is poisonous smoke?

The main cause of death from thick smoke is carbon monoxide poisoning.

In air with a carbon monoxide concentration of 1.3%, a person will lose consciousness after taking just two or three breaths and will die after breathing for 13 minutes.

The high temperature from thick smoke can burn the skin.

Inhaling air over 70°C can cause congestion and blisters in the trachea and bronchial mucosa, damage capillaries, disrupt blood circulation, lead to soft-tissue necrosis, especially of the cranial nerve center.

FLAMEFIGHTER®

Certified by China Compulsory Certification (3C) For Firefighting Products

Product passed fire - fighting acceptance inspection

3C certificate number for firefighting products: 2020081815002044

Inspection report number: Zb2020Z0431



中国国家强制性产品认证证书
CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

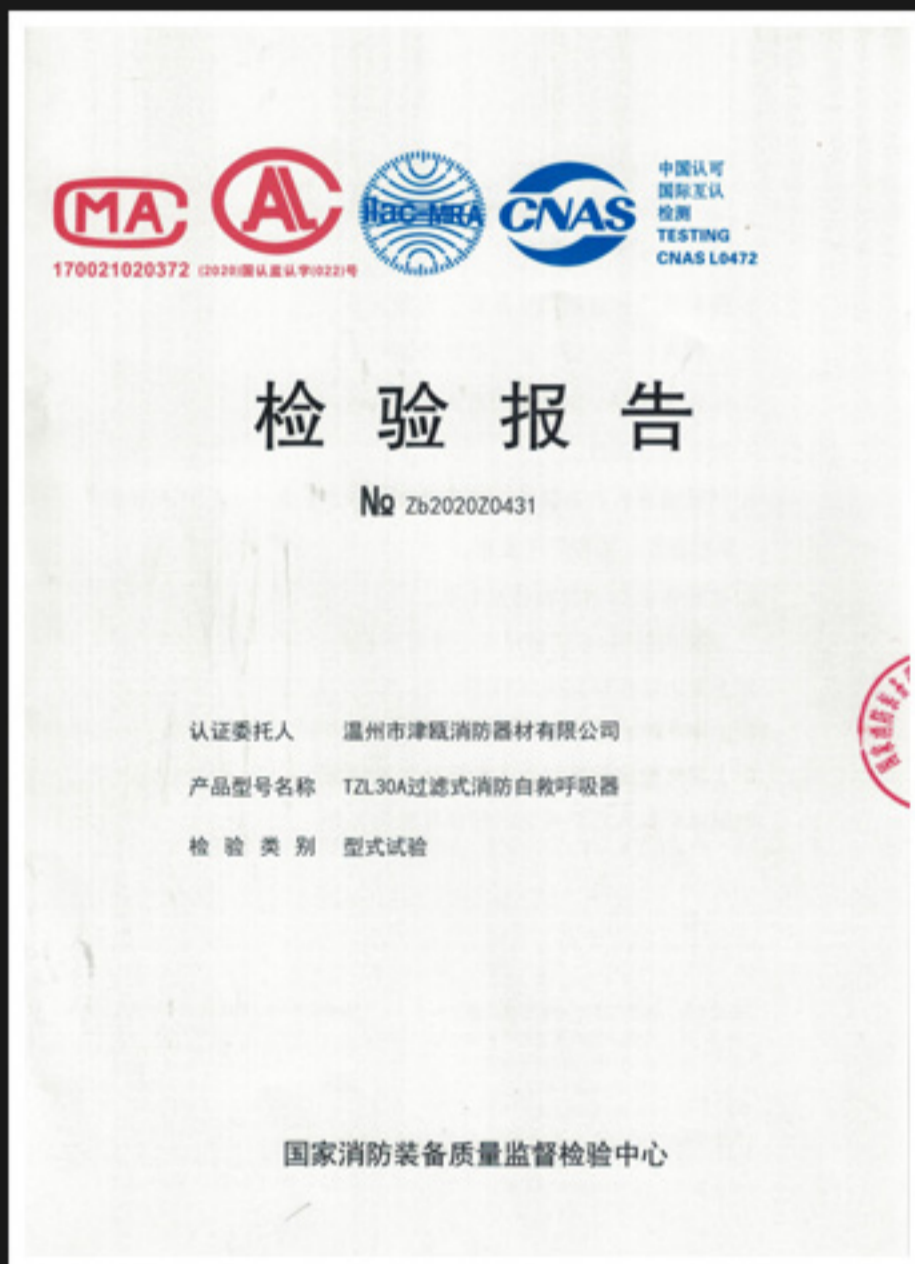
证书编号: 2020081815002044

认证委托人: 温州市津瓯消防器材有限公司
地址: 浙江省温州经济技术开发区滨海园区十二路588号第3幢第三层
生产者: 温州市津瓯消防器材有限公司(31003249)
地址: 浙江省温州经济技术开发区滨海园区十二路588号第3幢第三层
生产企业: 温州市津瓯消防器材有限公司
地址: 浙江省温州经济技术开发区滨海园区十二路588号第3幢第三层
产品名称: 过滤式消防自救呼吸器
认证单元: TZL30A
内含: TZL30A(主型)
产品认证实施规则: CNCA-C18-03: 2020
产品认证实施细则: CCCF-CCC-13
产品标准和技术要求: GB 21976.7-2012
上述产品符合强制性产品认证实施规则 CNCA-C18-03: 2020, 强制性产品认证实施细则 CCCF-CCC-13 的要求, 特发此证
首次发证日期: 2020-12-16
发(换)证日期: 2020年12月16日 有效期至: 2025年12月15日

本证书的有效性需依靠通过证后监督获得保持
本证书的相关信息可通过国家认监委网站 www.cnca.gov.cn 和中国消防产品信息网站 www.cccf.com.cn 查询

中国认可
产品
PRODUCT
CNAS C073-P

应急管理部消防产品合格评定中心
中国·北京东城区永外西便里甲108号 100077
<http://www.cccf.com.cn>



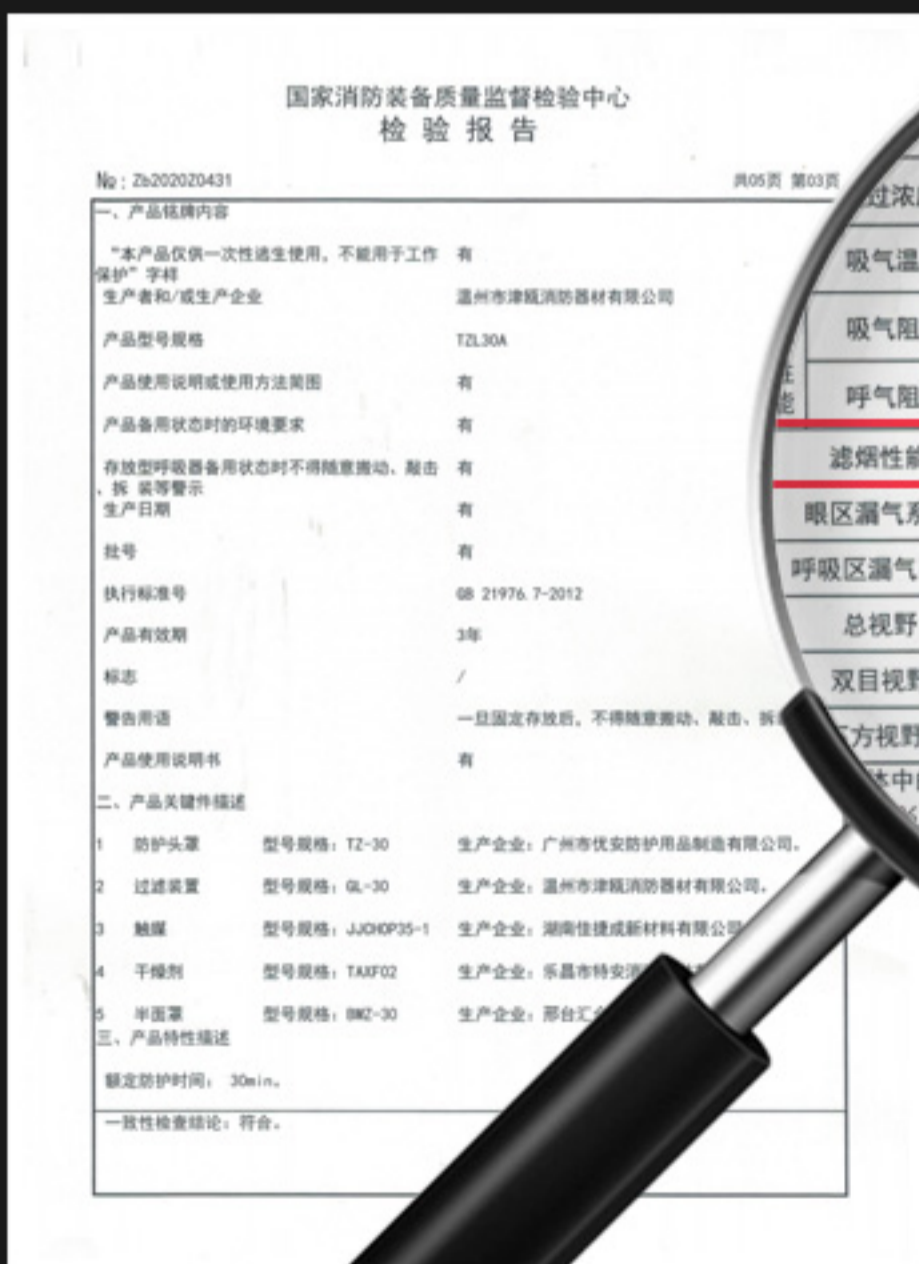
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170021020372 (2020)国认监证字(0222)号 中国认可 国际互认 检测 TESTING CNAS L0472

检验报告

No Zb2020Z0431

认证委托人 温州市津瓯消防器材有限公司
产品型号名称 TZL30A过滤式消防自救呼吸器
检验类别 型式试验

国家消防装备质量监督检验中心



国家消防装备质量监督检验中心
检验报告

No: Zb2020Z0431 共05页 第03页

一、产品铭牌内容

“本产品仅供一次性逃生使用, 不能用于工作保护”字样	有
生产者和/或生产企业	温州市津瓯消防器材有限公司
产品型号规格	TZL30A
产品使用说明或使用方法简图	有
产品备用状态时的环境要求	有
存放型呼吸器备用状态时不得随意推动、敲击、挤压等警示	有
生产日期	有
批号	有
执行标准号	GB 21976.7-2012
产品有效期	3年
标志	/
警告用语	一旦固定存放后, 不得随意推动、敲击、挤压
产品使用说明书	有

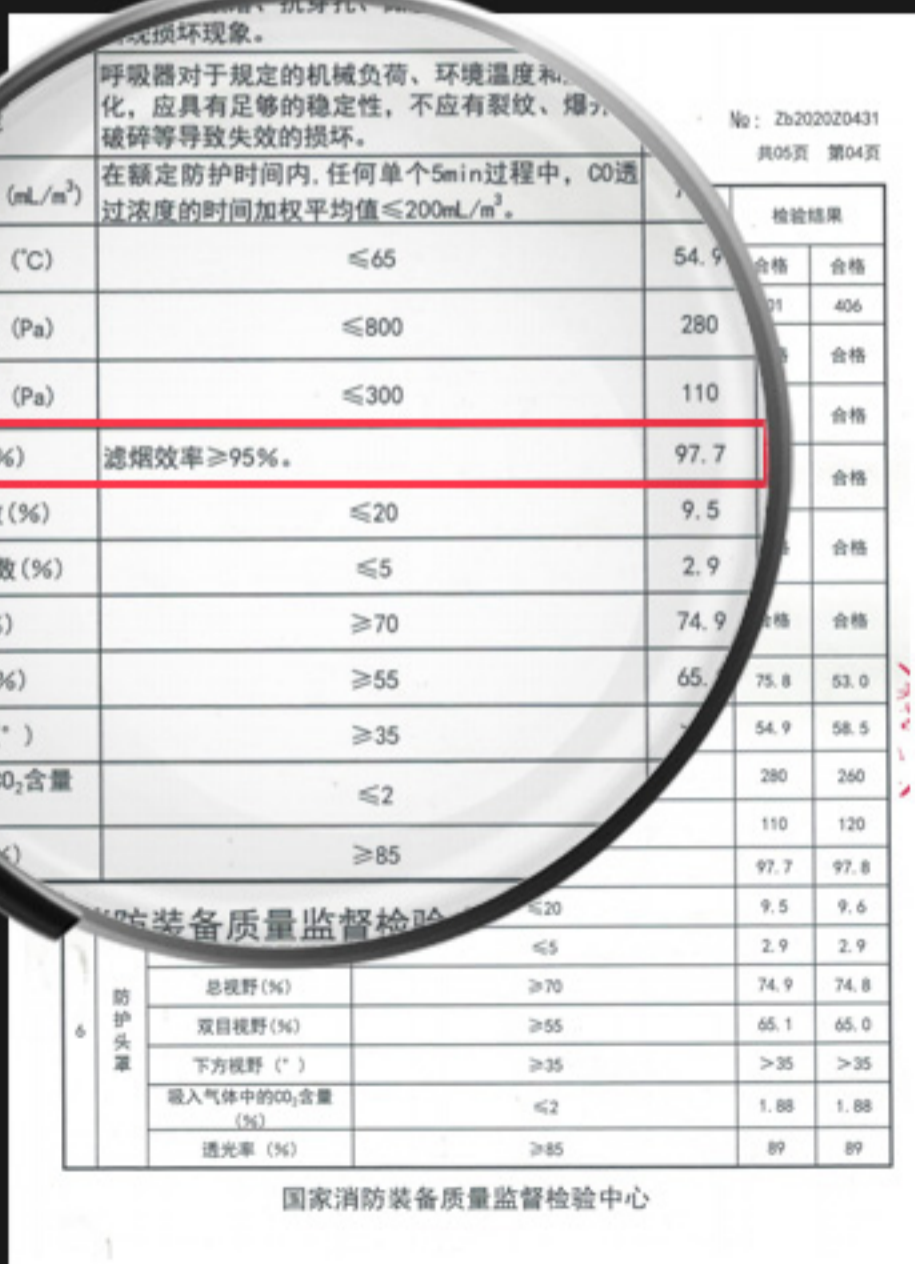
二、产品关键件描述

1 防护头罩	型号规格: TZ-30	生产企业: 广州市伏安防护用品制造有限公司。
2 过滤装置	型号规格: GL-30	生产企业: 温州市津瓯消防器材有限公司。
3 触媒	型号规格: JJKH035-1	生产企业: 湖南佳捷成新材料有限公司。
4 干燥剂	型号规格: TAXF02	生产企业: 乐昌市特安消防设备有限公司。
5 半面罩	型号规格: BMZ-30	生产企业: 邢台汇安消防设备有限公司。

三、产品特性描述

额定防护时间: 30min.

一致性检查结论: 符合。



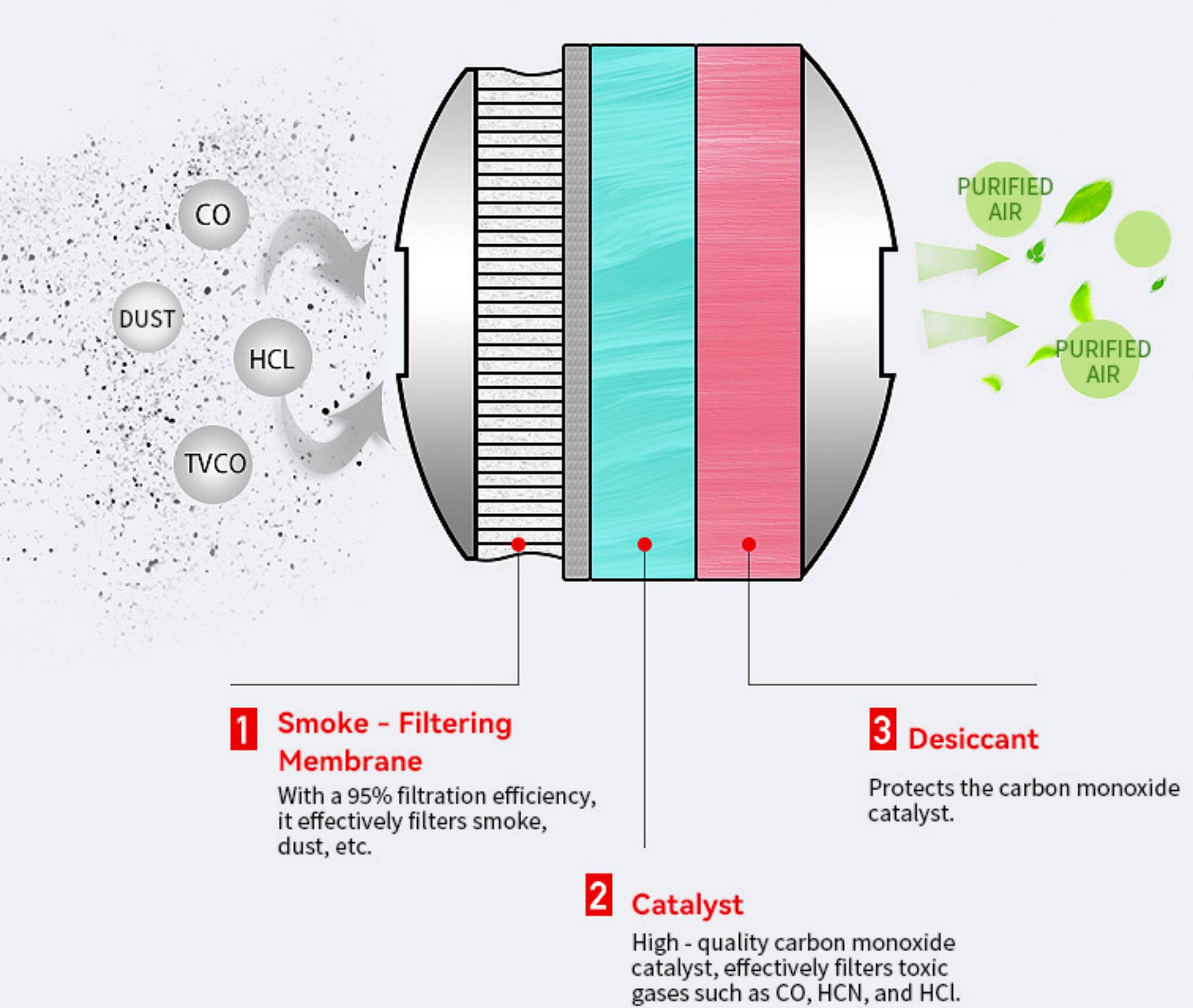
No: Zb2020Z0431 共05页 第04页

序号	检验项目	技术要求	实测值	判定	合格	不合格
1	呼吸器对于规定的机械负荷、环境温度和水汽、化学、物理、生物、辐射、电、磁、热、声、振动、冲击、碰撞、跌落、老化、应具有的稳定性, 不应有裂纹、爆炸、破碎等导致失效的损坏。	在额定防护时间内, 任何单个5min过程中, CO ₂ 透过浓度的时间加权平均值 $\leq 200\text{mL}/\text{m}^3$ 。				
2	吸气温度 (°C)	≤ 65	54.9	合格	合格	
3	吸气阻力 (Pa)	≤ 800	280	合格	合格	
4	呼气阻力 (Pa)	≤ 300	110	合格	合格	
5	滤烟性能 (%)	滤烟效率 $\geq 95\%$ 。	97.7	合格	合格	
6	眼区漏气系数 (%)	≤ 20	9.5	合格	合格	
7	呼吸区漏气系数 (%)	≤ 5	2.9	合格	合格	
8	总视野 (%)	≥ 70	74.9	合格	合格	
9	双目视野 (%)	≥ 55	65.1	合格	合格	
10	下方视野 (°)	≥ 35	35	合格	合格	
11	吸入气体中的CO ₂ 含量 (%)	≤ 2	1.88	合格	合格	
12	透光率 (%)	≥ 85	89	合格	合格	

国家消防装备质量监督检验中心

Multi - Layer Filtration, Smoke Filtration Rate $\geq 95\%$

Side Sectional View of the Gas Filter Canister



TECHNICAL PERFORMANCE

Item	Index	Inspection Result
Leakage coefficient:	<5%	✓
Oil mist penetration coefficient:	<5%	✓
Protection against hydrogen cyanide (concentration 0.04%):	> 30min	✓
Protection against carbon monoxide (concentration 0.25%):	> 30min	✓

FLAMEFIGHTER®

Be Prepared for Escape and Self - Rescue

Product Detail Parameters

Inner flame - retardant cotton:

High - efficiency fire - retardant, heat - resistant.

Multiple reflective strips:

Conspicuous alerts in fire scenes.

Wide view:

Large viewing window.

Full - fitting TPE mask:

Soft, well - fitting, good airtightness..

Filter canister:

Five-layer filtration, filtration rate > 95%.

Ventilation valve:

Prevents skin adhesion.

Rubber valve plug:

Easy to use

Cape design:

Enhances shoulder and neck protection

Thickened aluminum film:

Strongly fire-retardant and heat-reflective.



Protective targets:	Harmful gases like carbon monoxide (CO) and smoke
Protection duration:	30 min
Smoke filtration efficiency:	≥ 95%
Inspiratory resistance:	< 800 Pa
Expiratory resistance:	< 300 Pa
Complies with product standard:	GB21976.7 - 2012
Application:	Personal respiratory protection device for fire accidents in places such as residences, office buildings, and shopping malls.

Suitable For All Kinds Of Places.

The fire escape mask is a must - have protective breathing device for fire accidents in hotels, guesthouses, office buildings, banks, hospitals, power facilities, public entertainment venues, factories and subways.



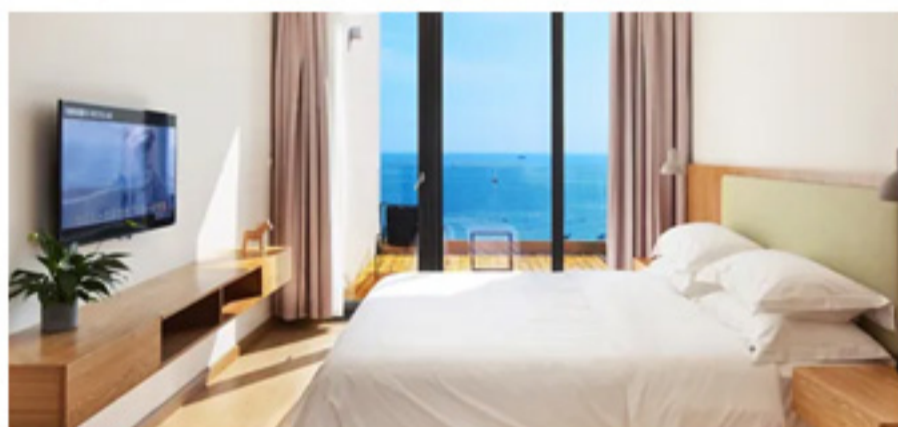
Home use



Office building



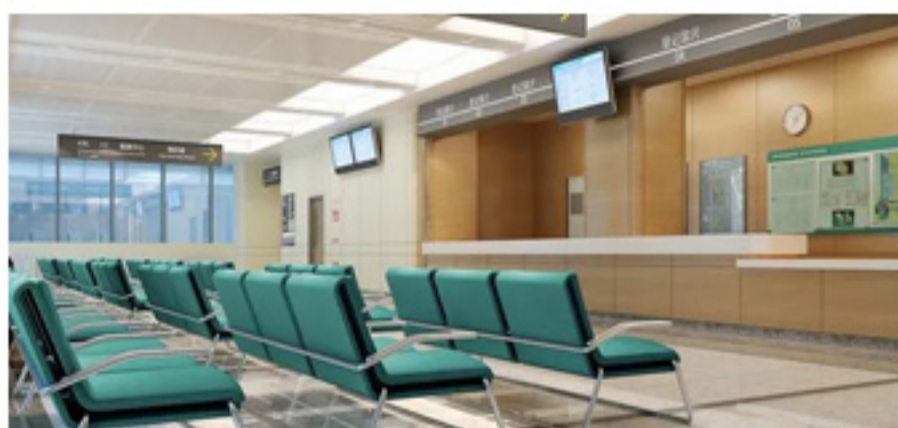
Shopping mall



Hotel



Power plant



Hospital



School



Entertainment venue

FLAMEFIGHTER®

Multiple Reflective Strips For Eye - Catching Reminder.

Surrounding reflective strip design,
highly visible and striking.



Usage Instructions for the Filter-type Fire Escape Mask



- ①. Take out the escape mask and tear open the sealed bag.



- ②. Remove the rubber plugs at the front and back of the canister.



- ③. Wear the mask correctly and tighten the headband.



- ④. Choose an escape route and escape promptly.

Warning: This product is only intended for personal escape and self - rescue during fires. Any use in non - fire situations or using the product to enter a burning building for rescue operations during a fire is considered improper use. The user shall be solely responsible for all consequences arising therefrom, and our company shall assume no liability.

Usage

This breathing apparatus is an essential personal protective breathing device for fire accidents in residential buildings, office buildings, shopping malls, banks, postal services, power plants, ships, telecommunications, subways, refineries, chemical plants, public entertainment venues, and hotels.

Precautions

- 1.This product is for single - use only. It is not for work protection but only for personal escape and self - rescue.
- 2.When in standby: The ambient temperature should be between 0°C-40°C There should be no heat sources, flammable, explosive, or corrosive items nearby. The area should be well - ventilated, protected from rain and moisture.
- 3.This breathing apparatus is for fixed storage. Once placed, do not move, knock, disassemble or assemble it casually to avoid accidental failure.
- 4.This breathing apparatus cannot be used in an environment where the oxygen concentration is less than 17%.
- 5.The elderly and children should be assisted by adults. Other exposed parts of the body should be well - protected.
- 6.Once the plastic packaging bag is torn, the breathing apparatus is considered invalid and cannot be reused.
- 7.The product has a validity period of 3 years. Please check the product date regularly. Do not use expired products. Contact your local dealer immediately to purchase new ones for replacement.

FLAMEFIGHTER®

Product Details

Safety Protection, Fire - fighting Certification,
Safe and Assured



Thickened Filter Valve

Reliable performance. It can be used for up to 30 minutes in an environment with harmful gases like CO.

Inner Sealed Packaging:

Vacuum - packed inside to effectively protect the product from contamination. (Note: A small amount of air inside is normal, no need to worry.)





Extra - large Viewing Window

Offers a broad field of vision , facilitating clear view of the fire scene for decisive escape.

Soft TPE Mask

Fits snugly on the face, fully ensuring filtration efficiency and comfort.



Multiple Reflective Strips

Provide prominent warnings at night to indicate the position.

