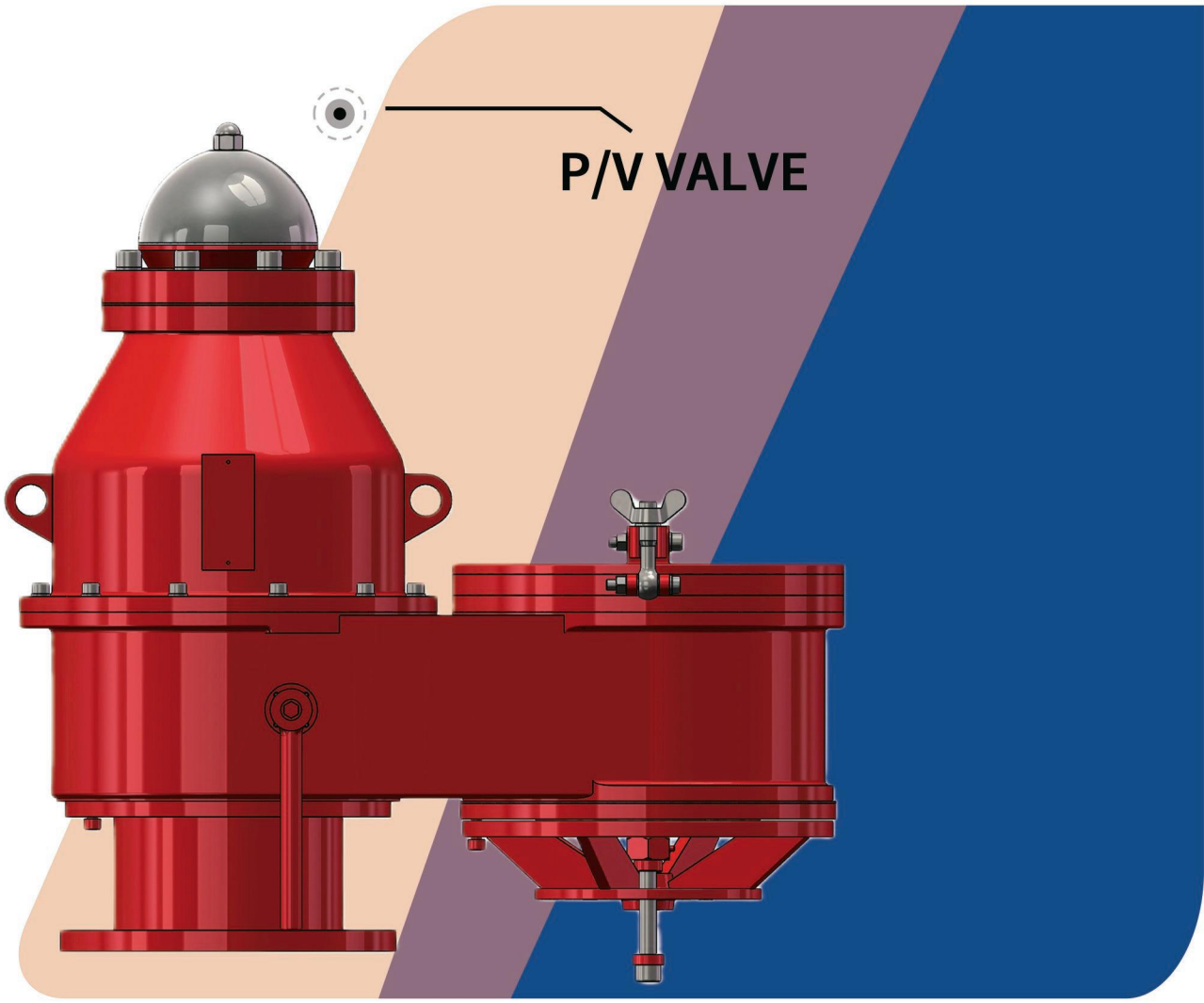
高端流体设备的集成供应商

PREMIUM FLUID TECHNOLOGY SOLUTIONS PROVIDER



青岛亿克斯阀门有限公司
QINGDAO EXSAFE VALVE CO.,LTD.

超越安全|Beyond Safety
WWW.EXSAFEVALVE.COM



公司简介

青岛亿克斯阀门有限公司（以下简称亿克斯）是一家专注于船用高速透气阀（P/V阀），呼吸阀，空气管头，阻火器，调节阀，船用阀门，滤器，管路方案及相关产品的研发、设计与生产的科创型技术企业，致力于为全球海洋工程及船舶领域提供卓越的流体控制解决方案。凭借扎实的研发实力、成熟的生产管控及专业的售后维保能力，亿克斯为客户提供从产品咨询、方案定制到全球全方位的维保、维修等服务。

Qingdao Exsafe Valve Co.,Ltd. (hereinafter referred to as Exsafe Valve) is a technology-oriented enterprise specializing in the research, design, production and service of High Velocity Vent Valve (P/V valve), In-line Valve, Flame Arrestor, Air Vent Head, Regulating Valve, Marine Valve, Strainer, and all Piping Solutions. Committed to providing excellent fluid control solutions for the global offshore and marine industries and based on its strong R&D capabilities, mature production control, and professional after-sales service support, Exsafe Valve serves its clients with comprehensive services ranging from product consultation and customized solutions to after-sales inspection, maintenance and repair globally. Having successfully obtained quality management system certifications and approvals from major Classification Societies such as CCS, BV, ABS, DNV, LR, KR, NK, RINA, VR etc., the company strictly adheres to international quality standards to ensure product performance and reliability.







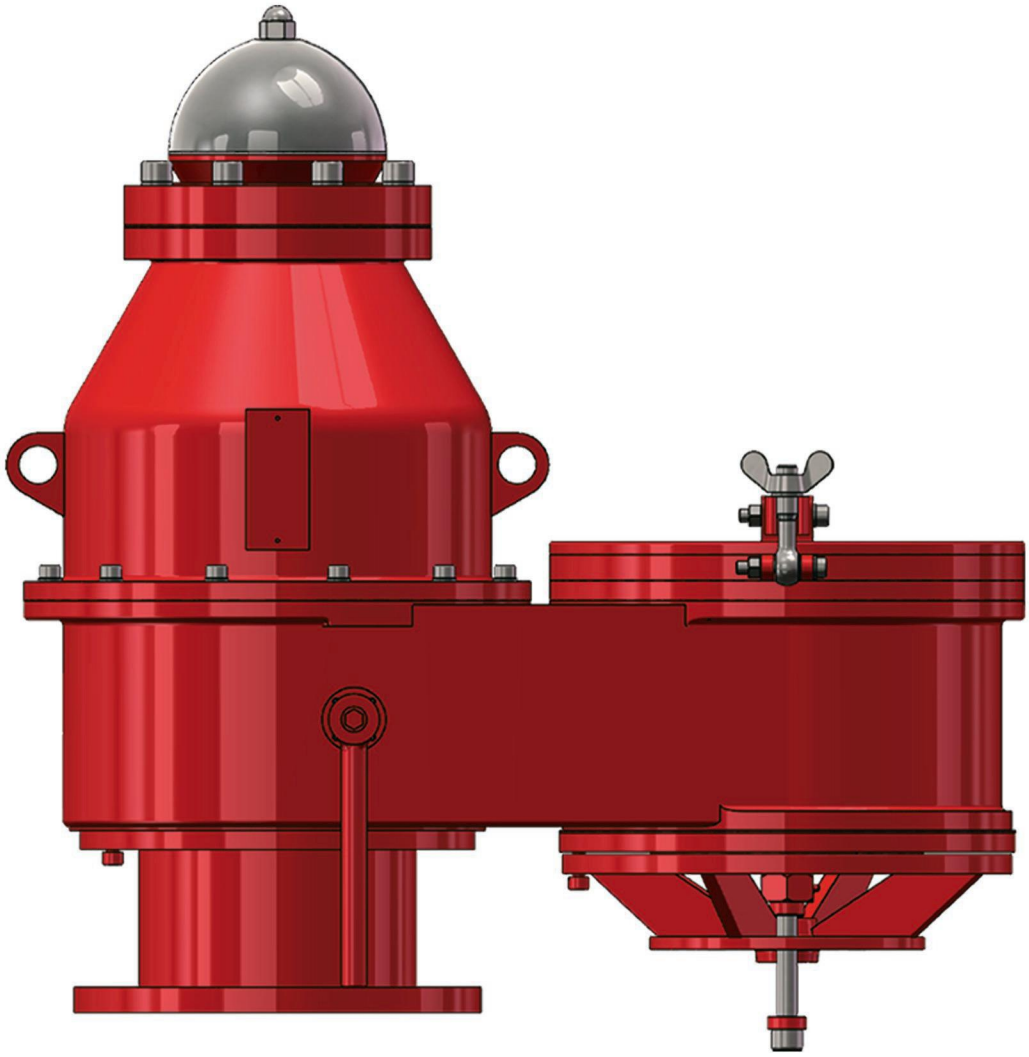
亿克斯严格遵循国际质量标准，已顺利通过ISO15364：2021及CCS, DNV, BV, LR, ABS, KR, NK, RINA, VR等主流船级社的认可认证，以权威资质保障产品性能与可靠性！

山东省青岛市城阳区青大工业园区
Qingda Industrial Park, Chengyang District, Qingdao City, Shandong Province, China

Contact Us

info@exsafevalve.com
www.exsafevalve.com

+86-16655555006
+86-18964567890



High Velocity Vent Valve （P/V VALVE）

型号/Type		EM-50A	EM-65A	EM-80A	EM-100A	EM-125A	EM-150A	EM-200A	EM-250A	EM-300A
公称通径/Nominal Diameter(mm)		50	65	80	100	125	150	200	250	300
最大管长/Max. Vent Pipe Length（m）		≤291	≤291	≤291	≤291	≤291	≤291	≤44	≤5	≤5
允许冰层厚度/Permissible Ice Thickness（mm）		20	20	20	20	20	20	20	20	20
额定流量/Rated flow (m^3/h)	压力阀/Pressure Valve	700	800	1250	2400	3750	5000	15600	20710	64200
	真空阀/Vacuum Valve	600	600	800	900	1500	1900	2700	6950	13800
	透气盖/Gas Freeing Cover	850	850	1150	1900	2900	3800	24000	42900	121000

PV@EXSAFEVALVE.COM

EXSAFE PV VALVE

EXPLOSION-PROOF ELECTRIC

P/V VALVE



EXPLOSION-PROOF TEMPERATURE CONTROL

Equipped with explosion-proof heating components and junction box for safe operation

CORROSION RESISTANCE

Designed with durable materials for harsh marine and offshore environments

TEMPERATURE RANGE

Suitable for extreme conditions with reliable performance from -60℃–+200℃

CHARACTERISTICS

High Sealing Performance

Advanced sealing structure minimizes leakage and maintains system integrity

Stable Pressure Regulation

Precise pressure and vacuum control helps protect cargo tanks and storage systems

Low Maintenance Design

Simple structure allows easy inspection, servicing, and long-term operation.

High Flow Capacity

Ensures efficient pressure release and improves overall system safety

FRONT VIEW



青岛亿克斯阀门有限公司 | QINGDAOEXSAFEVALVECO.,Ltd

Stable by Fluid Dynamics, not by Magnets!

Engineered stability without magnetic control.

BEYOND SAFETY

Beyond Safety

Solving oscillation, hammering, leakage and high lifecycle cost in traditional gravity and magnetic P/V valves.



SUS316L / SUS304

High Velocity P/V Valve



FCD / WCB

High Velocity P/V Valve

Non-Oscillation

Wide-body force balance for stable opening.

Zero Leakage

Metal-to-metal seal,
ISO 15364:2021 reference.

No Magnets

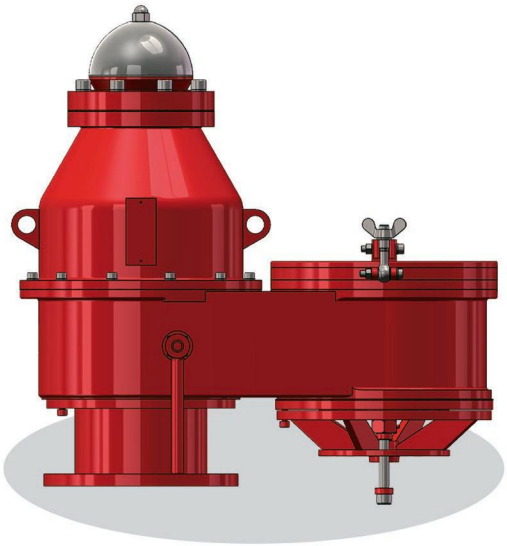
No periodic magnet replacement required.

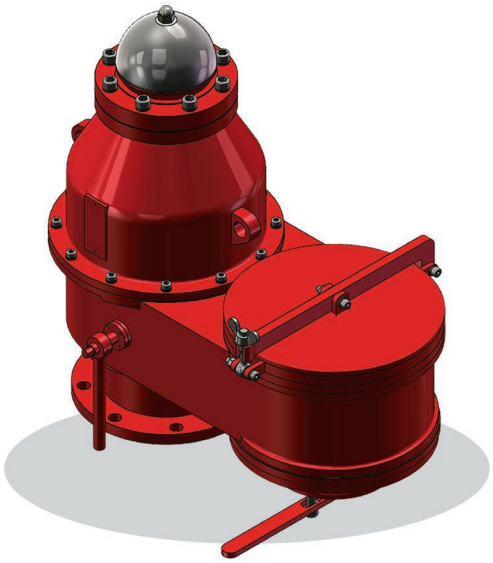
Longer Pipe Length

Better backpressure capability
for complex vent lines.

Qingdao Exsafe Valve Co., Ltd. | www.exsafevalve.com

High Velocity Vent Valve / P/V Valve





Key Features of Our P/V Valve:

1.Non-oscillation 2.Non-hammering 3.No VOCs leakage

4.High flow capacity 5.Efflux velocity over 80m/s

6.Adjustable setting pressure 7.Longer maximum vent pipe length

8.Easier to maintain by onboard crew 9.No need to replace magnets regularly

10.No need for internal maintenance

Core Technical Advantages of Our P/V Valve:

1. Better wear resistance and a more durable service life based on our patented hard beveled seal—thus, our P/V valve significantly enhances sealing performance, minimizes VOCs losses, and improves economic efficiency.
2. Based on our patented anti-damping design and advanced integral casting technology, the damping oscillation and hammering phenomenon of P/V valves have been structurally and fundamentally resolved.
3. Compliance with all the latest regulations for P/V Valves ensures efficient operation even at low flow rates:

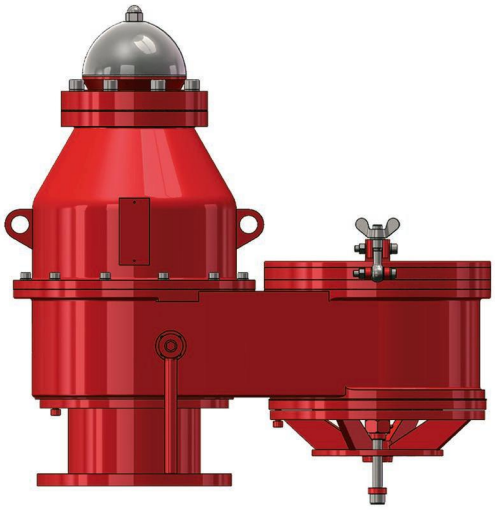
   a.ISO15364: 2021 b.ISO80079-49: 2024

Services of Our P/V Valve:

1. Three years warranty 2. Lifetime service 3. Independent test laboratory
4. Four complimentary maintenance services within three years of purchase

High Standard Repair & Maintenance Service for P/V Valve of All Makers

- Seal Surface Repair
- Replacement of Wearing Parts
- Customization of Key Parts
- External Anti-Corrosion Coating
- Leakage Rate Test
- Hydraulic Test
- Flow & Velocity Test
- Opening/Closing Pressure Test
- Flashback Test
- Endurance Burning Test
- Deflagration Test
- Professional Laboratory Report





「For Exsafe P/V valves in sizes DN50-DN150, each valve saves at least 124 m^3 of VOCs per year」

「For Exsafe P/V valves in sizes DN200-DN300, each valve saves at least 1240 m^3 of VOCs per year」

青岛亿克斯阀门有限公司
QINGDAO EXSAFE VALVE CO.,LTD.





ALUMINUM ALLOY TYPE



FLOAT BOX TYPE



STAINLESS STEEL FLOAT TYPE



TYPE A HAT TYPE



FS BALL TYPE



53-ON FLOAT TYPE



53-NS FLOAT TYPE



FLOAT/BALL TYPE



B TYPE



GOOSE NECK TYPE

INFO@EXSAFEVALVE.COM | WWW.EXSAFEVALVE.COM | +86-18964567890

青岛亿克斯阀门有限公司
QINGDAO EXSAFE VALVE CO.,LTD.

AIR VENT HEAD



Lightweight Performance,Strong Protection

This type is well-shaped design and reliable in anti-splash, it can be fitted on air pipe of oil tank, seawater tank and freshwater tank as well as for ballast and cargo tank etc.

ADVANTAGES

- Light weight
- No corroding
- No maintenance
- Small flange connection

OPTIONS

- Insect screen
- Flame arrester
- Special size flange & special size gasket
- Screw for special connection

EXPLODED VIEW



VALVE BODY MATERIAL

ALMg3



Carbon fiber



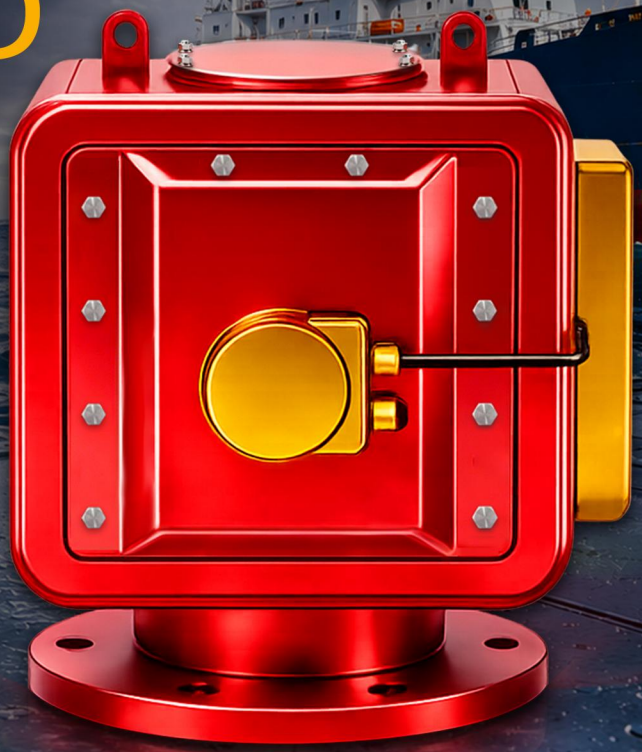
SECTIONAL VIEW



INFO@EXSAFEVALVE.COM | WWW.EXSAFEVALVE.COM | +86-18964567890

ELECTRIC HEATED AIR VENT HEAD

EXSAFE VALVE



EFFICIENT HEATING
Maintains stable temperature in cold conditions

CORROSION-RESISTANT
Corrosion-resistant materials for long service life

EASY INSTALLATION
Compact design,convenient for various installations

TECHNICAL SPECIFICATIONS

● Installation Position Vertical mounting,outlet facing away from wave splash zone	● Wiring Method: Single-side rotary terminal	● Explosion-proof Cable: Marine rubber-sheathed cable
● Heating Element: Insulated Resistance Type (Operating Temp. -60° C~65° C)	● Temperature Control / Junction Box: Explosion-proof rating Exeb II CT6Gb, Protection rating IP66	● Insulation Material: Silicone-aluminum insulation, thickness: 20mm

WIDELY USED IN MARINE APPLICATIONS



MARINE VALVES



PIPING SYSTEMS



DECK EQUIPMENT

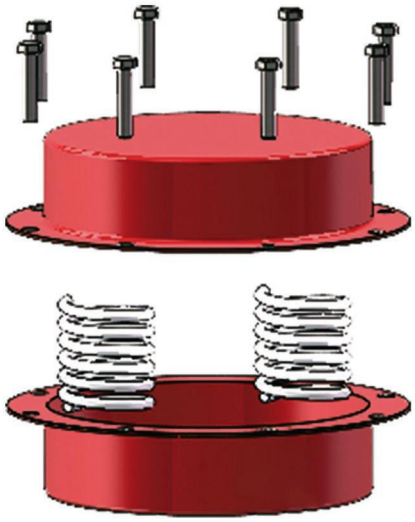




INFO@EXSAFEVALVE.COM | WWW.EXSAFEVALVE.COM | +86-18964567890

青岛亿克斯阀门有限公司
QINGDAO EXSAFE VALVE CO.,LTD.











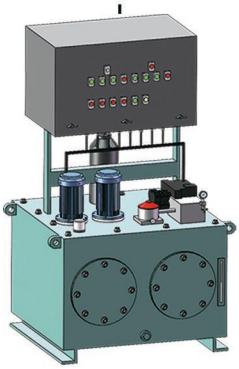


INFO@EXSAFEVALVE.COM | WWW.EXSAFEVALVE.COM | +86-18964567890

青岛亿克斯阀门有限公司
QINGDAO EXSAFE VALVE CO.,LTD.



Console



Hpu



Svb

Air Supply



Psvb





Electric Butterfly Valve







Hydraulic Butterfly Valve



Pneumatic Butterfly Valve













INFO@EXSAFEVALVE.COM | WWW.EXSAFEVALVE.COM | +86-18964567890

青岛亿克斯阀门有限公司
QINGDAO EXSAFE VALVE CO.,LTD.



GLOBE VALVE



STORM VALVE



CHECK VALVE





SAFETY VALVE/
PRESSURE REDUCING VALVE



GATE VALVE



EMERGENCY
SHUT-OFF VALVE



HOSE VALVE



DIAPHRAGM VALVE



DOUBLE ACTING
PNEUMATIC BALL VALVE



THREE PIECES BALL VALVE



SELF-CLOSING DRAIN VALVE

MORE VALVES

INFO@EXSAFEVALVE.COM | WWW.EXSAFEVALVE.COM | +86-18964567890

船用滤器及附件系列»»

»»» MARINE FILTER & FITTINGS



双联油滤器
DOUPLEX OIL FILTER



水滤器
WATER FILTER



单联油滤器
SIMPLEX OIL FILTER





泥箱
MUD BOX



国际通岸接头
CONTAMINATION SEA-CONNECTION JOINT



漏水口
CHECK MAKING WATER PORT



吸入口
SUCTION PORT



吸入滤网
SUCTION FILTER SCREEN



玫瑰箱
ROSE BOX



吸入止回阀
SUCTION CHECK VALVE



Y 型滤器
Y TYPE FILTER



甲板操纵杆
DECK STAND



膨胀节
STAINLESS STEEL WAVEFORM EXPANSION JOINT



小轴转动装置
ELEMENT OF TRANSMISSION GEAR FOR SMALL SHAFT



水气分离器
GAS-WATER SEPARATOR



橡胶补偿接管
RUBBER COMPENSATION TAKEOVER



气水分离器
WATER-GAS SEPARATOR



直通滤器
STRAIGHT TYPE FILTER



观测镜
WATER-GAS SEPARATOR



橡胶胀塞
RUBBER EXPANSION PLUG



测深注入头
SOUNDING INJECTION PORT

青岛亿克斯阀门有限公司

—— Qingdao Exsafe Valve Co.,Ltd. ——

INFO@EXSAFEVALVE.COM | WWW.EXSAFEVALVE.COM | +86-18964567890

Qingdao Exsafe Valve Co., Ltd.
High Velocity P/V Valve | Global After-Sales Support

GLOBAL AFTER-SALES SERVICE NETWORK

24-hour response, online diagnosis and onsite service coordination for reliable vessel operation.



24-HOUR
Response Commitment

ONLINE + ONSITE
Combined Service Model

GLOBAL AGENTS
Regional Support Network

Current Authorized Agent Coverage

Local partners across key maritime and offshore markets.



More regional service agents and partners are welcome.

Service Promise

Fast Response
24-hour response and resolution support.

Remote Diagnosis
Online technical support for quick troubleshooting.

Onsite Service
Field service coordination through regional partners.

Lifecycle Support
Maintenance guidance, spare parts and training support.

AFTER-SALES CONTACT

+86-18964567890 **Aftersales@exsafevalve.com**

Qingdao Exsafe Valve Co., Ltd. | www.exsafevalve.com | BEYOND SAFETY



超越安全/Beyond Safety

WWW.EXSAFEVALVE.COM

青岛 | 南通 | 新加坡 | 马来西亚 | 印度尼西亚 | 越南 | 韩国 | 迪拜 | 土耳其 | 希腊 | 阿塞拜疆

QINGDAO | NANTONG | SINGAPORE | MALAYSIA | INDONESIA | VIETNAM | KOREA | DUBAI | TURKEY | GREECE | AZERBAIJAN