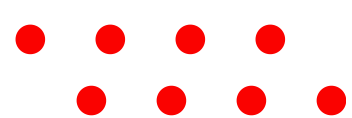


IVTECH PRODUCT CATALOG

Valve Guards | Auto Guard

IVTECH®
KEEPING QUALITY IN FLUIDS



Our Brand Story



The name IVTech, short for Innovative Vision Technology, reflects a bold breakthrough:

A brand built on the belief that safety equipment should solve problems holistically and provide ROI for clients through operational efficiency.

💡 IVTech: Innovation Born from Urgency, Built for Peace of Mind

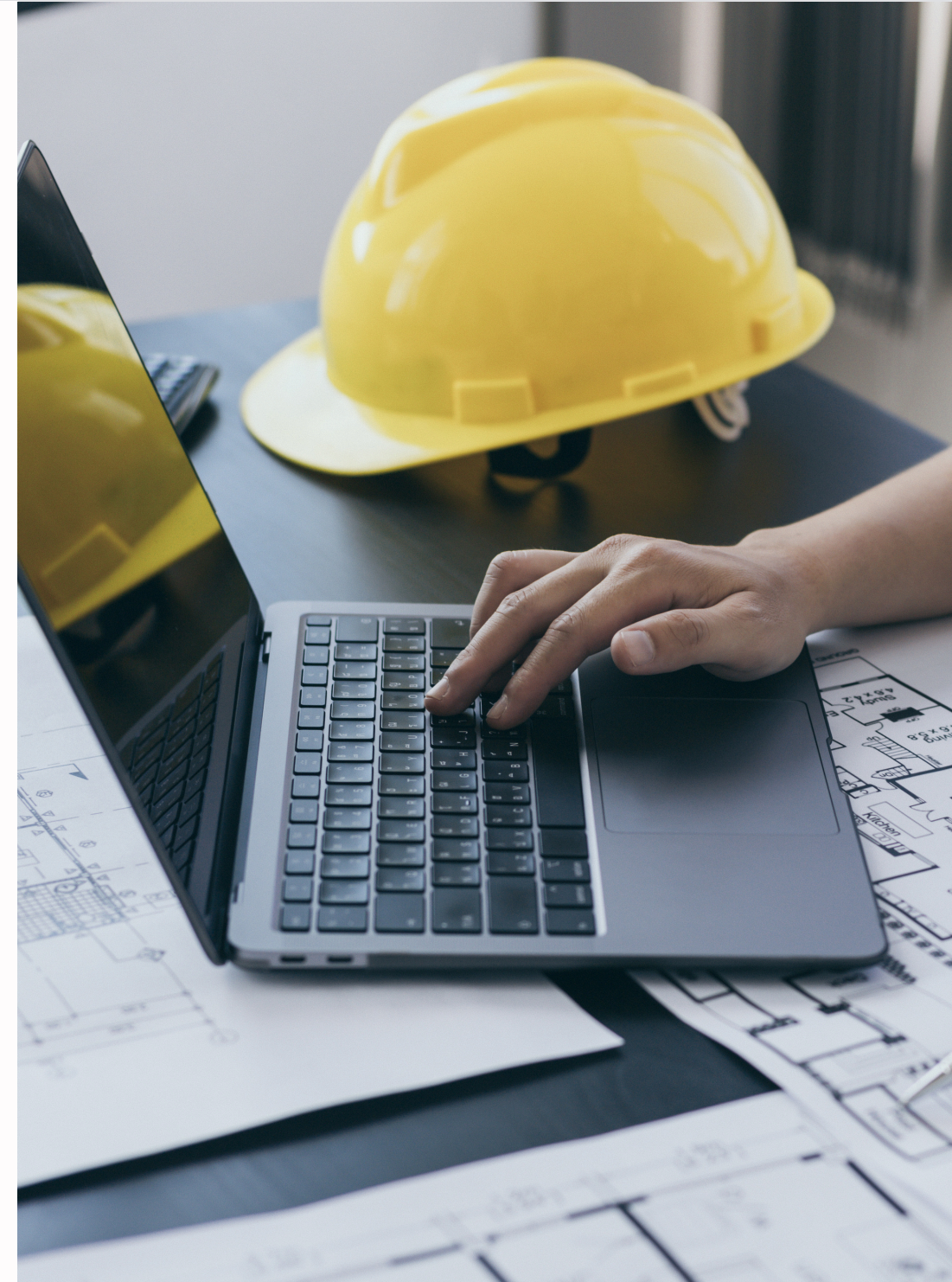
🔍 The Spark: A Routine Visit That Changed Everything
It all began with what should have been just another routine site visit.

One of our most seasoned technological experts returned to the office, unusually silent — his eyes focused, his hand absentmindedly stroking his chin. Something was bothering him.

He had just met with one of our most valued clients, and the atmosphere had been thick with tension. The client's operations team was under enormous pressure. Once again, their production had ground to a halt — this time due to an accidental closure of a live bulk gas valve, despite the presence of a valve lock.

“This cannot keep happening,” the client said.
“We need a permanent solution — something fool-proof, holistic, and robust.”

The frustration was palpable. This wasn't just about valves — it was about trust, uptime, and reputation. And our expert felt it deeply. As a company committed to world-class engineering, we knew this was our moment to rise.



Our Brand Story



🔧 From Field Problem to IVTech Breakthrough
Understanding the urgency and scale of the issue, Kelington Engineering's leadership stepped up. Instead of pushing back, they leaned in — pooling together resources, expertise, and time for R&D.

The result?

The birth of IVTech and our flagship innovation — the Valve Guard.

🌍 More Than a Product, A Safety Mindset
What started as a single innovation grew into something bigger. IVTech became a brand dedicated to engineering safety solutions rooted in actual site experiences.

From the Valve Guard to our expanding line of safety footwear and protective accessories, we're driven by one mission:

To design products that solves your problems holistically and maximises ROI through operational efficiency.

Design Trademark



REPUBLIC OF SINGAPORE
REGISTERED DESIGNS ACT (CHAPTER 266)
CERTIFICATE ISSUED UNDER SECTION 18

DESIGN NUMBER : 30202500055U
DATE OF REGISTRATION : 16 January 2025
TO : Kelington Engineering (S) Pte Ltd

I HEREBY CERTIFY that under the provisions of the Registered Designs Act, your name has been entered in the Register as proprietor of the above Design Number as from 16 January 2025 in Class and Subclass 23-01 in respect of the following:

Valve Cover

DATE OF ISSUE OF CERTIFICATE : 31 January 2025



Rena Lee
Mrs. Rena Lee
Registrar of Designs
Singapore

Registration is for a period of 5 years and may be renewed at the expiration of this period and upon the expiration of each succeeding period of 5 years.

STATEMENT OF NOVELTY : Novelty resides in the Shape and Configuration as shown in the Representation(s).

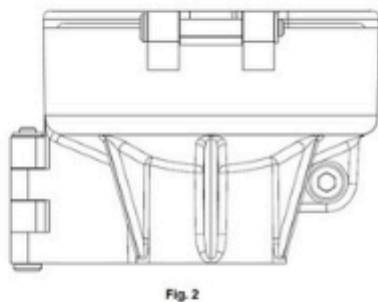
DISCLAIMER : -

NO. IMAGE(S)

1 Perspective view

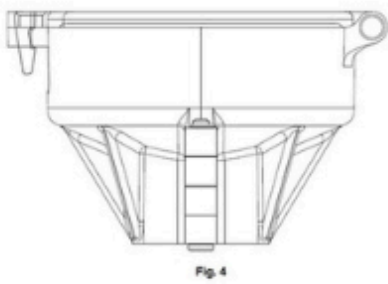


2 Front view

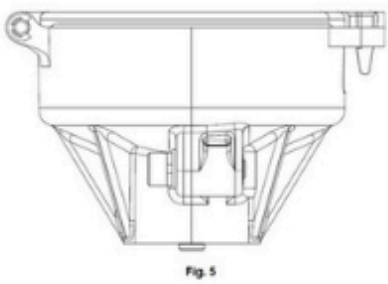


3 Back view

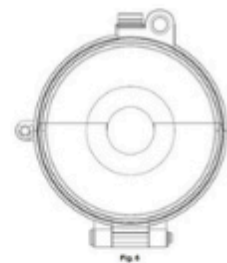
4 Left view



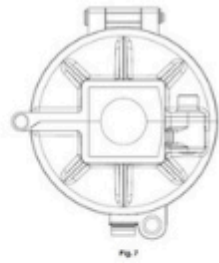
5 Right view



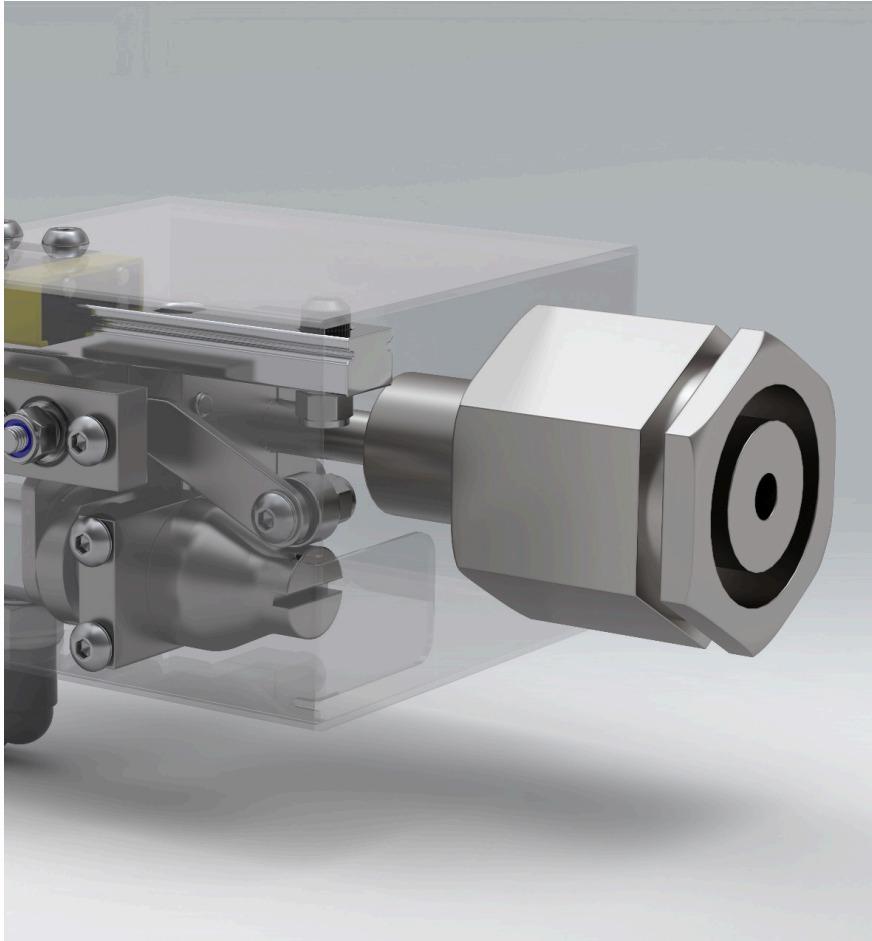
6 Top view



7 Bottom view



Product Categories



Auto Guard

Variations: 3

**Can be custom-made according to client preferences*



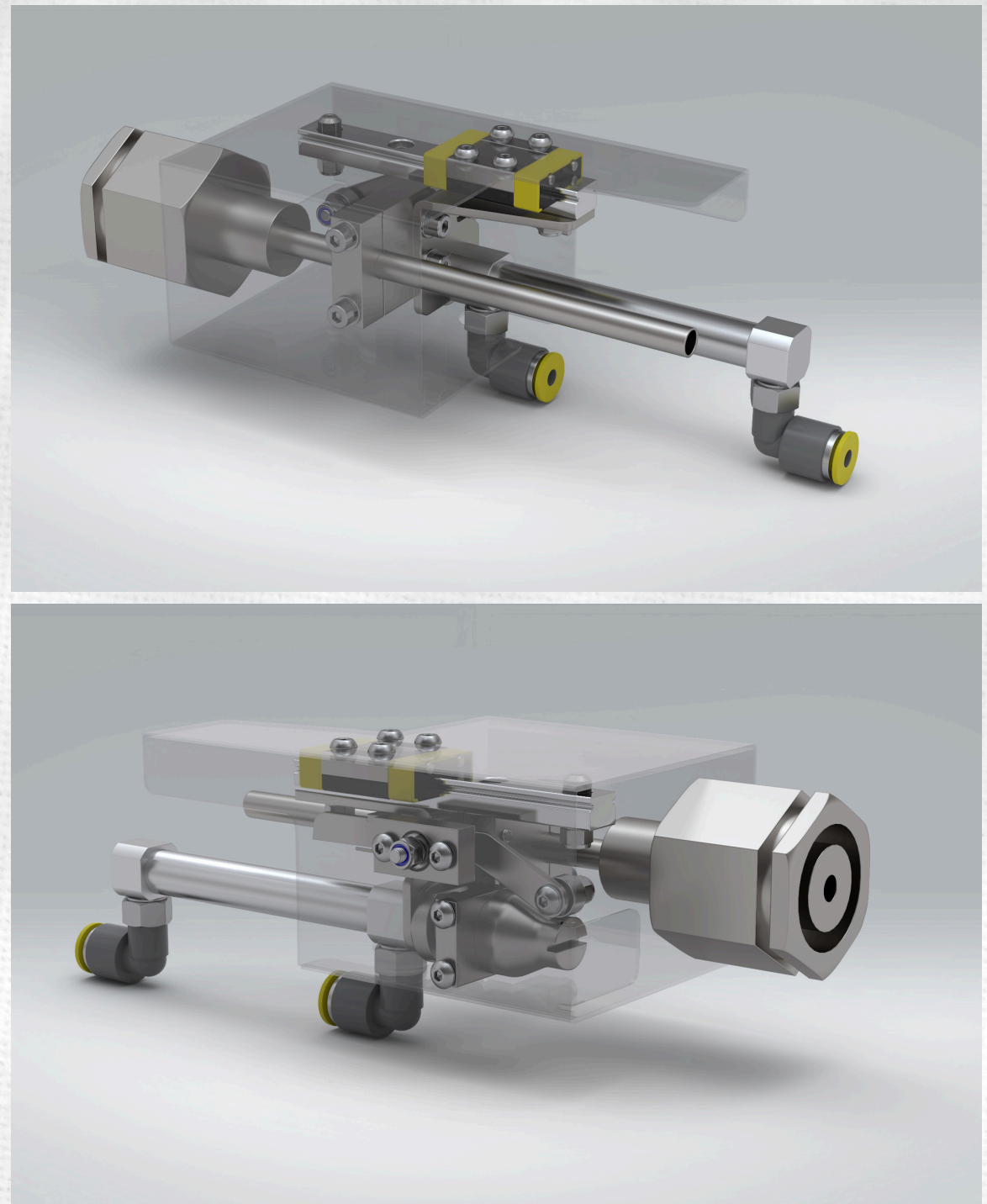
Valve Guard

Variations: 6

**Can be custom-made according to client preferences*

Auto Guard

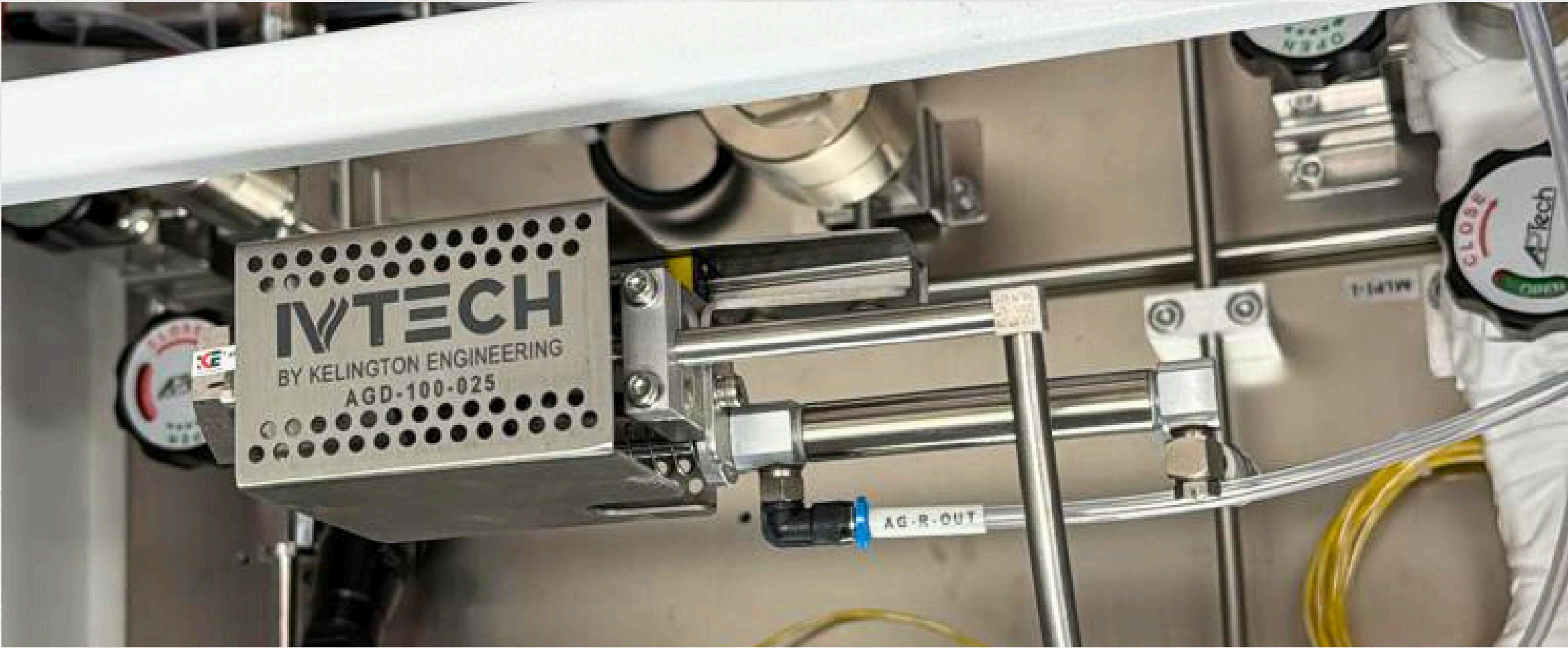
A protection device that is specifically designed to protect cylinder bullnose assemblies from unauthorized access and operation.

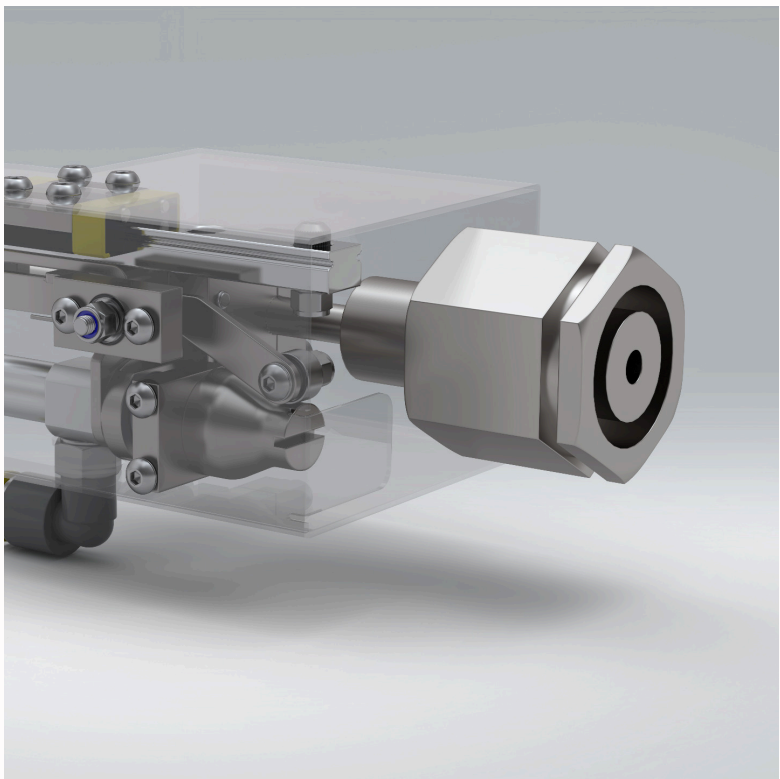


- **No Risk of Trapped Live Gas:** Integrated venting channels ensure any live gas escapes safely from the unit.
- **Anti-Tamper Design:** Built with high-strength materials to resist compression and manual interference.
- **Easy Maintenance:** Modular construction allows quick part replacement without removing the entire unit.
- **Universal Fit:** Suitable for a wide range of cylinder configurations and operational requirements.
- **Dual-Action Capability:** Works with both single-acting (spring return) and double-acting (pneumatic/hydraulic) cylinders, enabling facility-wide deployment.

F
E
A
T
U
R
E
S

Real-Life Applications





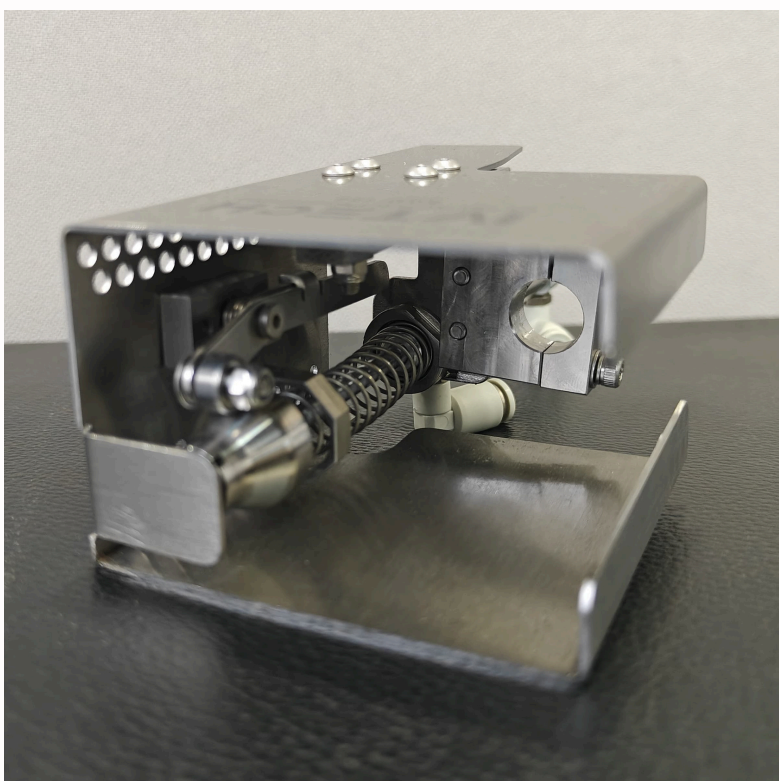
Auto Guard 1/4"

SKU: AGD-100-025
Dimensions: 174.8mm (L) x 74.2mm (W) x 62.7mm (H)



Auto Guard 3/8"

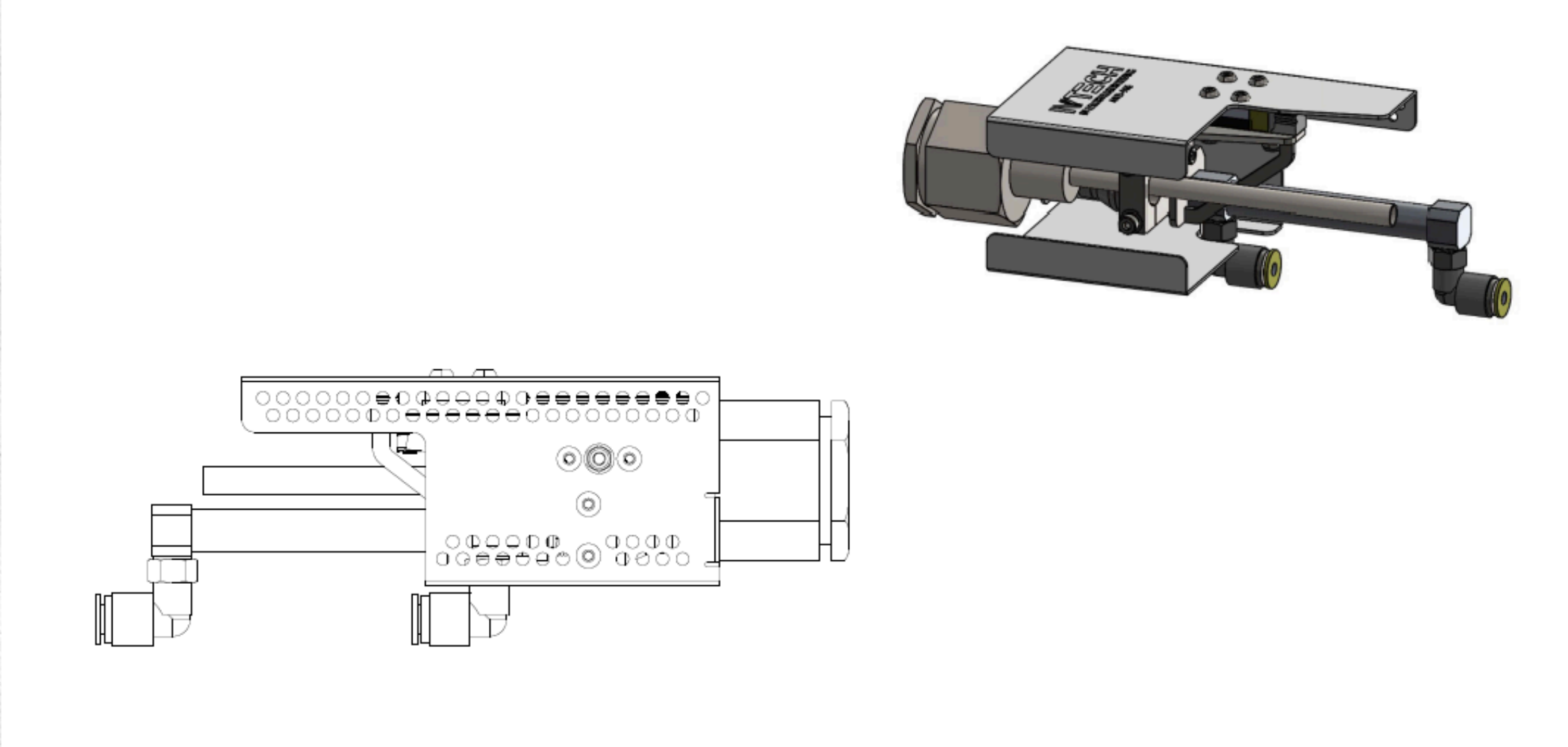
SKU: AGD-100-0375
Dimensions: 174.8mm (L) x 74.2mm (W) x 62.7mm (H)



Auto Guard 1/2"

SKU: AGD-100-050
Dimensions: 174.8mm (L) x 74.2mm (W) x 62.7mm (H)

Design Drawing



Valve Guard

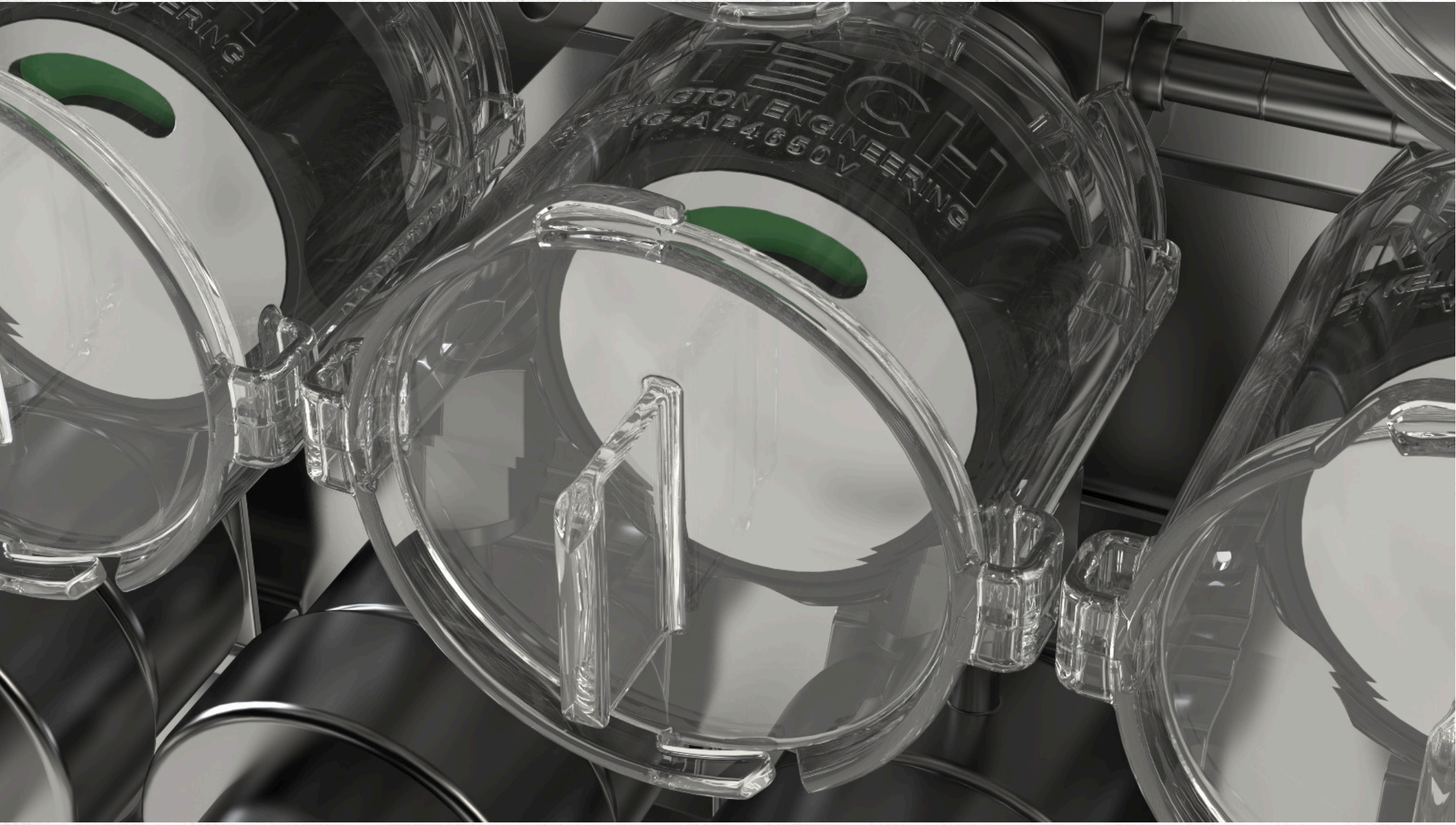
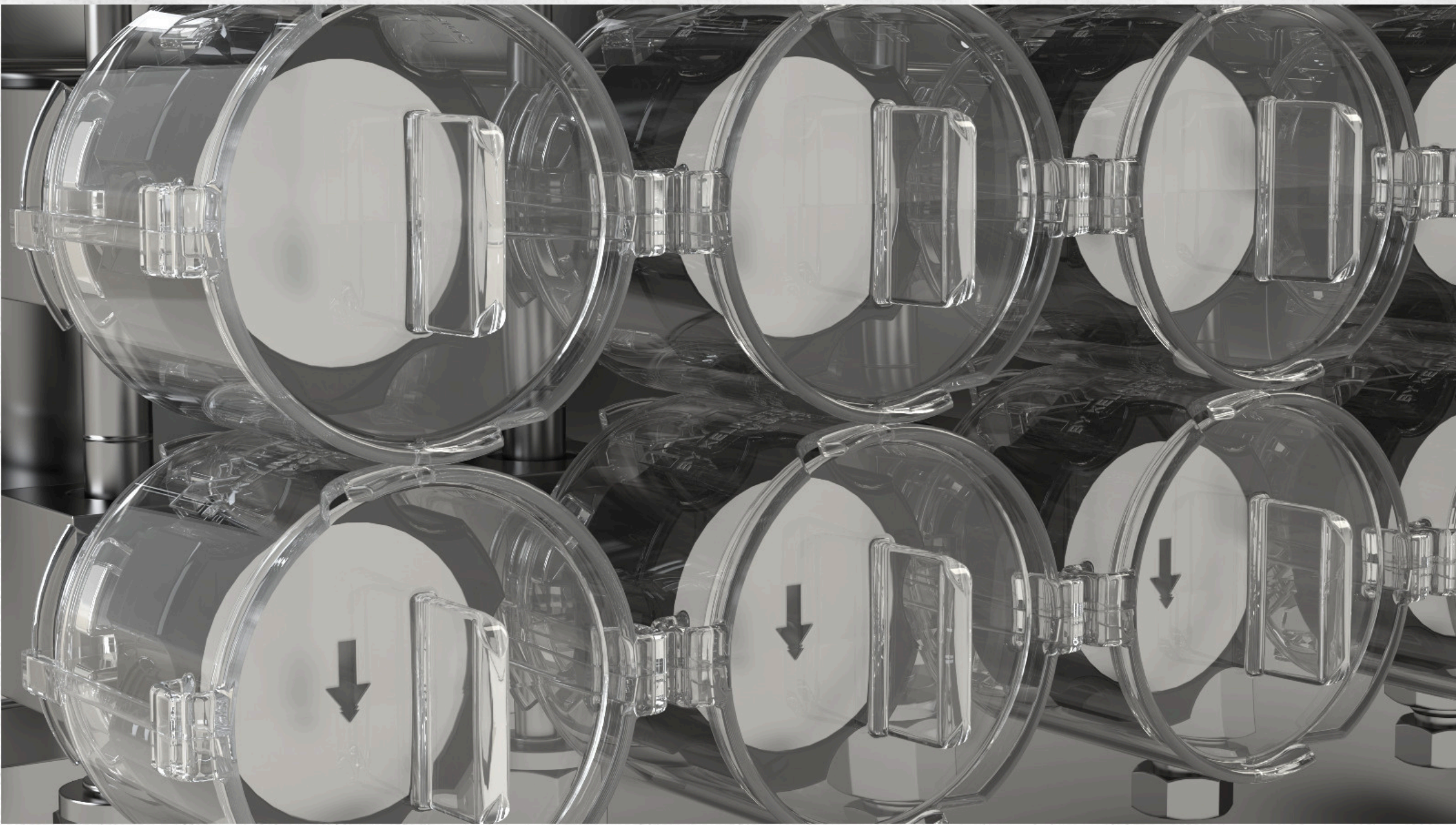
A valve guard is a protective device that is installed around a valve body. It typically consists of an enclosure or cage that surrounds the valve and its manual actuator (the mechanism that opens and closes the valve) to provide an additional layer of protection.



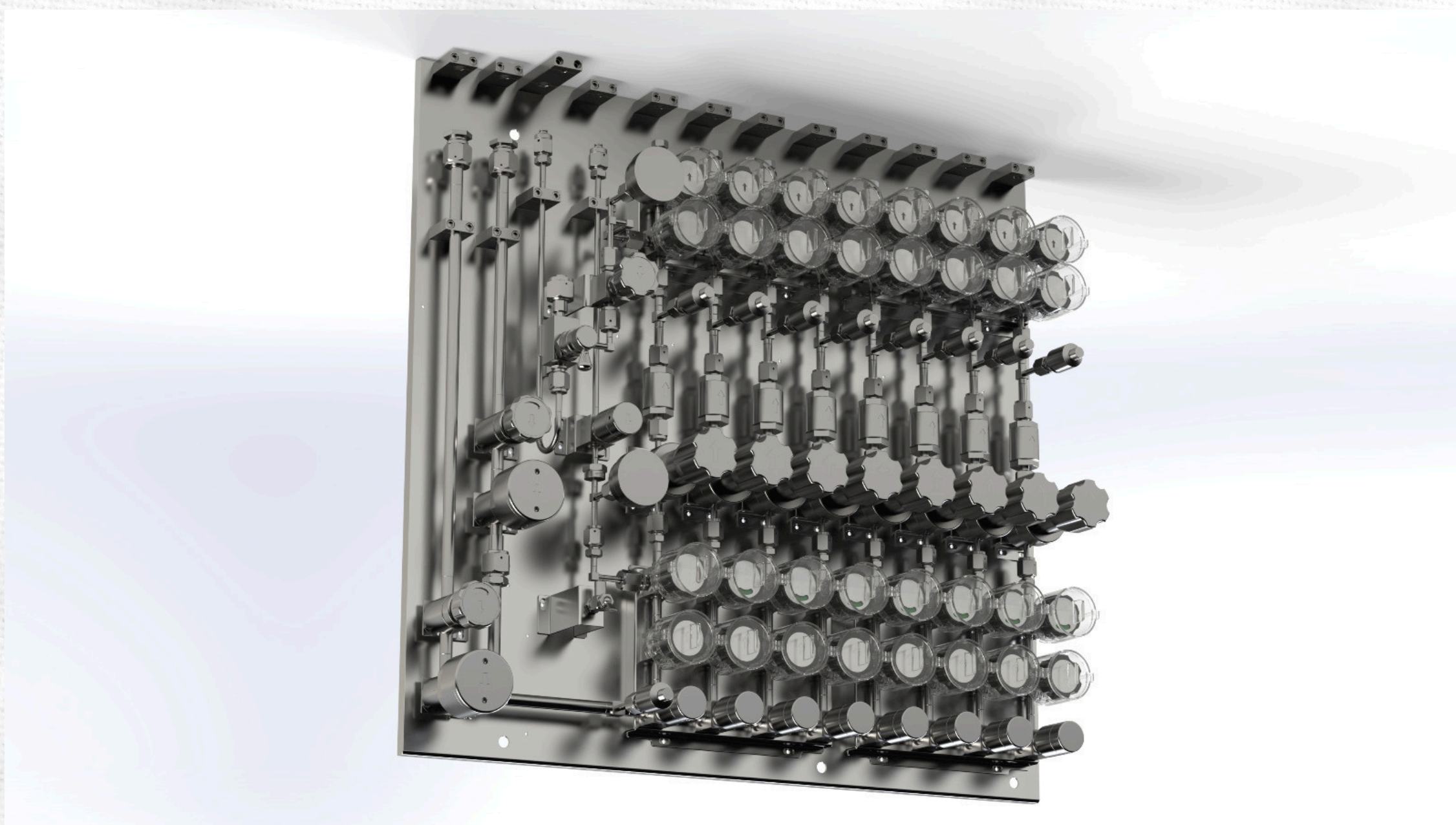
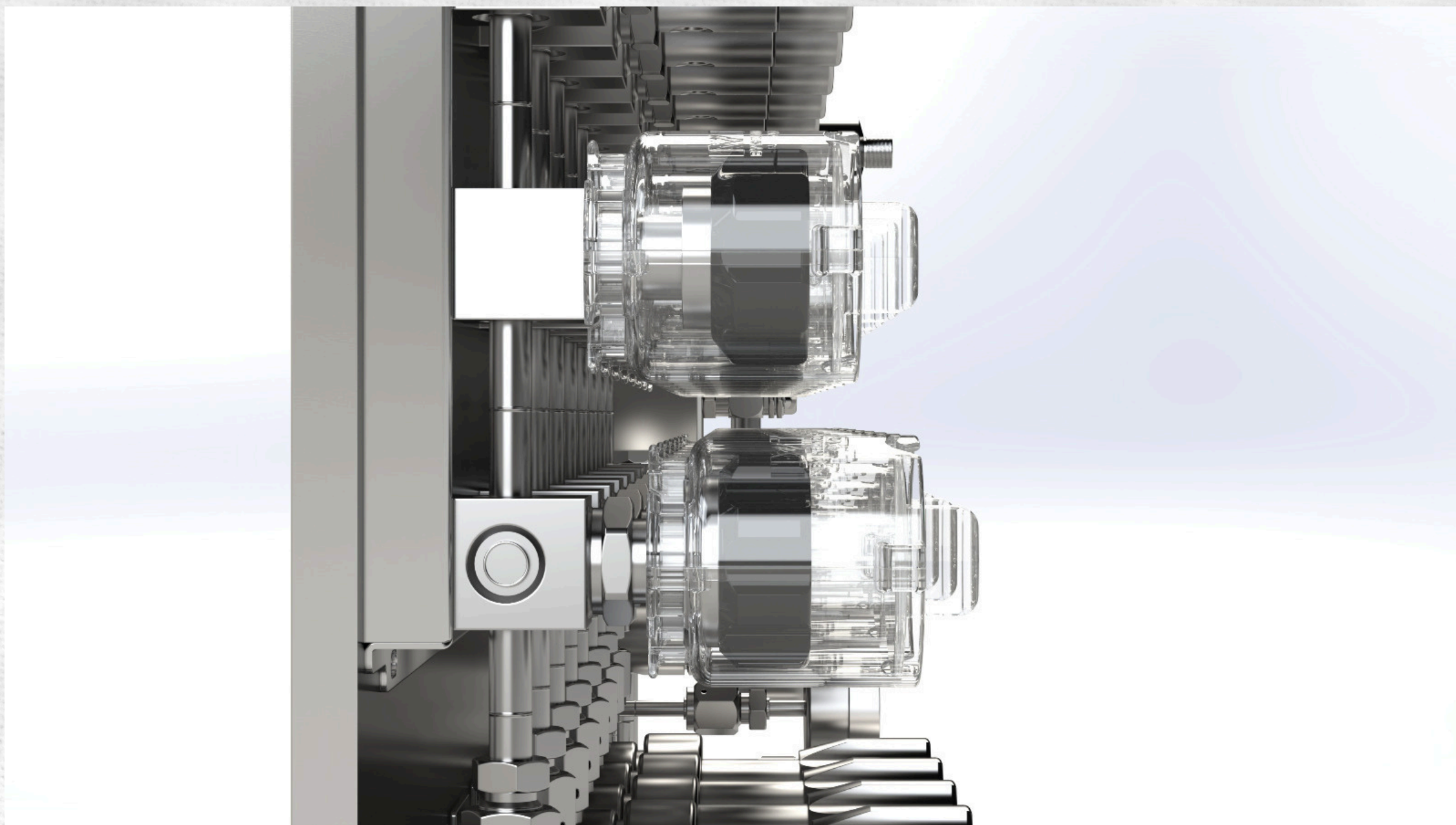
FEATURES

- **High Load Capacity:** Withstands up to 800 Nm of static load/force.
- **Clear Visibility:** Transparent valve lid provides an unobstructed view of the valve indicator.
- **Easy Access:** Design ensures no obstructions, allowing smooth valve operation.
- **User-Friendly Lid:** Lid opens and closes easily, yet locks securely when required.
- **Fog-Resistant:** Withstands high humidity without fogging, ensuring clear visibility for end users.
- **Simple Installation:** Can be mounted using just 1 bolt.
- **Customisable Designs:** Tailored to your industry or business requirements, beyond existing designs.

Real-Life Applications



Real-Life Applications





Valve Guard VG-RX04V

SKU: SKU: VG-RX04V
Dimensions: 63.7mm (L) x 64.4mm (H)



Valve Guard Valex 3800

SKU: VG-V3800
Dimensions: 110.5mm (L) x 72.1mm (H)



Valve Guard Parker 955

SKU: VG-P955
Dimensions: 92.5mm (L) x 53.8mm (H)





Valve Guard AP3810

SKU: SKU: VG-RX04V
Dimensions: 105.6mm (DW) x 69.8mm (H)



Valve Guard HFC1000

SKU: VG-HF1000
Dimensions: 117.3mm (L) X 80.2mm (H)

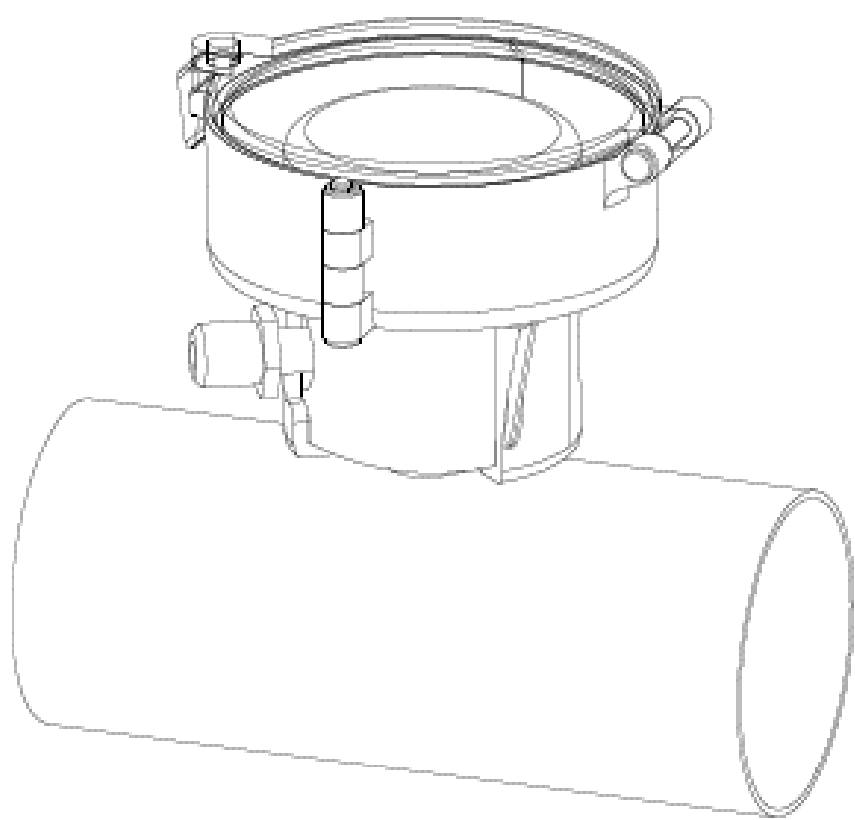


Valve Guard SPDST/SPDS500

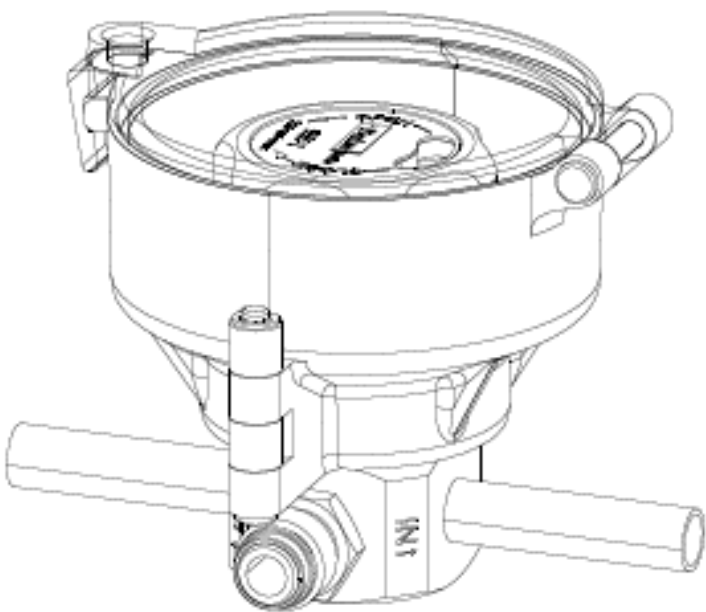
SKU: VG-CS500
Dimensions: 102.8mm (L) x 112.8mm (W) x 52.4mm (H)

Design Drawing

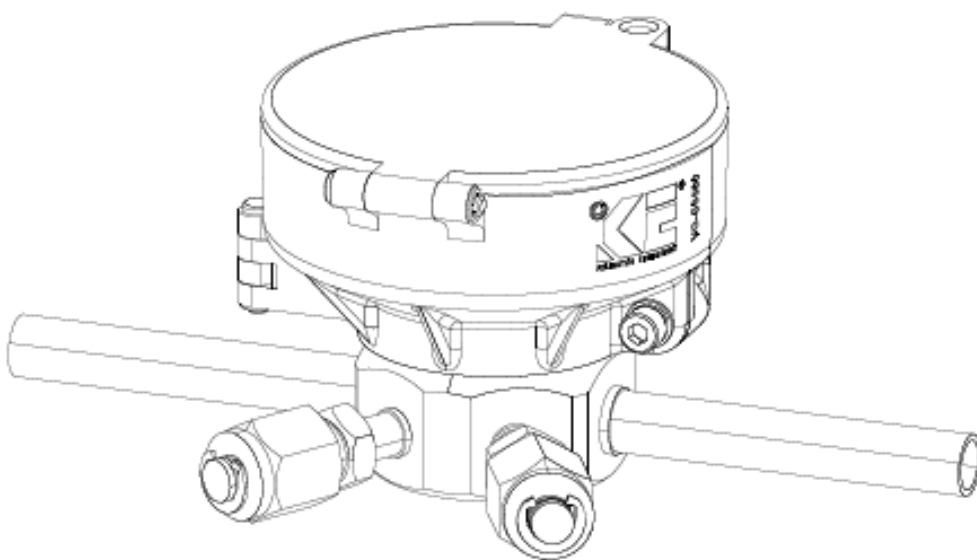
Valve Guard
Valex 3800



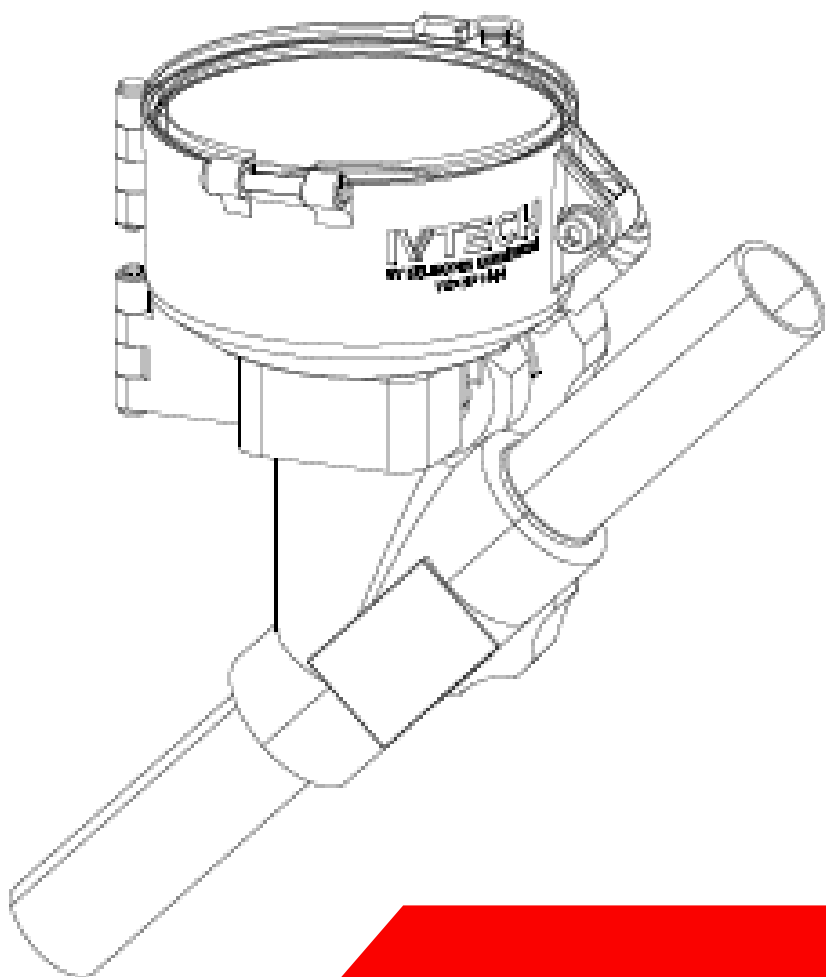
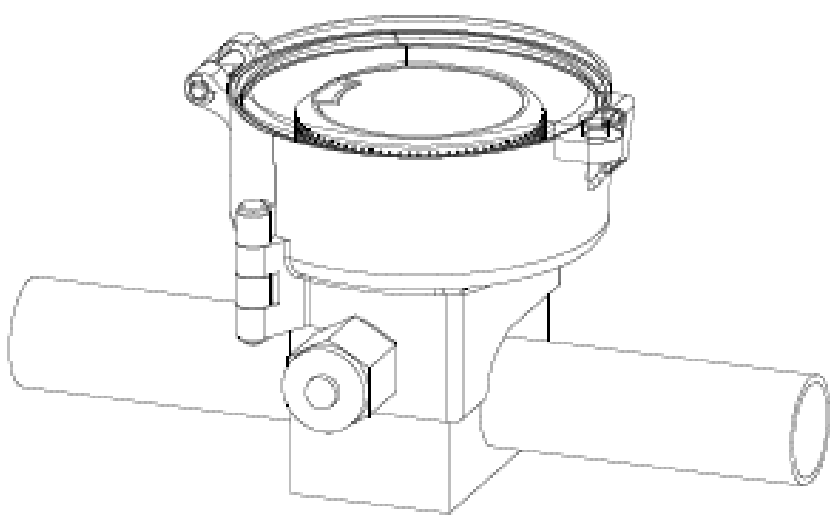
Valve Guard
Parker 955



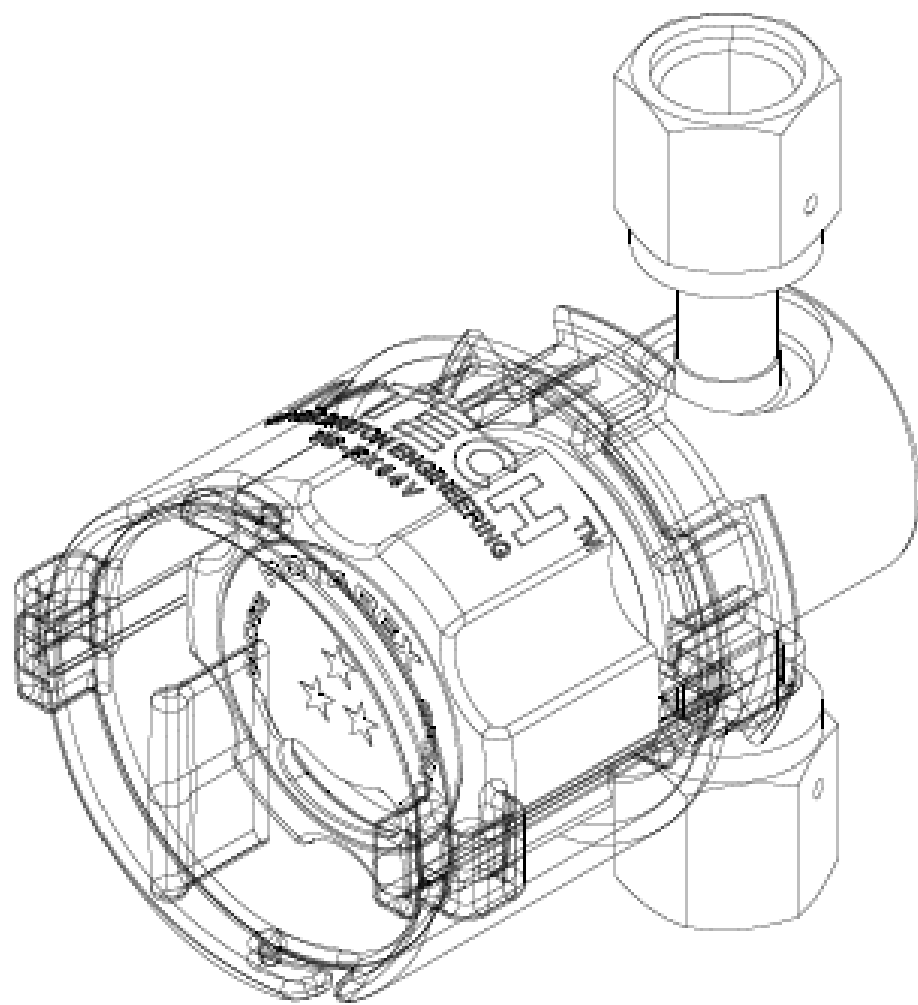
Valve Guard
SPDST/SPDS500



Valve Guard AP3810



Valve Guard HF1000



Valve Guard RX04V

LET'S WORK TOGETHER

IVTech, being one of the technological brands of Kelington Group, is committed to going the extra mile to deliver high-quality solutions and exceptional value to our clients.

We offer fully customizable products tailored to meet your company's unique needs and operational requirements.

Feel free to reach out to us via phone or email, and we'll be glad to arrange a consultation for a more efficient and direct discussion.



6634 1683



sales@kelington-group.com



www.ivtechsafety.com



6 Woodlands Square Tower 2,
#08-01, Singapore 737737

