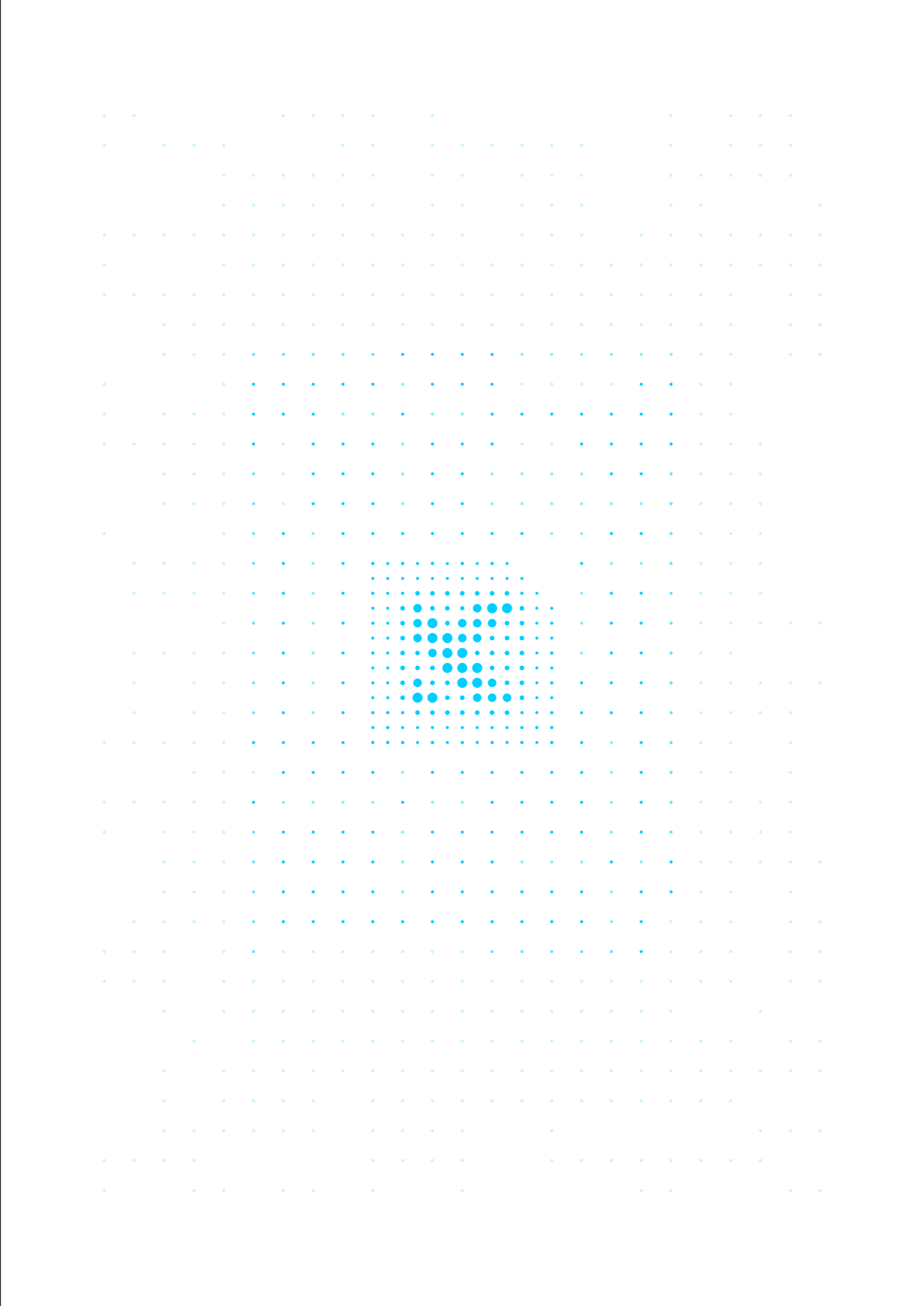




KLEANLABS

CLEANROOM DOORS

Cleanroom compliant, system independent doors designed to meet all your needs.





ABOUT KLEANLABS

Thanks to our efficient progression in 2015 KleanLabs established a new manufacturing plant of 1700 m2, where we have the capacity to produce five thousand items a year.

Our products were perfected by the experience of developing close to one hundred cleanroom implementations in the past decade. We used our experience to create a product range that withstands extreme mechanical stress, yet is pleasing to the eye. KleanLabs systems fulfill all cleanroom requirements and they are user friendly, as they are easy to install and maintain.

What makes however these products truly unique is the outstandingly competitive prices we are able to maintain. We offer world leading quality much under the prices you might be familiar with. We believe cost-efficiency should never result in opting for low quality.



ABOUT KLEANLABS



Continuous development

We work with hundreds of customers who constantly evaluate our products. Our engineers use this feedback and work with it to keep enhancing our products. We believe in conscious engineering. KleanLabs items have no weak parts, as we are constantly improving every single compartment as well as the whole design.



ISO9001 certified manufacturing system

Our manufacturing system is certified by the International Organisation for Standardisation's 9001 standard that was created to support companies in delivering higher quality, safer, and more sustainable products and services. KleanLabs is not only compliant with this standard, but is certified.



Made in the European Union

We are proud to solely rely on the best quality components when creating our products. For this, we only work with partners in the European Union that has one of the most reliable and most strictly regulated markets in the world. For the best possible outcome, our products are also assembled in the European Union.



CE marked

Our products are CE conforming, that ensures our declaration that they meet the high-standard requirements of the European community's product directives. It not only provides a legal base for KleanLabs to be put on the market, but also sets strict and essential requirements in quality, health, safety and environmental protection.



EN ISO 14644 compliance

Our cleanroom doors are compliant with the European Standard EN ISO 14644 standards. This means if you use our doors, they will maintain the required air cleanliness in your cleanroom environment. Our doors also do not interfere with the conditions in which that level of cleanliness has to be controlled and maintained.



EMI Building Institute certification

EMI is a Hungarian institution that is the member of EOTA, UEAtc, WFTAO and ECIICE international institutes. We are proud for our doors to meet prEN 14351-2:2009, ISO/TC 162, CEN/TC 33 standards, that has been tested and approved by the EMI Institute.



GMP compliance

The strict GMP guidelines of the European Union require cleanrooms to meet certain particle numbers both during operation and the manufacturing process. KleanLabs doors will not hold you back from meeting these GMP qualifying standards, even from GRADE 1 level.



PRODUCTS



HINGED DOORS

PCH-1

This KleanLabs door is the perfect addition to any cleanroom, as it is system independent and easy to mount. It is high-quality and yet is pleasing to the eye. We recommend the PCH-1 model specifically to be used in laboratory and cleanroom environments.

STANDARD CLEAR OPENING SIZE

900x2000 mm

CUSTOM SIZES AVAILABLE

For the sake of compatibility and satisfying unique needs, we offer custom sizes. Requested door sizes need to fall into the minimum width dimension of 600 mm to a maximum 2400 mm and a minimum height dimension of 1800 mm to a maximum of 2500 mm.

SUITABLE TEMPERATURE RANGES

+ 15 / + 35 C

OPERATIONAL PRESSURE DIFFERENCE

+/- 30 Pa

DOOR PANEL

Single wing hinged doors, with or without glazing

DOOR PANEL THICKNESS

60mm

INSULATION

Solid door panel PIR foam filling (mineral wool optional)

DOOR PANEL SURFACE

Powder-coated aluminium, RAL 9002.

HANDLES

Stainless steel

HINGE TYPE

Aluminium hinge system, adjustable in three directions

THRESHOLD

Sinking threshold hidden in the doorblade





HINGED DOORS

PCH-2

This KleanLabs door is the perfect addition to any cleanroom, as it is system independent and easy to mount. It is high-quality and yet is pleasing to the eye. We recommend the PCH-2 model specifically to be used in laboratory and cleanroom environments where a wider accessibility is needed.

STANDARD CLEAR OPENING SIZE

1500x2000 mm

CUSTOM SIZES AVAILABLE

For the sake of compatibility and satisfying unique needs, we offer custom sizes. Requested door sizes need to fall into the minimum width dimension of 600 mm to a maximum 2400 mm and a minimum height dimension of 1800 mm to a maximum of 2500 mm.

SUITABLE TEMPERATURE RANGES

+ 15 / + 35 C

OPERATIONAL PRESSURE DIFFERENCE

+/- 30 Pa

DOOR PANEL

Double wing hinged doors, with or without glazing

DOOR PANEL THICKNESS

60mm

INSULATION

Solid door panel PIR foam filling (mineral wool optional)

DOOR PANEL SURFACE

Powder-coated aluminium, RAL 9002.

HANDLES

Stainless steel

HINGE TYPE

Aluminium hinge system, adjustable in three directions

THRESHOLD

Sinking threshold hidden in the doorblade





SLIDING DOORS

PCS-1

This KleanLabs door is based on an easy-to-open sliding door system, that is compliant with cleanroom standards, and is system independent. We recommend this high-quality door to be used in cleanroom environment with larger openings enabling trucks and trolleys to pass.

STANDARD CLEAR OPENING SIZE

1300x2000 mm

CUSTOM SIZES AVAILABLE

For the sake of compatibility and satisfying unique needs, we offer custom sizes. Requested door sizes need to fall into the minimum width dimension of 600 mm to a maximum 2400 mm and a minimum height dimension of 1800 mm to a maximum of 2500 mm.

SUITABLE TEMPERATURE RANGES

+ 15 / + 35 C

OPERATIONAL PRESSURE DIFFERENCE

+/- 30 Pa

DOOR PANEL

Single wing sliding doors, with or without glazing

DOOR PANEL THICKNESS

60mm

SLIDING RAIL TYPE

Heavy duty aluminium rail

INSULATION

Solid door panel PIR foam filling (mineral wool optional)

DOOR PANEL SURFACE

Powder-coated aluminium, RAL 9002.

SLIDING RAIL TYPE

Heavy duty aluminium rail

WHEELS

Ball bearing, reinforced, big diameter rollers

HANDLING

Manual or automatic system equipped with electronic motor





FEATURES



FEATURES

Completely flat surface

We designed our doors to have completely flat surfaces on both sides. This makes our doors exceptionally easy to clean and maintain. There are no edges for any dust to settle in, even the built in windows are smoothly embedded. Our doors are also completely flush with the clean room walls, if the walls are 60 mm thick.

Easy to integrate

Our doors are completely system independent. Many clean room builders will produce doors that are compatible only with their own design. KleanLabs doors however can be installed to any clean room. We designed the bezels so they fit any wall structure.

Thick door panels

In order to provide strong and reliable quality, KleanLabs doors are reinforced. With their 60 mm thickness, these clean room doors have outstandingly high resistance to bending. Their aluminium built will increase their durability and long-lasting functionality.

High level of airtightness

KleanLabs doors offer the most appropriate level of airtightness your cleanroom is ever in the need of. Measured at 200 Pa pressure, they offer a 3,5 m³ / hm² airtightness. Our doors are also equipped with a double gasket technology and have an integrated sink gasket.





FEATURES

Resistance to cleaning products

It is remarkably easy to maintain our doors. According to tests we have carried out, they are entirely resistant to any popular cleaning product. There is no chemical interaction between the material of KleanLabs door panels' and any sort of detergent.

Safety glazing

Security is of paramount importance to us, therefore every detail of our products is thought through with great care. We equip shatter proof, safety glazing in the windows of KleanLabs doors. This means, should the window break in, the glass will not scatter, but stay in place.

Antistatic surfaces

To keep your cleanrooms truly hygienic, all of the materials we are working with are antistatic. This means they are not attracting any occurring contamination. Furthermore, dirt or micro contaminants are also not going to show up on our products.

Premium hardware

Our philosophy is that great craftsmanship starts with high-quality materials. We exclusively work with the best, industry-leading suppliers. Therefore, every little element in our products, be them locks, hinges or door pullers, are made of the best quality metals.



OPTIONS



OPTIONS



Mechanical locking

Close and open your cleanrooms with keys. For maximum safety, and prioritized entrance, we offer custom and master keys as well.



Stainless steel door panel inserts

Our doors come with powdered aluminum door panel inserts by default. Upon special request however we are able to offer stainless steel inserts. Door frames are made of aluminium in every case.



Mineral wool fillings

Our door panels come with PIR foam fillings by default. For an enhanced insulation performance, we offer mineral wool fillings too.



Card opening

Our doors can be equipped with an integrated access control system to fit your corporate environment. Set a hierarchy to cards, and give different authorities to your employees.



Electronic lock system

For enhanced security, choose the electronic interlock pin for sluice system, with an emergency opening button and indicator lights. Automatic doors with interlocking control and blocking. Install master and slave doors for prioritized entrance.



Automatic door operation

Doors can open at the touch of a button, and then close automatically. The system detects passage and closes only when it is safe. It also upholds all safety requirement. The system is driven by a quiet, hidden motor.



Open without a handle

For an even easier and smoother entrance, our doors can open in case of movement, automatically, with a magic switch, or with hand movement recognition.



DELIVERY



SUPPORT



Worldwide delivery

In case you need your products delivered to your door, no distance or scale is a problem for us. Our professional and experienced partners in logistics offer perfectly reliable delivery options to any country in the world. Feel free to contact us about your custom requests.



2-4 weeks from payment to shipping

We are proud to offer a quick manufacturing process. After payment your product is ready to be shipped in 2-4 weeks. By default, we offer shipping under EXW terms, so our products are ready for pickup at our place of business. Further delivery options however are available upon customer request.



Careful packaging

Securing your product is important to us even after the manufacturing process and through shipping. We carefully pack all our products, so they make it to you without any damage. Protecting foil is applied before shipping for complete safety during delivery.



2-year warranty

KleanLabs is proud to stand by the quality of everything it creates. We don't abandon our customers once we delivered, but a one-year warranty is offered to all of our products by default. For extra security and prolonged care, extended warranty is available upon request.



Customer service

We are responsible in what we do; we care for our customers to a great deal. Furthermore, as the manufacturers of our products, we have the best and most efficient solution to any occurring problem. We offer a full-scale customer service, based on the comprehensive knowledge of our experts who designed these products.



Spare part inventory

The benefits of ordering right from the manufacturer is that we keep every component of our products on stock. Should there be any failure or attrition in your coldroom doors, spare parts can be ordered right away from KleanLabs, with fast delivery.



KLEANLABS

COMPANY NAME

Hűtőépítő Kft.

ADDRESS

HUNGARY

3200 Gyöngyös,
Kenyérgyár street 9.

VAT NUMBER

HU14739785

YOUR DISTRIBUTOR