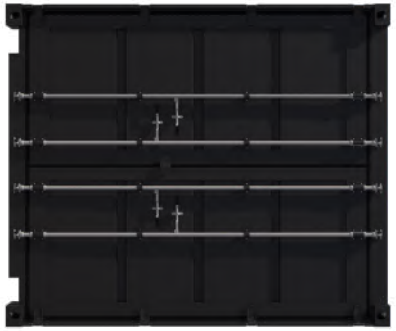
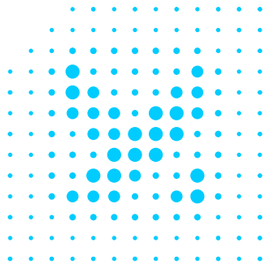


KLEANLABS

MOBILE CLEANROOM CONTAINERS

Quick and fully mobile solution to achieve cleanroom capacity.



ABOUTKLEANLABS

Working closely with hundreds of customers has allowed us to develop, perfect and expand our clean product range over the years. Besides our standard cleanroom door and pass box product line, we have recently launched several new products to the market such as cleanroom cabinets. Mobile cleanroom containers are the newest and by far the most substantial addition to the KleanLabs product family.

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 price level we are able to maintain thanks to scale and efficient technologies. We offer exceptional quality at affordable prices since we believe that cost-efficiency should never compromise quality.

ABOUTKLEANLABS

Continuous development

We strive to constantly improve our products. Our engineers use our customers' feedback to keep enhancing our products. KleanLabs products have no weak parts, as we are constantly improving every single component as well as the whole design holistically.

ISO 9001 certified manufacturing system

Our manufacturing system is certified by the International Organisation for ISO 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 also certified.

Made in the European Union

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

CE marked

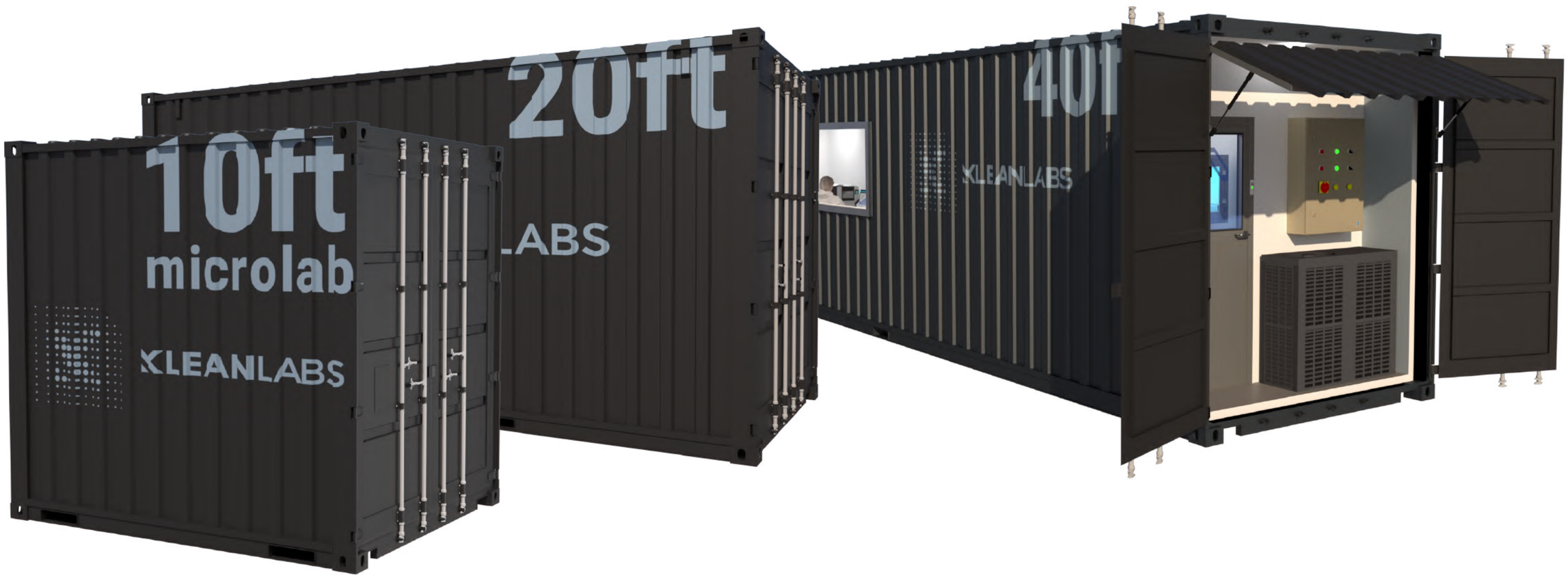
Our products are CE conforming, ensuring our declaration that they meet the high-standard requirements of the European community's product directives. It not only provides a legal base for KleanLabs to be put on the market, but also sets strict and essential requirements in terms of quality, health,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

EN ISO 14644 compliance

Our cleanroom products are compliant with the European Standard EN ISO 14644 standards. This means if you opt for a KleanLabs mobile cleanroom container, they are ensuring to maintain the required air cleanliness.

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 products will make sure you meet the desired GMP Grade B, C or D qualifying standard.



PRODUCTS

SIZES

These portable units are integrated into 10', 20' or 40' HC containers equipped with standard attachment points, enabling straightforward transport by sea or road. To operate the mobile cleanroom container, only a suitable power supply is required.

WHAT ARE MOBILE CLEANROOM CONTAINERS?

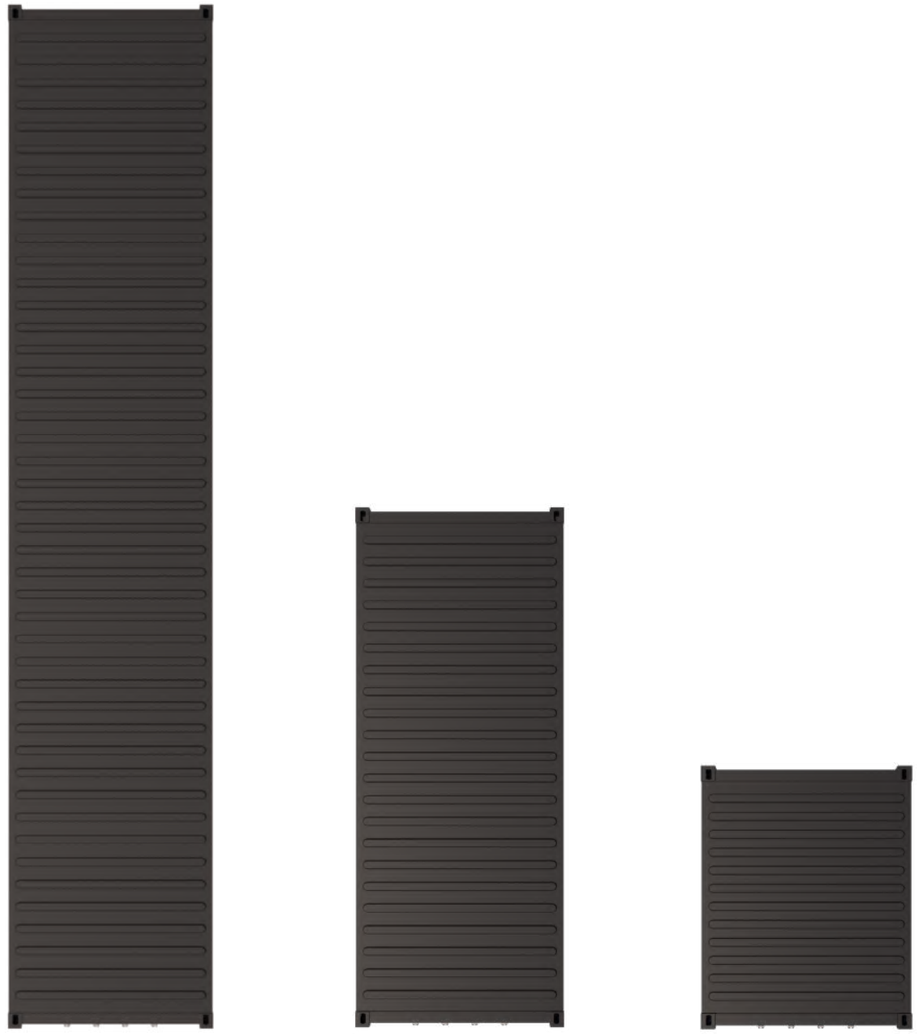
IMAGINE A PORTABLE CLEANROOM YOU CAN TAKE ANYWHERE WITH YOU.

DO YOU NEED A TEST LAB AT A REMOTE LOCATION?

DO YOU NEED EXTRA CLEANROOM CAPACITY QUICKLY?

DO YOU NEED TO SHIP A CLEANROOM BY SEA?

Mobile cleanroom containers can do all that! These portable units are built into 10', 20' or 40' HC containers with standard attachment points, facilitating easy transport by sea or road. In addition, 20' and 40' HC extension units are available. To operate the mobile cleanroom container, only an adequate power supply is required.



40 ft **20 ft** **10 ft**

MODEL **COMPARISON**

FEATURE	10 ft MICROLAB	20 ft	40 ft	20 ft	40 ft
	STANDARD CLEANROOM CONTAINER	**STANDARD CLEANROOM CONTAINER**	**STANDARD CLEANROOM CONTAINER**	**CLEANROOM EXTENSION UNIT**	**CLEANROOM EXTENSION UNIT**
EXTERNAL DIMENSIONS	2.438 x 3.050 x 2.896 mm	2.438 × 6.058 × 2.896 mm	2.438 x 12.192 x 2.896 mm	2.438 × 6.058 × 2.896 mm	2.438 x 12.192 x 2.896 mm
INTERNAL DIMENSIONS (ISO8)	Gowning Room: 2.130 × 800 × 2.200 mm Laboratory Room: 2.130 × 1.200× 2.200 mm	Gowning Room: 2.130 × 1.200 × 2.200 mm Laboratory Room: 2.130 × 3.960 × 2.200 mm	Gowning Room: 2.130 x 1.200 x 2.200 mm Laboratory Room: 2.130 x 10.060 x 2.200 mm	2.130 × 4.800 × 2.200 mm	2.130 × 11.380 × 2.200 mm
INTERNAL DIMENSIONS (ISO6/ISO7)	AISI 316L stainless steel /Anodized AL	AISI 316L stainless steel /Anodized AL	AISI 316L stainless steel /Anodized AL	AISI 316L stainless steel /Anodized AL	AISI 316L stainless steel /Anodised AL
CLEAN CATEGORY	ISO 14644 - ISO 8 – GMP Grade D	ISO 14644 - ISO 8 – GMP Grade D or ISO 14644 - ISO 6 / ISO 7 – GMP Grade C	ISO 14644 - ISO 8 – GMP Grade D or ISO 14644 - ISO 6 / ISO 7 – GMP Grade C	ISO 6 – ISO 7 or ISO 8 (GMP C – GMP D) (can be stronger than main module)	ISO 6 – ISO 7 or ISO 8 (GMP C – GMP D) (can be stronger than main module)
AIR CHANGES/ HOUR	Gowning room: 10x Laboratory room: 15x	ISO 8 Gowning room: 10x Laboratory room: 15x ISO 6 / ISO 7 Gowning room: 15x Laboratory room: 60-90x	ISO 8 Gowning room: 10x Laboratory room: 15x ISO 6 / ISO 7 Gowning room: 15x Laboratory room: 60-90x	Depending on cleanliness level (10x – 90x)	Depending on cleanliness level (10x – 90x)

MODEL **COMPARISON**

KLEANLABS

KEY FEATURES	10 ft MICROLAB	20 ft	40 ft	20 ft	40 ft
	STANDARD CLEANROOM CONTAINER	STANDARD CLEANROOM CONTAINER	STANDARD CLEANROOM CONTAINER	CLEANROOM EXTENSION UNIT	CLEANROOM EXTENSION UNIT
WORKING AREA	2,5 m²	9 m²	22 m²	11 m²	25 m²
SUITABLE FOR	1 staff member	2–3 staff members	4-6 staff members	2–3 staff members	4-6 staff members
CAN BE INSTALLED INTERALLY OR EXTERNALLY	✓	✓	✓	✓	✓
WIND- AND WEATHERPROOF INTERMODAL CONTAINER BODY	✓	✓	✓	✓	✓
EQUIPPED WITH HINGED DOOR WITH EN179 EMERGENCY EXIT	1x	2x	2x	1x	1x
EQUIPPED WITH 1X SLIDING DOOR	✓	✗	✗	✗	✗
INTERLOCKED ENTRY SYSTEM	✗	✓	✓	✗	✗
DOOR OPENING TO THE MAIN MODULE	✗	✗	✗	✓	✓
COMPLETE CLEAN HVAC SYSTEM FOR AIR SUPPLY, FILTRATION, AND CIRCULATION	✓	✓	✓	✓	✓
ADJUSTABLE TEMPERATURE AND HUMIDITY CONTROL	✓	✓	✓	✓	✓
MANUAL POSITIVE PRESSURE ADJUSTMENT	✓	✓	✓	✓	✓
LED LIGHTING THROUGHOUT, 500 LUX	✓	✓	✓	✓	✓
GMP GRADE VINYL FLOOR	✓	✓	✓	✓	✓
BUILT-IN WALL SOCKETS (AC AND ETHERNET)	✓	✓	✓	✓	✓
COMPLY WITH ISO 14644 AND GMP STANDARDS	✓	✓	✓	✓	✓
PLUG & PLAY SOLUTION	✓	✓	✓	✗	✗
ELECTRICAL SUPPLY SPECIFIED	400V / 50Hz / 3~ / 3×16A	400V / 50Hz / 3~ / 3×16A	400V / 50Hz / 3~ / 3×16A	400V / 50Hz / 3~ / 3×16A	400V / 50Hz / 3~ / 3×16A

CLASSIFICATION

	CLEAN CATEGORY	AIR CHANGES/HOUR
10FT MICROLAB STANDARD CLEANROOM CONTAINER	ISO 14644 - ISO 8 – GMP Grade D	Gowning room: 10x Laboratory room: 15x
20FT STANDARD CLEANROOM CONTAINER	ISO 14644 - ISO 8 – GMP Grade D or ISO 14644 - ISO 6 / ISO 7 – GMP Grade C	ISO 8 Gowning room: 10x Laboratory room: 15x ISO 6 / ISO 7 Gowning room: 15x Laboratory room: 60–90x
40FT STANDARD CLEANROOM CONTAINER	ISO 14644 - ISO 8 – GMP Grade D or ISO 14644 - ISO 6 / ISO 7 – GMP Grade	ISO 8 Gowning room: 10x Laboratory room: 15x ISO 6 / ISO 7 Gowning room: 15x Laboratory room: 60–90x
20FT CLEANROOM EXTENSION UNIT	ISO 6 – ISO 7 or ISO 8 (GMP C – GMP D) (can be stronger than main module)	Depending on cleanliness level (10x – 90x)
40FT CLEANROOM EXTENSION UNIT	ISO 6 – ISO 7 or ISO 8 (GMP C – GMP D) (can be stronger than main module)	Depending on cleanliness level (10x – 90x)

APPLICATION

KleanLabs® mobile cleanroom containers comply with the requirements of biological, military or medical laboratories. The equipment is highly customizable as the interior layout is always designed to meet customer requirements

FEATURES

FEATURES

Wall System

All units are built with KleanLabs 60/100 mm sandwich partition wall panels.

HVAC & Controls

Every container includes a dedicated cleanroom HVAC system with adjustable temperature and humidity, operated via an integrated touch-panel control interface.

Filtration

All cleanroom container configurations are fitted with built-in H14 HEPA filters to provide high-efficiency air filtration.

Lighting

Each model features a full cleanroom-grade LED lighting system.

Power Data

Every unit is delivered with integrated wall outlets for AC power and Ethernet connectivity.

Hygienic Finishes

Ceiling and wall junctions are finished with internal radiused corner covings across all models to support easy cleaning and hygienic operation.

Compliance

The materials and finishes used throughout the cleanroom container range are compliant with ISO 14644 and are suitable for use in GMP Grade C–D environments.

Construction

Each cleanroom container, including the extension units, is built on a robust, wind- and weather-resistant intermodal container body.

Transport

The structures are engineered for transport in accordance with ISO 668:2020 requirements.

GALLERY

OPTIONS

OPTIONS

- Available with full customization options
- BMS connection
- Removable wall panel for equipment installation
- Cleanroom windows
- Raised ceiling section to accommodate taller equipment
- Rapid roll-up door
- KleanLabs material pass thru boxes (passive or dynamic models)
- Access control
- CCTV, Intercom, Smoke detectors
- ISO 14644 Factory validation (as-built)
- Furniture & Equipment
- Other mechanical connections (Compressed air, Water, Extraction, etc)
- Environmental monitoring
- Marine specification
- Stainless steel walls
- Custom containment

BENEFITS

KEY BENEFITS

Affordability

Relying on a standardized design in a marine container, we can offer KleanLabs mobile cleanroom containers at an affordable price level. Should you need extra cleanroom capacity quickly, these containers provide a cost-effective solution.

Portability

Built onto the structure of a standard marine container, our mobile cleanroom containers are suited for transport according to (ISO) standard 668:2020 can be shipped by sea, rail or on the road. They can be moved either from the bottom - by forklift - or from above - by crane.

Quick availability

KleanLabs mobile cleanroom containers are shipped pre-assembled, meaning that they are ready to be used as soon as they arrive.

Exceptional durability

Designed for shipping, KleanLabs mobile cleanroom containers can withstand harsh conditions, including chemical and physical impact.

DELIVERY

Worldwide delivery

If you need cleanroom capacity delivered to a remote location, neither distance nor scale are a problem for us. Our reliable logistics partner network offers worldwide delivery. Feel free to contact us with further questions about shipping.

Spare part inventory

A key benefit of ordering directly from the manufacturer is that we keep every component on stock. Should there be any failure in your mobile cleanroom container, spare parts can be ordered immediately from KleanLabs with fast delivery.

SUPPORT

1-year warranty

KleanLabs is proud to stand by the quality of all manufactured products. We never abandon our customers once we delivered. We provide 1 year warranty free of charge for all our containers. For extra security and prolonged care, inquiry about options to extend the warranty.

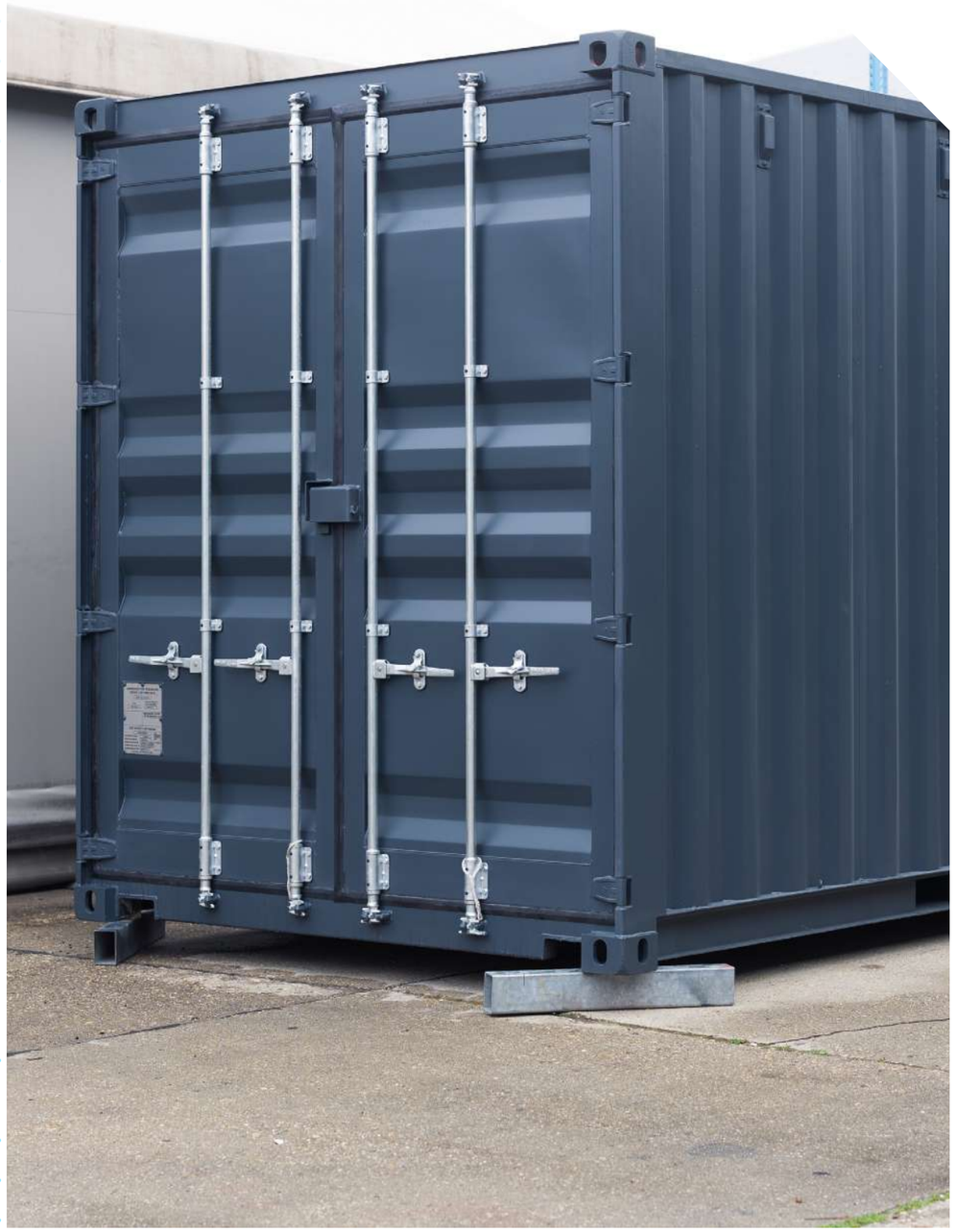
Customer service

We care about our customers to a great extent. As manufacturers, we have the best and most efficient solutions to any problem that may arise. Based on the comprehensive knowledge of our expert engineering team, we offer full-scale customer service.

RENTAL CLEANROOMS

Rental cleanrooms for short- and long-term needs

KleanLabs rental cleanroom containers provide compliant controlled environments built to meet ISO 14644 and GMP requirements. Units are delivered plug-and-play with HVAC, H14 HEPA filtration, interlocked doors, and built-in utilities. Available in 20’ and 40’ sizes; capacity can be expanded with cleanroom Extension Units.



WHY RENT A CLEANROOM CONTAINER?

Rapid deployment without long lead times or major investment.

Flexible capacity for pilot projects, regulatory needs, or temporary expansions.

Simplified relocation or decommissioning when the project ends.

Standard container form factor for worldwide transport; installation requires only a prepared site and electrical connection.

RENTALTERMS

Rental cleanrooms for short- and long-term needs

The minimum rental period is 16 weeks.

Delivery and collection can be arranged at the customer's request for an additional cost.

Offloading and on-site positioning are to be organized by the customer, unless otherwise agreed.

The customer must provide a suitable, level, and load-bearing surface (e.g., paved or concrete yard) and ensure sufficient access for trucks and cranes.

All permits, groundwork, and site preparations are the customer's responsibility.

KLEANLABS

COMPANY NAME
Hűtőépítő Kft.

ADDRESS
HUNGARY
3200 Gyöngyös,
Kenyérgyár street 9.

VAT NUMBER
HU14739785

WEBSITE
www.kleanlabs.com

YOUR DISTRIBUTOR