



CleanFlowCell

CLEANROOM TENTS FOR CUSTOMER ASSEMBLY

FAST AND RELIABLE

FREE-STANDING CLEANROOM TENTS IN STANDARD SIZES

Our CleanFlowCell cleanroom tents are the perfect solution if you need to set up small cleanroom areas quickly and cost-effectively.

Thanks to the high filter performance, purities corresponding to cleanroom classes ISO 5–9 and GMP C and D can be achieved.





SCHILLING
ENGINEER
Industrial Handling
Cleanroom Systems

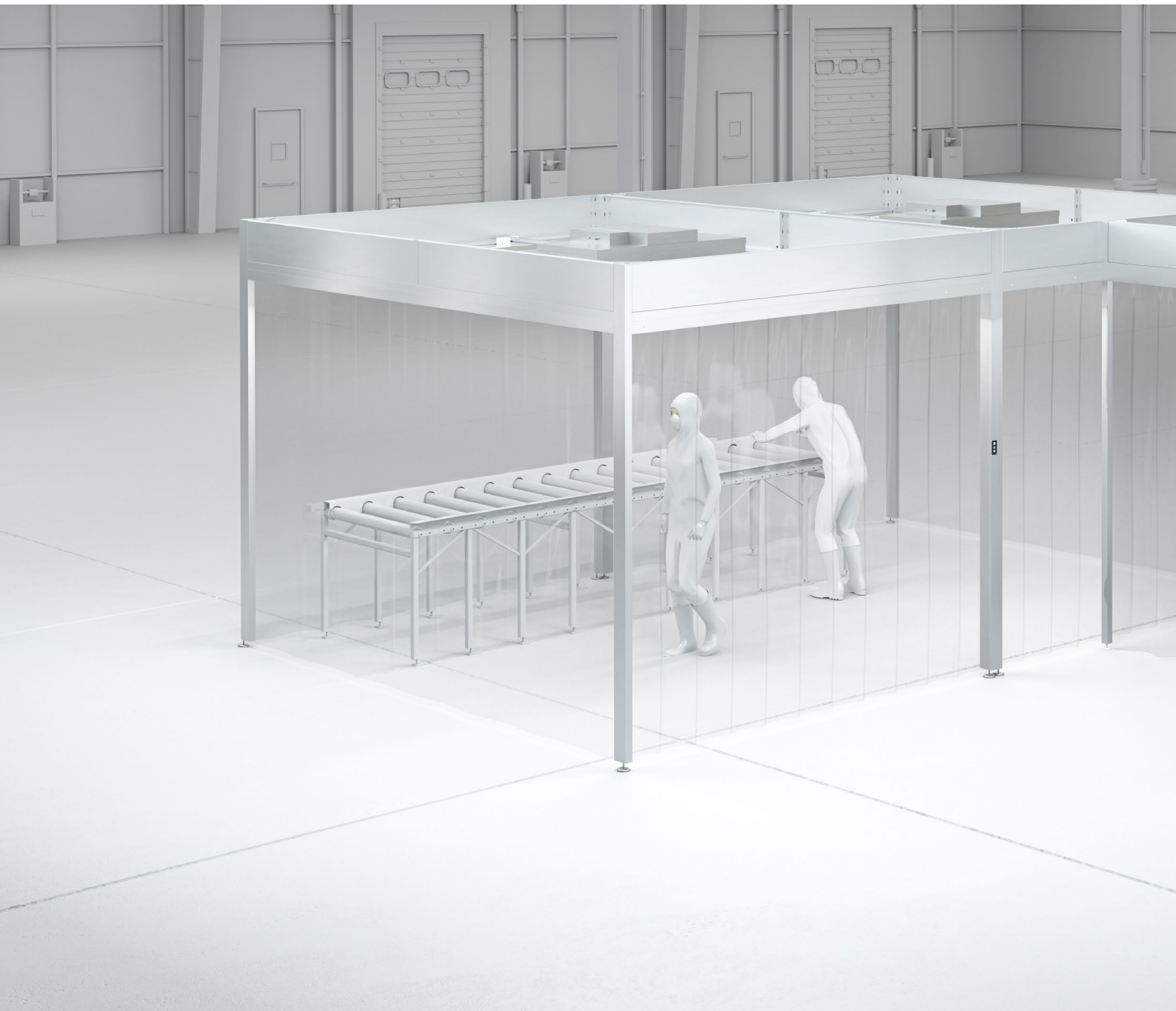
CleanFlowCell®

IMMEDIATELY READY FOR USE

PLUG AND PLAY

The system is made up of prefabricated components, which you can easily assemble yourself.

After switching the system on, you only have to wait a few minutes before it's ready for use.



MODULAR DESIGN

FLEXIBLE EXPANSION OPTIONS

The modular design of our cleanroom tents means you can respond flexibly to changing requirements. The tents can be placed side by side or connected to form larger units. Connected units can be used as individual units again as needed.



⤴
The small 2x2m tent
can be connected to the
cleanroom tent and used
as a lock.

MOBILE UNITS

EASY TO MOVE

Because our modular cleanroom tents are self-supporting, they can be easily moved as a complete unit and immediately put into operation elsewhere.

If a change of location is planned at regular intervals, we recommend that the aluminium poles are fitted with castors.





INTEGRATED PERSONNEL AIRLOCK

COMPACT SOLUTION

On request, we can supply our large 5x3 m unit with an integrated air lock. Access is via sliding plexiglass panels which are moved in a double guide.



⤴
The integrated airlock
is operated via sliding
plexiglass panels

SAFE ENTRY

CLOTHING AND FURNITURE

The right garment and personnel airlocks are part of any cleanroom concept. We can advise you on whether a personnel airlock is appropriate for your application.

We can also supply you with the appropriate cleanroom garments and the furniture to store them safely and process-appropriately.

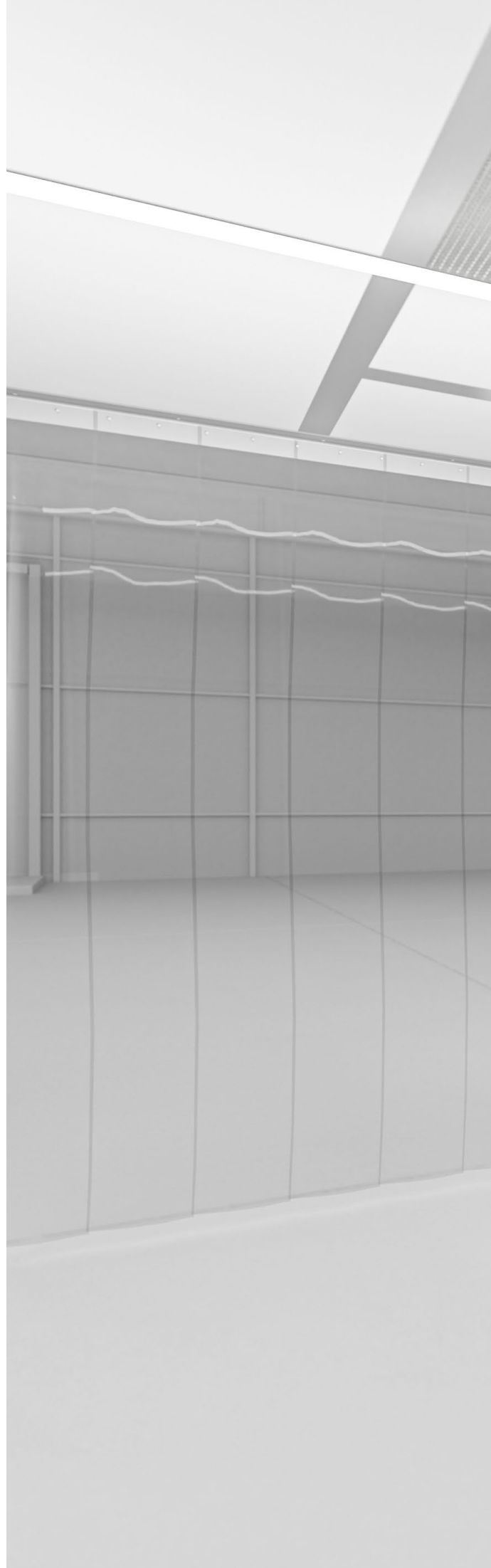


THE ADVANTAGES OF CURTAINS

EASY ACCESS, UNOBSTRUCTED VIEW

The PVC curtains offer very easy access for machines and personnel. They can easily be pushed to the side in the rail. The overlapping slats attached on one side of the tent allow flexible access across the entire side.

Monitoring from the outside is possible thanks to the transparent curtains. Natural daylight makes working more comfortable and creates the illusion of an open space.



»
Strip curtain for easy
access



LIGHT STRIPS

BRIGHT AND EVEN

Especially practical and, we think, especially aesthetic are the LED strips integrated into the ceiling sections. They emit a bright and even light. With no protruding edges, the strips are easy to clean and GMP-compliant.

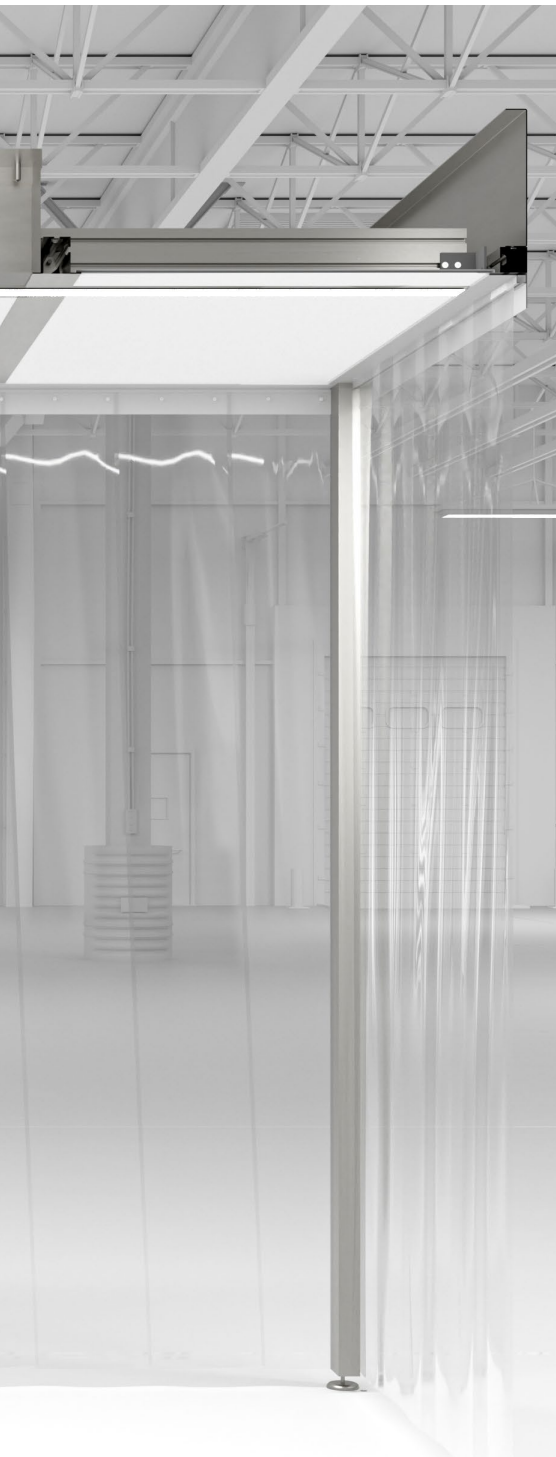


CLEANLINESS WITH NO COMPROMISES

HIGHLY RELIABLE AND QUIET

High-performance ULPA filters provide for constant, controlled air quality. The cleanroom tents meet the strict requirements of cleanroom classes ISO 5–9 and GMP C and D.

The filter modules are low-maintenance and very quiet-running.



«
To save space,
our high-per-
formance
filters are
integrated into
the ceiling.

A GOOD FLOW

CLEAN AIR DISPLACES PARTICLES

Filter fan units in the ceiling suck in air from the outside. The filtered air flows vertically through the cleanroom tent (laminar flow). Contaminant particles are pushed towards the floor and transported between the gap between the curtain and the floor to the outside.



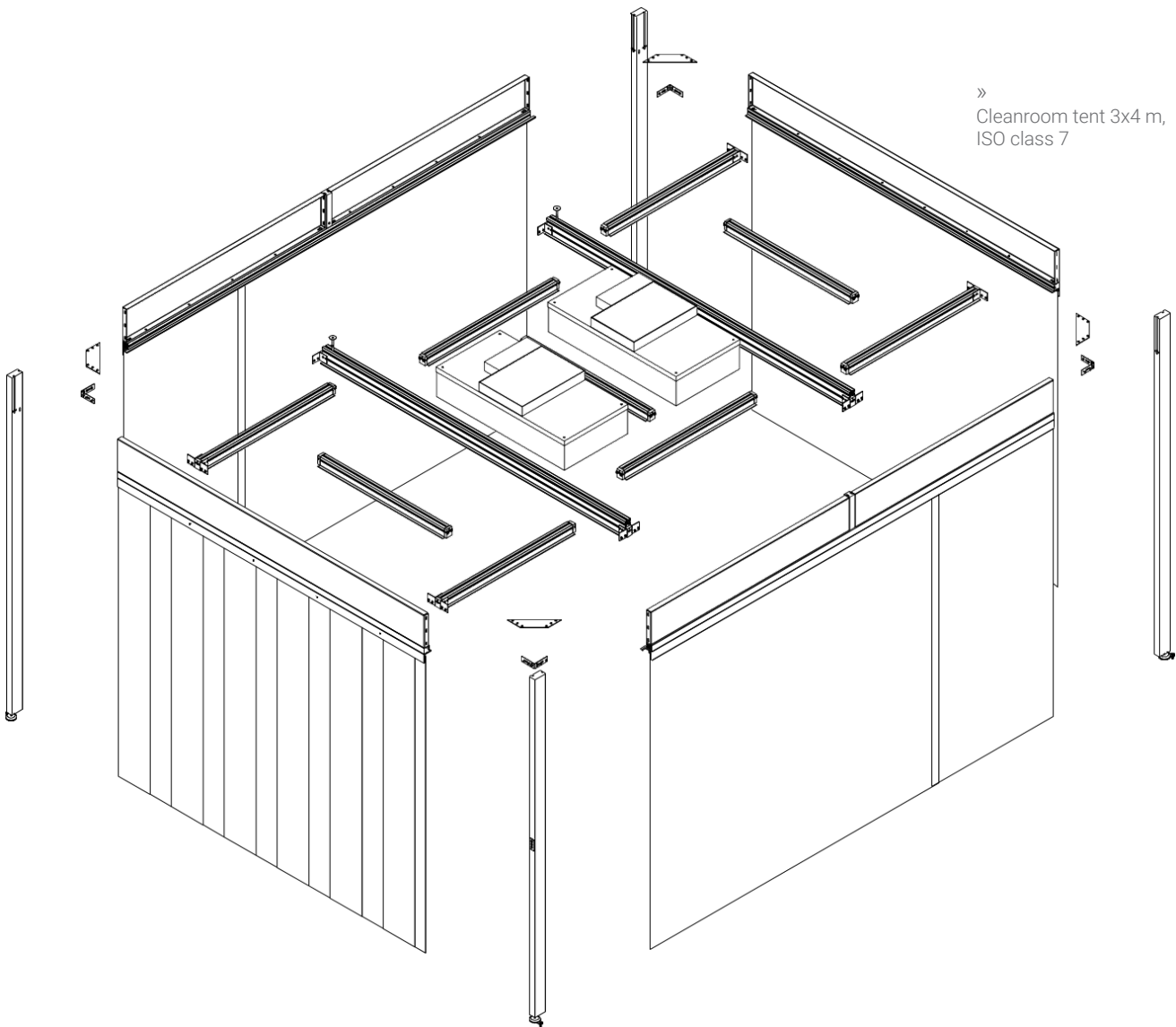
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Operation is easy.
Light on, light off.
Filter on, filter off.
Running.

EASY ASSEMBLY AND EXPANSION

MODULAR SYSTEM FOR MAXIMUM FLEXIBILITY

Our cleanroom tents are designed as modular systems and are supplied as prefabricated components. All parts are joined via a simple connection system. You can easily carry out the assembly yourself.

If you need more space later on, you can connect additional tents and combine them to form one room.



CHARACTERISTICS CleanFlowCell

- Cleanroom classes ISO 5–9; GMP C, D
- Easy start-up (plug and play)
- Free-standing aluminium frame
- Ceiling elements with integrated filter fan units (ULPA 15)
- Glass touch control panel
- PVC curtains (3 sides continuous curtains and 1 side strip curtain)
- Simple maintenance

TECHNICAL SPECIFICATIONS

DIMENSIONS

Length x width – version 1	2030 x 2000 mm
Length x width – version 2	4000 x 3000 mm
Length x width – version 3	5000 x 3000 mm
Length x width – version 3A (with air lock)	5000 x 3000 mm
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Interior height	2500 mm
External height	2850 mm

FILTER

Degree of separation	99.9995 %
Air flow rate	1100 m ³ /h

LIGHTING AND CO.

Illuminance	500 LUX
Power supply	230 V

Besides offering standard sizes, we can supply cleanroom tents with custom sizes and designs.

Contact us – we will be happy to advise you!

OUR CLEANROOM SYSTEMS

SUPPORT PROCESSES IN THESE INDUSTRIES

- Pharmaceutical industry
- Medical technology
- Biotechnology
- Clinics
- Pharmacies
- Blister centres
- Cytostatics laboratories
- Cosmetics industry
- Semiconductor industry
- Automobile industry
- Display fabrication
- Microtechnology
- Nanostructural engineering
- Optical industry
- Laser technology
- Data carrier technology
- Solar industry
- Food technology
- Packaging technology
- Aerospace technology
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OUR BRANDS

CleanEasyCell[®]

CleanMediCell[®]

CleanFlowCell[®]

CleanCell 4.0[®]

CleanSteriCell[®]

CRControl[®]



SCHILLING ENGINEERING GmbH

Industriestr. 26
D-79793 Wutöschingen
Tel. +49 (0)7746 - 92 789-0
info@SchillingEngineering.de

www.SchillingEngineering.de

SCHILLING ENGINEERING Schweiz GmbH

Zollstr. 5
CH-8219 Trasadingen
Tel. +41 (0)52 - 212 789-0
info@SchillingEngineering.ch

www.SchillingEngineering.ch