CleanEasyCell®

CleanEasyCell

MODULAR CNC AND CLEANROOM CABINS

SCHILLING
ENGINEERING
Industrial Handling
Cleanroom Systems

WHEN IT HAS TO BE CLEAN

MODULAR CLEANROOMS AND CLEANROOM BOOTHS

Our CleanEasyCell cleanroom meets the requirements of VDA 19 for technical cleanliness as well as ISO 8 cleanroom specifications. The quick and easy installation thanks to the modular system design and highly efficient filters provide for a constant and controlled level of cleanliness at a very low price.

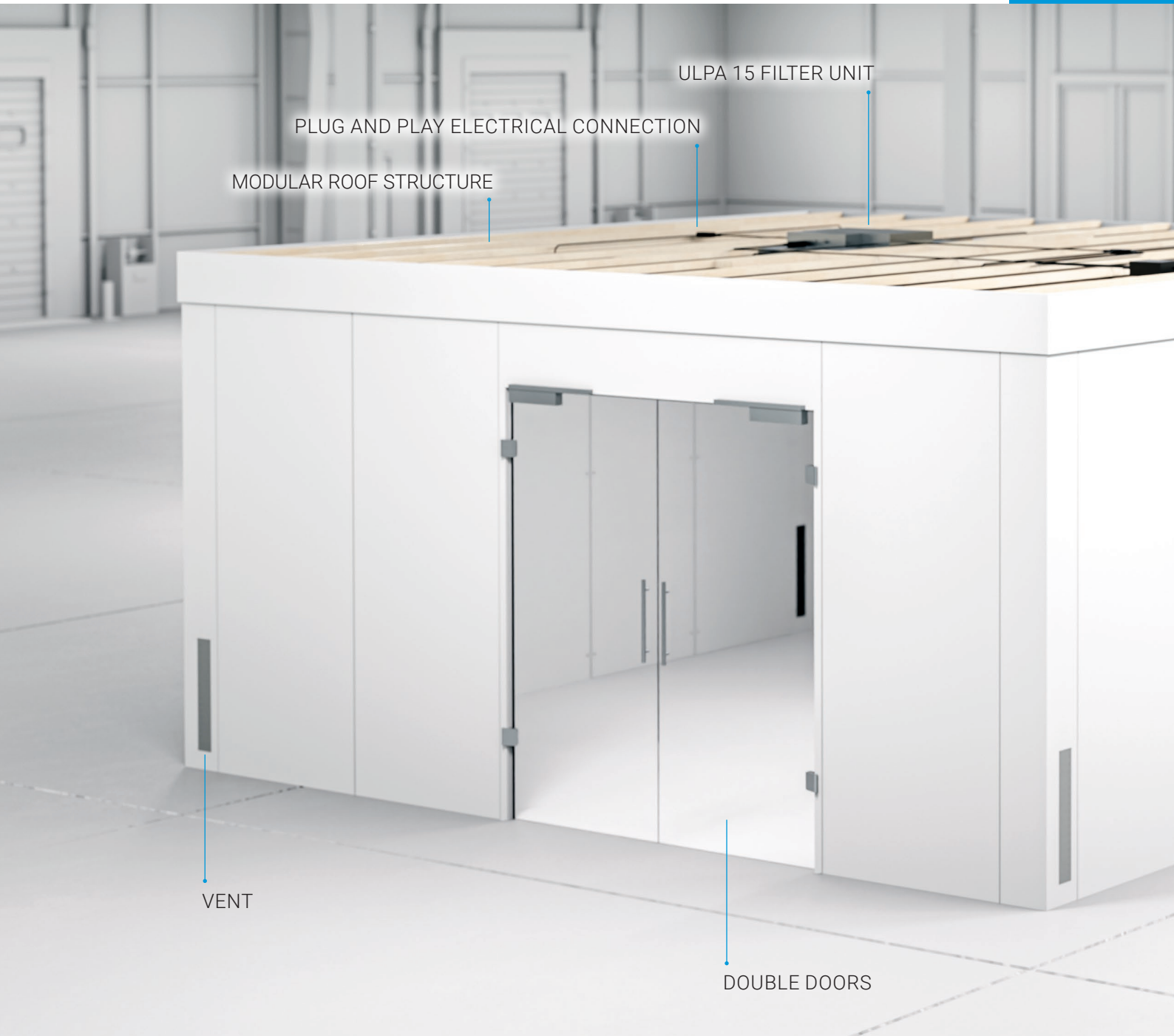# CLEAN AND SUSTAINABLE

WITH RENEWABLE RAW MATERIALS

The innovative cleanroom is manufactured from renewable raw materials. Sustainability is important to us. With energy-efficient cleanroom systems, our own photovoltaic system, and our electric fleet, we make a contribution to our environment and the future.

Rein in die Zukunft

GREEN
CLEANROOM®

The lighting and filter units are controlled wirelessly and can thus be positioned freely

ULPA 15 FILTER UNIT

PLUG AND PLAY ELECTRICAL CONNECTION

MODULAR ROOF STRUCTURE

VENT

DOUBLE DOORS

'ROOM WITHIN A ROOM' – FITS IN ANYWHERE

FREE-STANDING STRUCTURE SET UP ON-SITE

Our cleanrooms can be flexibly integrated into your existing location. Whether for new or existing production buildings, whether space is tight or abundant, we can easily configure the modular elements to meet your size requirements. The free-standing structure means that you don't need a steel frame or supporting ceiling for the 'room within a room' system.

ASSEMBLE, ERECT, WORK

FAST DELIVERY – PLUG AND PLAY

Our CleanEasyCell is delivered as a set of prefabricated components. Just follow the instructions for on-site assembly of the elements and you'll be done in no time. Or you can get our installers to do it for you.
Simply insert the plug into a socket and the system is ready to go.

LIGHTING AND AIR FILTER SWITCHES

WINDOW ELEMENT

» If required, a suitable material lock can be easily integrated

COME IN

STEP INSIDE AND MAKE YOURSELF COMFORTABLE

High-quality glass doors ensure good accessibility and a good view inside and outside the cleanroom.
You can combine them with available window elements to let in natural light and create the illusion of an open space. Alternatively, a modular lock can be integrated into the room concept.

» Double doors or single door, freely positionable.

LIGHT-FLOODED ROOMS

IDEAL AMBIENT LIGHT FOR ALL TASKS

The cleanroom is equipped with high-quality LED lighting to ensure that the entire room is brightly lit. The lighting comes as a plug and play solution that connects to a 230 V socket. The lighting and filter units are controlled via a wireless push button that can be placed anywhere. And best of all: no batteries are required!

CLEANLINESS WITH NO COMPROMISES

HIGHLY RELIABLE AND QUIET

High-performance ULPA filters provide for constant, controlled air quality. Thanks to the high filter performance, the required cleanliness level can be achieved with a small number of filter units and a low air change rate. The filter fan units suck in the surrounding air in the building while generating less than 50 dB(A) of noise.

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

OPTIMAL AIR FLOW

FAST AND EASY ADJUSTMENT

Vertically oriented air flow control vents in the corners of the room ensure optimal flow. The openings can be continuously adjusted to regulate air flow and positive pressure. The mesh screen keeps flies and other pests out.
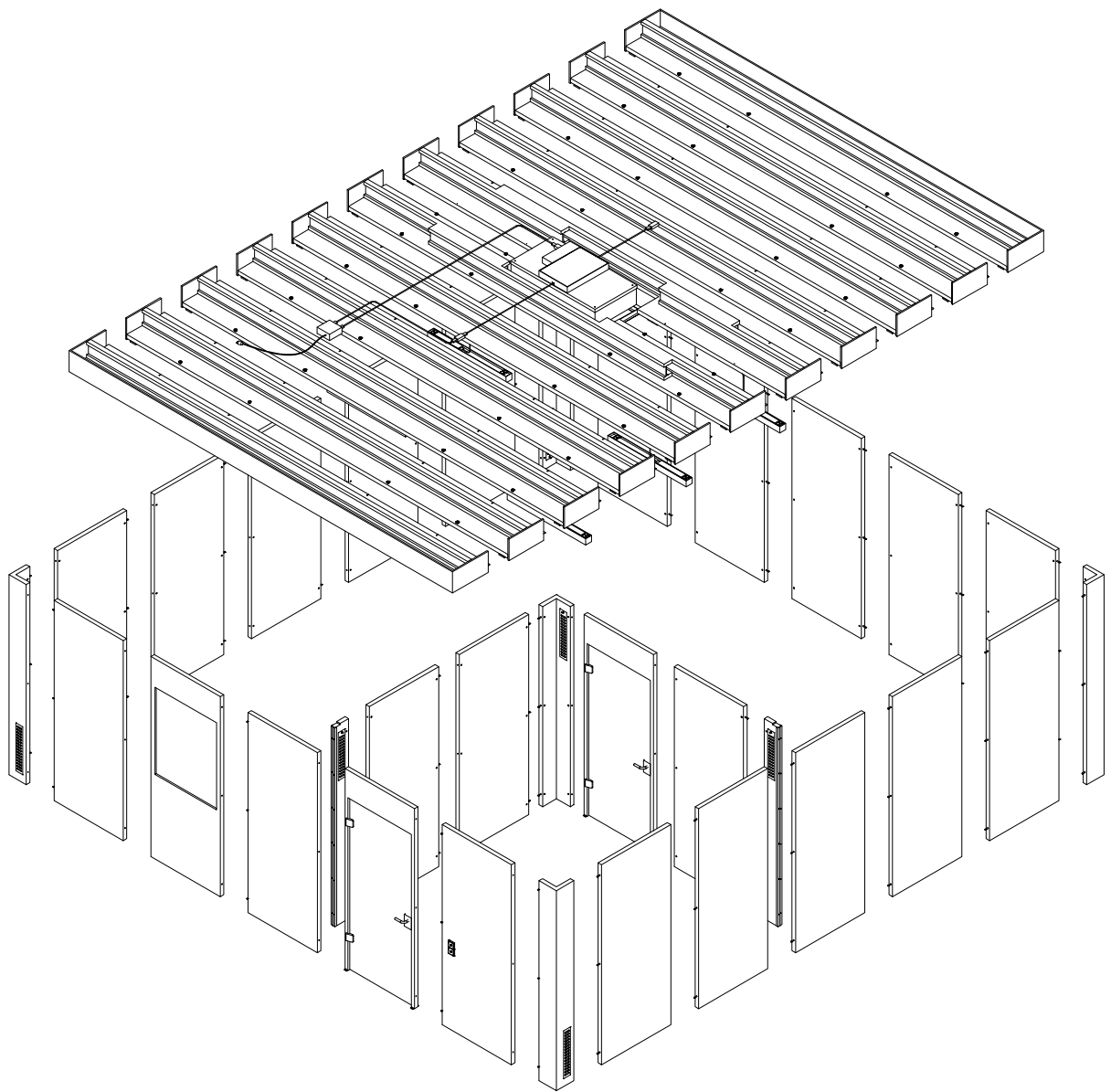
» The mesh screen keeps flies and other pests out.

STAY FLEXIBLE – REBUILD QUICKLY

SECURE YOUR INVESTMENT THROUGH EXPANSION OPTIONS

Your modular cleanroom grows with you. After all, you can quickly convert or expand it at any time. All elements – roof, wall, door and window elements – can be removed without problems and without damage
and reused.

CHARACTERISTICS CLEANEASYCELL

- Modular system for rooms in accordance with VDA 19 and ISO 8
- Complete kit for quick and easy start-up
- Free-standing wall elements
- Ceiling elements with integrated filter fan units (ULPA 15)
- Easy installation with plug-in connections
- Sliding vents for positive pressure regulation
- Flexible expansion options
- Freely positionable internal locks

TECHNICAL SPECIFICATIONS

DIMENSIONS

Length (in steps of 100 cm)	2.5 – 20.5 m
Width (fixed)	3.5 / 4.5 / 5.5 m
Standard height	2.5 / 3.0 m

FILTER

Filtration efficiency	99,9995%
Air flow rate	1100 m³/h
Noise level	< 50 dB(A)

LIGHTING AND CO.

Illuminance	500 LUX
Power supply	230 V
Control element (lighting & FFU)	wireless

OUR CLEANROOM SYSTEMS

SUPPORT PROCESSES IN THESE INDUSTRIES

- Pharmaceutical industry
- Medical technology
- Biotechnology
- Clinics
- Pharmacies
- Blister centres
- Cytostatics laboratories
- Cosmetics industry
- Semiconductor industry
- Automotive industry

- Display fabrication
- Microtechnology
- Nanostructural engineering
- Optical industry
- Laser technology
- Data carrier technology
- Solar industry
- Food technology
- Packaging technology
- Aerospace technology

OUR BRANDS

CleanEasyCell® CleanMediCell® CleanFlowCell®

CleanCell 4.0® CleanSteriCell® CRControl®

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