



AIRPLAN
Cleanroom & Process Solutions

A CLEAN ENVIRONMENT
OUT OF THE BOX



THE QUICKBOX
MODULAR READY-MADE CLEANROOM





ALL OUR KNOW-HOW **CONDENSED IN ONE PRODUCT**

For 50 years AIRPLAN has been integrating design, engineering and consulting solutions to conceive cleanrooms of unique characteristics all over the world.

We have carried out turn-key projects for diverse sectors such as pharmaceutical, healthcare, chemical, food & biotechnology industries.

The ongoing dialog and the proximity to our clients have prompted us to create a cleanroom customized for hospitals and clinics.

AIRPLAN INTRODUCES THE **QUICKBOX**

A new kind of turnkey-project

A clean environment, ready to assemble and use, in compliance with the current standards, in powder coated galvanized steel modular panels, equipped with all required features according to the selected application.

Choose the accessories and the performance you need, with the option of moving from ISO 8 to ISO 5B in a limited space.





A WHOLE PACKAGE OF **ADVANTAGES**

High performance in a limited space

Making the most out of any reduced space, THE QUICK BOX is a ready-to-use and fully functional solution whose **space requirements start from only 6,3 m²** (67 ft²), depending on the selected application.

Technology against time

Time is money and in AIRPLAN we know it. THE QUICK BOX is **manufactured in 50 days and assembled in approx. 48 hours**. You don't need to waste time with engineering, consulting or previous legal assessment: all is included, as it has to be in a turn-key project.

Minimum investment, maximum functionality

Make use of all the features of a cleanroom **without investing in civil engineering and within a fixed budget**.

With THE QUICK BOX, you only pay what you need, no more, no less.

In compliance with international health care regulations

THE QUICK BOX meets the standards defined in the regulations UNE 100713 and UNE 171340 and the recent European Project PNE-FprCEN-TR 16244 on ventilation in hospitals. This product is designed and built in accordance with the American Ventilation Standard for Health Care Facilities ASHRAE std. 170.

Besides, the following guidelines and regulations were taken in account for the development of this product: cGMP, ISO14644, CFR, ASHP and OSHA.



ONE SOLUTION, **TWO OPTIONS**

Each QUICK BOX is available in two versions: **the BASIC PACK and the PREMIUM PACK.**

BASIC PACK

The PACK BASIC PACK version is conceived for making maximum use of the client's existing infrastructures in order to reduce costs and production times.

THE QUICK BOX BASIC runs with existing air conditions and is built directly onto the existing floor wherever possible.

The BASIC PACK is especially recommended for occasional use in air-conditioned environments, and can be complemented with accessories and furniture of your choice.

PREMIUM PACK

A fully functional option, regardless of the technical conditions of your facility: the Premium version does include an air conditioning system.

The external air handling unit provides the needed temperature, relative humidity and differential pressure to provide optimal conditions for your products and operators without reducing space inside THE QUICK BOX.

Your QUICK BOX PREMIUM includes vinyl flooring, interlocking doors, hand disinfection equipment made of stainless steel, 2 stainless steel dispensers for gloves, shoe covers, gowns, face-shield masks, etc. and a work table.



Hand disinfection equipment and dispensers for shoe covers, gloves, surgical hats, face-shield masks, etc. are available for any QUICK BOX.



Both the BASIC and the PREMIUM version are delivered in separate modules that are easy to assemble, in order to avoid problems when entering the material into the facility.

CASE STUDY

QUICK BOX PREMIUM - FULLY CUSTOMIZED

Two 22 m² (240 ft²) ISO 8 cleanroom installations, each one with exterior air handling unit.

Clean environments used for sampling that are distributed according to raw material and personnel flows.

Seamless integration into the facility, respecting not only the civil works but also existing elements of ultrafiltration. Equipped with inactinic light (safelight) for photosensitive products.



CLIENT

AIRFARM GROUP

Raw material Logistics center for the chemical and pharmaceutical industries.

INDUSTRY

Transport, storage, customs clearance, cargo handling and logistics.

DESCRIPTION

Two 22 m² (240 ft²) cleanroom installations, each one composed of three rooms: a changing room, an airlock for raw materials (all rooms class ISO 8) and a main room for sampling and dispensing.

BUDGET

110.000 € / ca. 140,000 US \$

INTENTION

To ensure worldwide traded raw materials meet the required international quality standards by means of quality control carried out at the premises of AIRFARM.

CHALLENGE

To deliver both facilities within 10 weeks. The deadline was met as a result of strict project planning.

ADVANTAGE

AIRFARM is now able to save costs and time by taking control over the quality analysis of the raw materials that otherwise would have to be carried out at an external laboratory.

YOU ASK, **WE DELIVER**

Flexible solutions for any needs

We are happy to develop a customized solution specifically tailored to your requirements and space, while maintaining a competitive price. We can also personalize, modify and /or combine any of the existing QUICK BOX types presented in this catalogue.

In addition, THE QUICK BOX can be transformed into an isolation room for special patients or into plastic surgery operating rooms:

- ▶ **THE QUICK BOX for immunosuppressed patients** prevents patients from being exposed to any outside factors that can be a hazardous to their health. This QUICK BOX is based on design #1 (p. 10) and comes with Terminal HEPA filtering, ISO 8 and ISO 7 class with positive pressure gradient.
- ▶ **THE QUICK BOX for infectious patients** combines THE QUICK BOX # 2 and # 3 designs creating an ideal environment for the accommodation of infectious patients, with HEPA filtered exhaust air to prevent the spread of diseases. Composed of both class ISO 8 airlock and cleanroom with negative pressure.
- ▶ **THE QUICK BOX for plastic surgery operating rooms:** Any QUICK BOX can be transformed into a plastic surgery operating theater equipped with a customized laminar flow system.

READY TO GO? SO ARE WE.

CHOOSE YOUR BOX



CONCEPT

#1

PARENTERALS & MIXTURES

Designed for preparation of parenteral solutions and intravenous mixtures

- > Simple airlock
- > HEPA terminal filtration
- > HVAC with recirculation
- > ISO 7 in positive pressure gradient

#2

CYTOTOXICS

Designed for preparation of cytotoxics

- > Double airlock
- > HEPA terminal filtration in both supply and air extraction
- > HVAC with 100 % makeup and exhaust air
- > ISO 5B (or ISO 7) in negative pressure gradient

#3

FORMULATION & REPACKAGING

Designed for formulation and repackaging of drugs

- > Simple airlock
- > HEPA terminal filtration inside cleanroom or incorporated in Air Handling Unit
- > HVAC with recirculation
- > ISO 8 in positive pressure gradient

#4

CELL THERAPY

Designed for cell therapy preparation

- > Double airlock
- > HEPA terminal filtration in supply air
- > HVAC with recirculation
- > ISO 5B (or ISO 7) in positive pressure gradient

#5

COMBINATIONS & SPECIAL APPLICATIONS

Combinations of two or more of the designs #1-4 and special applications

- > Simple or double airlock
- > HEPA terminal filtration inside cleanroom or incorporated in Air Handling Unit
- > HVAC with recirculation or 100 % makeup air
- > ISO 8 to ISO 5B in positive or negative pressure

#5F

PHARMACY EDITION

Designed for formulation and repackaging of drugs

- > Simple airlock without external door
- > HEPA terminal filtration inside cleanroom or incorporated in Air Handling Unit
- > HVAC with recirculation
- > ISO 8 in positive pressure gradient

DESCRIPTION

REQUIREMENTS

Minimum space required:

Surface: 6,3 m² // 67 ft²
Height: 2,8 m // 9'-2"

Minimum space required:

Surface: 15,8 m² // 170 ft²
Height: 2,8 m // 9'-2"

Minimum space required:

Surface: 6,3 m² // 67 ft²
Height: 2,8 m // 9'-2"

Minimum space required:

Surface: 15,8 m² // 170 ft²
Height: 2,8 m // 9'-2"

Minimum space required:

Surface: 27,8 m² // 300 ft²
Height: 2,8 m // 9'-2"

Minimum space required:

Surface: 6,3 m² // 67 ft²
Height: 2,8 m // 9'-2"

TYPES

THE QUICKBOX

MODULAR READY-MADE CLEANROOM

TQB #1 · PARENTERALS & MIXTURES

THE QUICKBOX

MODULAR READY-MADE CLEANROOM

TQB #2 · CYTOTOXICS

THE QUICKBOX

MODULAR READY-MADE CLEANROOM

TQB #3 · FORMULATION & REPACKAGING

THE QUICKBOX

MODULAR READY-MADE CLEANROOM

TQB #4 · CELL THERAPY

Example:

THE QUICKBOX

MODULAR READY-MADE CLEANROOM

TQB #5.1 · CYTOTOXICS & FORMULATION

THE QUICKBOX

MODULAR READY-MADE CLEANROOM

TQB #5F · PHARMACY EDITION

Do you want to prepare parenteral nutrition and intravenous additives in a clean environment?

#1

THE QUICKBOX FOR PARENTERALS & MIXTURES

THE QUICK BOX FOR PARENTERALS AND MIXTURES is available in two standard sizes that can be individually adapted to each client's needs.

This QUICK BOX type is created to work as a hospital pharmacy cleanroom suitable for preparing Total Parenteral Nutrition (TPN) and provide Central Intravenous Additive Services (CIVAS). Specifically designed for handling intravenously administered compounds, formulations or mixtures, it complies with the strictest conditions, providing an ISO 7 environment in the main room which can be upgraded to ISO 5B. Additionally, the room can be equipped with a horizontal laminar flow cabinet, as shown in the picture.

If you want to implement a cleanroom environment in your hospital to ensure save TPN and intravenous additives preparation, THE QUICK BOX is an easy solution that will save you time and minimize your fixed costs in the long run.



CLEANROOM WITH CLASS ISO 7 COMPLIANCE
By using horizontal laminar flows you can create a work environment up to ISO Class 5A

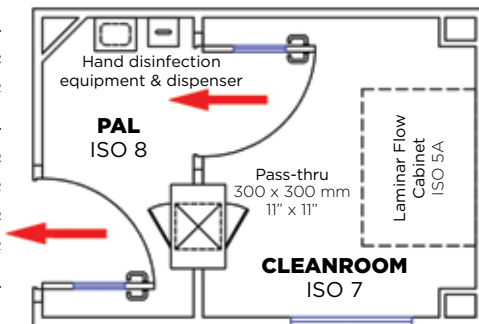
THE QUICK BOX #1.1

Exterior dimensions:
3,0 m x 2,1 m = 6,3 m²
9'-10" x 6'-11" = 67 ft²

Interior dimensions:
PAL: 1,0 m x 2,0 m = 2,0 m²
3'-3" x 6'-7" = 22 ft²

Main room: 1,8 m x 2,0 m = 3,6 m²
5'-11" x 6'-7" = 38 ft²

Interior height:
2,2 m // 7'-3"



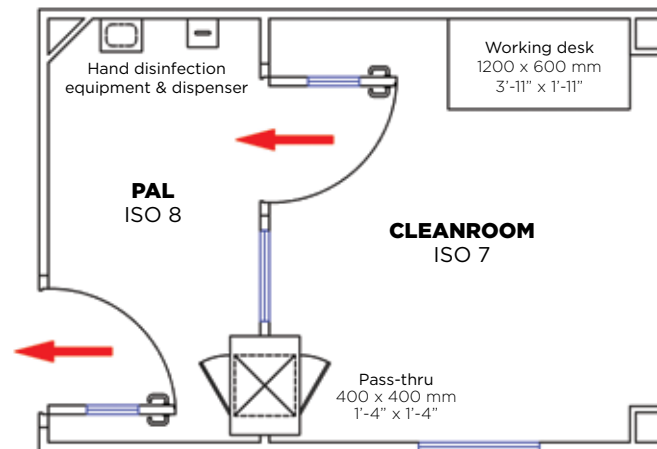
THE QUICK BOX #1.2

Exterior dimensions:
4,2 m x 2,9 m = 12,3 m²
13'-9" x 9'-6" = 132 ft²

Interior dimensions:
PAL: 1,4 m x 2,8 m = 3,9 m²
4'-7" x 9'-2" = 42 ft²

Main room: 2,6 m x 2,8 m = 7,3 m²
8'-6" x 9'-2" = 79 ft²

Interior height:
2,2 m // 7'-3"



GENERAL SPECIFICATIONS

COMPLETE SALES KITS

THE QUICK BOX

FOR PARENTERALS AND MIXTURES

General room specifications

Area type	High risk area
Flow type	Not unidirectional
Cleanroom Class (ISO 14644)	ISO 7
Airlock Class (ISO 14644)	ISO 8

HVAC specifications

Suitable for horizontal laminar flow cabinet	yes
Air movement concept	recirculation
Pressure gradient regime	positive
Air Extraction Unit	no
Air extraction inside cleanroom	no

Required utilities

Electricity supply	yes
Chilled water	yes*
Hot water	yes*
Drain	yes*

* only in case of hand washing sink needs

BASIC PACK

QUICK & EASY

PREMIUM PACK

TEMPERATURE CONTROL INCL.

HVAC Units

Description	Air Ventilation Unit with medium M5 and fine F9 filter and fan. H14 HEPA terminal filtration / Air Recirculation. 3 air returns with dampers for differential pressure control.	Air Handling Unit with medium M5 and fine F9 filter, cooling and electrical heating coil and fan. H14 HEPA Terminal Filtration / Air Recirculation. 3 air returns with dampers for differential pressure control.
Airlock	HEPA Filter for ISO 8	HEPA Filter for ISO 8
Room	HEPA Filter for ISO 7	HEPA Filter for ISO 7

HVAC Details

Air Extraction Units	-	-
HEPA filtration in exhaust air returns	-	-
Electric and control panel	+	+
Pressure Adjusting Damper	+	+
Room pressure transmitters with display	optional	optional
Room pressure manometers	optional	optional
DX cooling coil	-	+
Electrical heating coil	-	optional
Chilled water cooling coil	-	optional
Hot water heating coil	-	optional
Humidity control	-	optional

Accessories

Pass-thru (simple / with ventilation)	+ (simple)	+ (simple)
Vinyl flooring	optional	+
Interlocking doors	optional	+
Interlocking doors with signal LEDs	optional	optional
SST Hand disinfection equipment	optional	+
SST Hand washer with remote	optional	optional
SST Hand dryer	optional	optional
SST Dispenser for shoe covers, gloves, surgical hats, face-shield masks, etc.	optional	+ (2 pcs.)
Working desk	optional	+
SST Bench for shoe covers	optional	optional
Interphone	optional	optional

Prepare cytotoxics in an environment that protects your staff and your patients.

#2

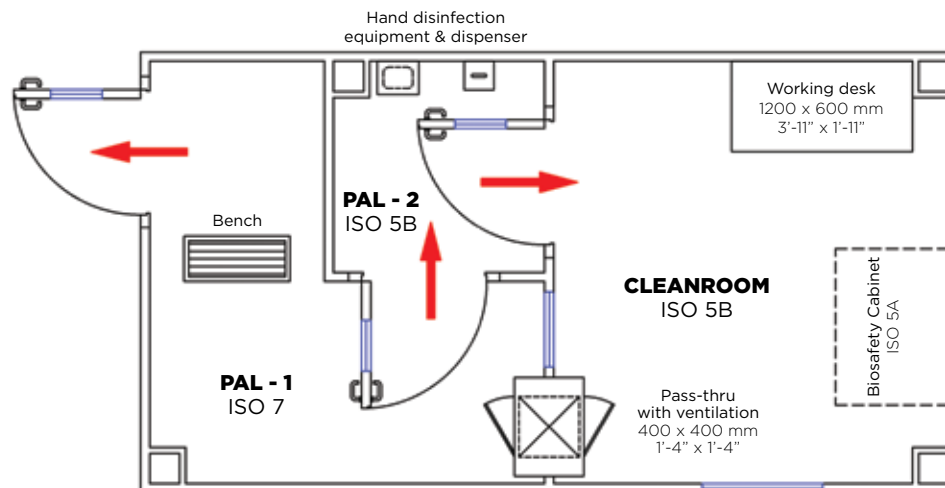
THE QUICKBOX FOR CYTOTOXICS

THE QUICK BOX FOR CYTOTOXICS is available in one standard size that can be individually adapted to each client's needs.

The handling, preparation, administration and disposal of cytotoxic agents represent a potential occupational hazard for the hospital employees and also for the patients.

Therefore, the cleanroom as well as the second airlock (PAL-2) provide ISO 5B class and have negative pressure gradient with respect to the remaining clean space. A solution suitable for high containment applications, such as the preparation of cytotoxics.

AIRPLAN provides microbiological containment safety cabinets or glove boxes upon request.



THE QUICK BOX #2.1

Exterior dimensions:

5,4 m x 2,9 m = 15,8 m²

17'-9" x 9'-6" = 170 ft²

Interior dimensions:

PAL 1 - ISO 7: (1,2 m x 1,5 m) + (2,6 m x 1,3 m) = 5,2 m²
 (3'-11" x 4'-11") + (8'-6" x 4'-3") = 56 ft²

PAL 2 - ISO 5B: 1,4 m x 1,4 m = 2,0 m²

4'-7" x 4'-7" = 22 ft²

Main room: 2,6 m x 2,8 m = 7,3 m²

8'-6" x 9'-2" // 79 ft²

Interior height:

2,2 m // 7'-3"



GENERAL SPECIFICATIONS

THE QUICK BOX FOR CYTOTOXICS

General room specifications

Area type	High risk / containment
Flow type	Not unidirectional
Cleanroom Class (ISO 14644)	ISO 5B
Airlock Class (ISO 14644)	ISO 7 + 5B

HVAC specifications

Suitable for biosafety cabinet	yes
Air movement concept	100% makeup air
Pressure gradient regime	negative
Air Extraction Unit	yes
Air extraction inside cleanroom	with HEPA filtration

Required utilities

Electricity supply	yes
Chilled water	yes*
Hot water	yes*
Drain	yes*

* only in case of hand washing sink needs

COMPLETE SALES KITS

BASIC PACK QUICK & EASY

PREMIUM PACK TEMPERATURE CONTROL INCL.

HVAC Units

Description	Air Ventilation Unit with medium M5 and fine F9 filter and fan. H14 HEPA terminal filtration / 100% Exhaust Air Unit. 4 air returns with dampers for differential pressure control.	Air Handling Unit with medium M5 and fine F9 filter, cooling and electrical heating coil and fan. H14 HEPA Terminal Filtration / 100% Exhaust Air Unit. 4 air returns with dampers for differential pressure control.
Airlocks	HEPA Filter for PAL-1: ISO 7 and PAL-2: ISO 5B	HEPA Filter for PAL-1: ISO 8 and PAL-2: ISO 5B
Room	HEPA Filter for ISO 5B	HEPA Filter for ISO 5B

HVAC Details

Air Extraction Units	+	+
HEPA filtration in exhaust air returns	+	+
Electric and control panel	+	+
Pressure adjusting damper	+	+
Pressure transmitters with display	optional	optional
Pressure manometers	optional	optional
DX cooling coil	-	+
Electrical heating coil	-	optional
Chilled water cooling coil	-	optional
Hot water heating coil	-	optional
Humidity control	-	optional

Accessories

Pass-thru (simple / with ventilation)	+ (simple)	+ (with ventilation)
Vinyl flooring	optional	+
Interlocking doors	optional	+
Interlocking doors with signal LEDs	optional	optional
SST Hand disinfection equipment	optional	+
SST Hand washer with sensor	optional	optional
SST Hand dryer	optional	optional
SST Dispenser for shoe covers, gloves, surgical hats, face-shield masks, etc.	optional	+ (2 pcs.)
Working desk	optional	+
SST Bench for shoe covers	optional	optional
Interphone	optional	optional

Don't depend on compounding centers and make sure that your formulations and instructions are followed accurately.

#3

THE QUICKBOX FOR FORMULATION & REPACKAGING

Hospitals are in constant need for customized portions of their medications. Cut back your costs and take control over your compounding process with an in-house solution.

THE QUICK BOX FOR FORMULATION & REPACKAGING is optimized for compounding oral medication and mixing substances - such as tablets, capsules, creams, ointments, gels, pastes and powders - in your own facility. This activity would include dilution, admixture, repackaging, reconstitution, and other manipulations of sterile products that require an ISO 8 compliant cleanroom with positive air pressure and preferably a separate airlock with ISO 8 as well.



This QUICK BOX comes in two standard sizes that can be optionally adapted to a customized size and may also be provided with a Pass-thru.

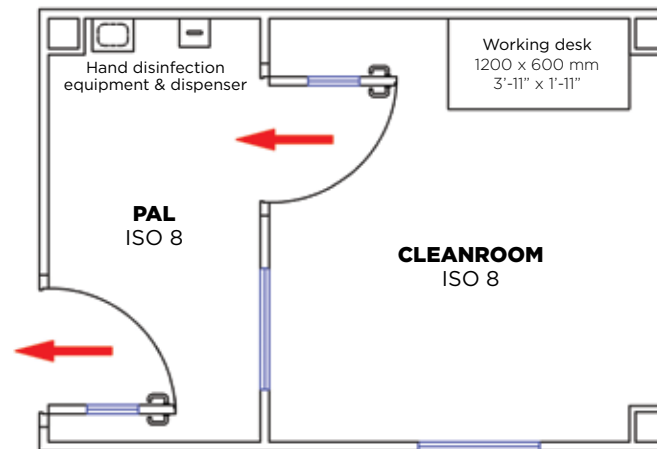
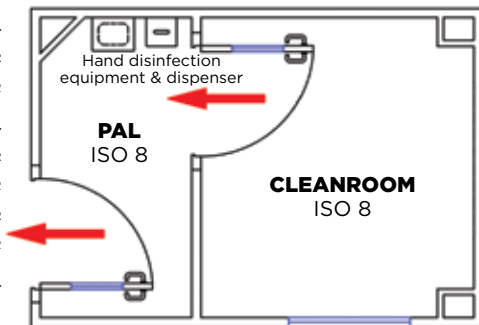
THE QUICK BOX #3.1

Exterior dimensions:
3,0 m x 2,1 m = 6,3 m²
9'-10" x 6'-11" = 67 ft²

Interior dimensions:
PAL: 1,0 m x 2,0 m = 2,0 m²
3'-3" x 6'-7" = 22 ft²

Main room: 1,8 m x 2,0 m = 3,6 m²
5'-11" x 6'-7" = 38 ft²

Interior height:
2,2 m // 7'-3"



THE QUICK BOX #3.2

Exterior dimensions:
4,2 m x 2,9 m = 12,3 m²
13'-9" x 9'-6" = 132 ft²

Interior dimensions:
PAL: 1,4 m x 2,8 m = 3,9 m²
4'-7" x 9'-2" = 42 ft²

Main room: 2,6 m x 2,8 m = 7,3 m²
8'-6" x 9'-2" = 79 ft²

Interior height:
2,2 m // 7'-3"

GENERAL SPECIFICATIONS

COMPLETE SALES KITS

THE QUICK BOX

FOR FORMULATION & REPACKAGING

General room specification

Area type	High risk area
Flow type	Not unidirectional
Cleanroom Class (ISO 14644)	ISO 8
Airlock Class (ISO 14644)	ISO 8

HVAC specifications

Suitable for horizontal laminar flow cabinet	no
Air movement concept	recirculation
Pressure gradient regime	positive
Air Extraction Unit	no
Air extraction inside cleanroom	no

Required utilities

Electrical supply	yes
Chilled water	yes*
Hot water	yes*
Drain	yes*

* only in case of hand washing sink needs

BASIC PACK

QUICK & EASY

PREMIUM PACK

TEMPERATURE CONTROL INCL.

HVAC Units

Description	Air Ventilation Unit with medium M5 and fine F9 filter and fan. H14 HEPA terminal filtration / Air Recirculation. 3 air returns with dampers for differential pressure control.	Air Handling Unit with medium M5 and fine F9 filter, cooling and electr. heat. coil and fan. H14 HEPA Terminal Filtration / Air Recirculation. 3 air returns with dampers for differential pressure control.
Airlock	HEPA Filter for ISO 8	HEPA Filter for ISO 8
Room	HEPA Filter for ISO 8	HEPA Filter for ISO 8

HVAC Details

Air Extraction Units	-	-
HEPA filtration in exhaust air returns	-	-
Electric and control panel	+	+
Pressure Adjusting Damper	+	+
Room pressure transmitters with display	optional	optional
Room pressure manometers	optional	optional
DX cooling coil	-	+
Electrical heating coil	-	optional
Chilled water cooling coil	-	optional
Hot water heating coil	-	optional
Humidity control	-	optional

Accessories

Pass-thru (simple / with ventilation)	-	-
Vinyl flooring	optional	+
Interlocking doors	optional	+
Interlocking doors with signal LEDs	optional	optional
SST Hand disinfection equipment	optional	+
SST Hand washer with remote	optional	optional
SST Hand dryer	optional	optional
SST Dispenser for shoe covers, gloves, surgical hats, face-shield masks, etc.	optional	+ (2 pcs.)
Working desk	optional	+
SST Bench for shoe covers	optional	optional
Interphone	optional	optional

The fastest growing therapy in hospitals and clinics is Cell Therapy. Are you prepared?

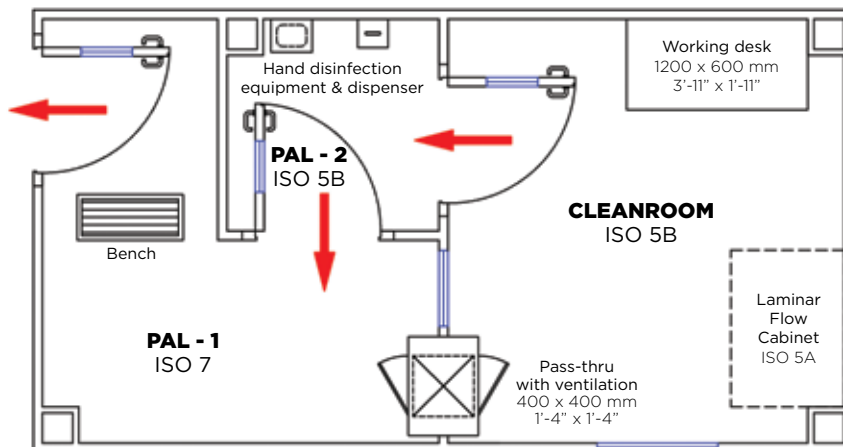
#4

THE QUICKBOX FOR CELL THERAPY

New medical treatments, such as cell therapy, represent new opportunities for hospitals. Personal therapy systems are advancing quickly, bringing a need for controlled environments inside the hospital with them.

If you are looking for an easy and affordable way to introduce advanced therapies at your hospital, THE QUICK BOX FOR CELL THERAPY provides you with a cGMP compliant cleanroom featuring an ISO 5B environment with two airlocks, one at ISO 7 Class and the one next to the cleanroom at ISO 5B Class. A laminar flow cabinet can be installed upon request. THE QUICK BOX FOR CELL THERAPY has its own air handling unit equipped with three filtration levels, including terminal HEPA filters.

This flexible cleanroom solution complies with all regulatory requirements for cell therapy, enabling hospitals to offer new personal therapies within only 60 days plus shipping.



THE QUICK BOX #4.0

Exterior dimensions:

5,4 m x 2,9 m = 15,8 m²

17'-9" x 9'-6" = 170 ft²

Interior dimensions:

PAL 1 - ISO 7: (1,2 m x 1,5 m) + (2,6 m x 1,3 m) = 5,2 m²

(3'-11" x 4'-11") + (8'-6" x 4'-3") = 56 ft²

PAL 2 - ISO 5B: 1,4 m x 1,4 m = 2,0 m²

4'-7" x 4'-7" = 22 ft²

Main room: 2,6 m x 2,8 m = 7,3 m²

8'-6" x 9'-2" = 79 ft²

Interior height:

2,2 m // 7'-3"

GENERAL SPECIFICATIONS

THE QUICK BOX FOR CELL THERAPY

General room specifications

Area type	High risk / containment
Flow type	Not unidirectional
Cleanroom Class (ISO 14644)	ISO 5B
Airlock Class (ISO 14644)	ISO 7 + 5B

HVAC specifications

Suitable for laminar flow cabinet	yes
Air movement concept	recirculation
Pressure gradient regime	positive
Air Extraction Unit	no
Air extraction inside cleanroom	no

Required utilities

Electricity supply	yes
Chilled water	yes*
Hot water	yes*
Drain	yes*

* only in case of hand washing sink needs

COMPLETE SALES KITS

BASIC PACK QUICK & EASY

PREMIUM PACK TEMPERATURE CONTROL INCL.

HVAC Units

Description	Air Ventilation Unit with medium M5 and fine F9 filter and fan. H14 HEPA terminal filtration / Air Recirculation. 4 air returns with dampers for differential pressure control.	Air Handling Unit with medium M5 and fine F9 filter, cooling and electrical heating coil and fan. H14 HEPA Terminal Filtration / Air Recirculation. 4 air returns with dampers for differential pressure control.
Airlock	HEPA Filter for PAL-1: ISO 7 and PAL-2: ISO 5B	HEPA Filter for PAL-1: ISO 7 and PAL-2: ISO 5B
Room	HEPA Filter for ISO 5B	HEPA Filter for ISO 5B

HVAC Details

Air Extraction Units	-	-
HEPA filtration in exhaust air returns	-	-
Electric and control panel	+	+
Pressure adjusting damper	+	+
Room pressure transmitters with display	optional	optional
Room pressure manometers	optional	optional
DX cooling coil	-	+
Electrical heating coil	-	optional
Chilled water cooling coil	-	optional
Hot water heating coil	-	optional
Humidity control	-	optional

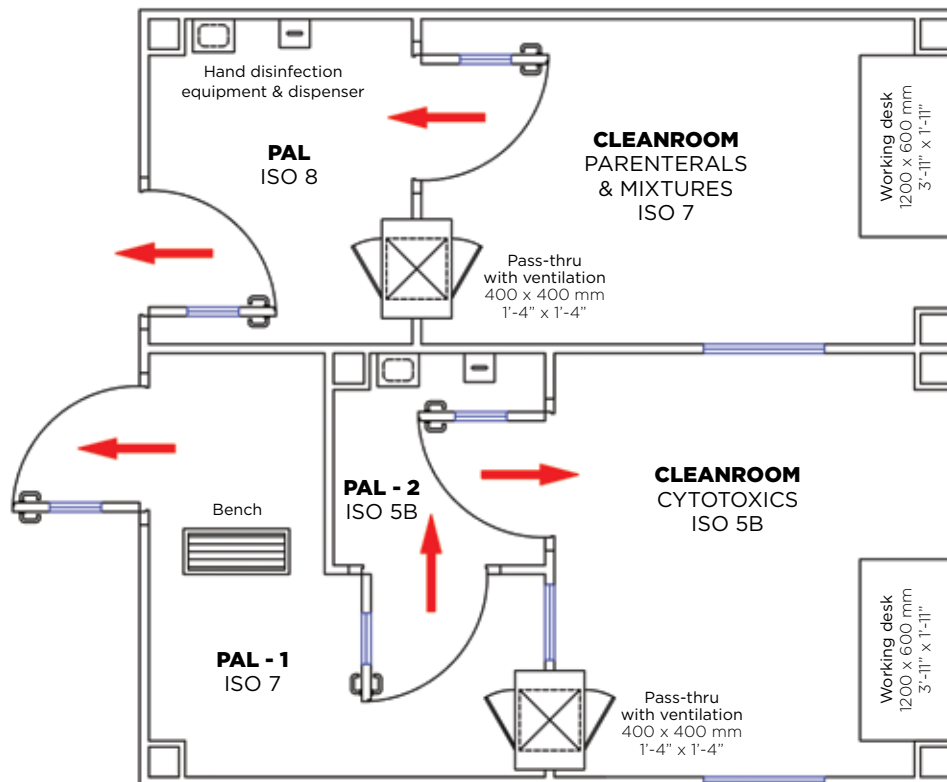
Accessories

Pass-thru (simple / with ventilation)	+ (simple)	+ (with ventilation)
Vinyl flooring	optional	+
Interlocking doors	optional	+
Interlocking doors with signal LEDs	optional	optional
SST Hand disinfection equipment	optional	+
SST Hand washer with sensor	optional	optional
SST Hand dryer	optional	optional
SST Dispenser for shoe covers, gloves, surgical hats, face-shield masks, etc.	optional	+ (2 pcs.)
Working desk	optional	+
SST Bench for shoe covers	optional	optional
Interphone	optional	+

Prepared for everything. Choose a combination of two or more cleanroom types for your hospital.

#5

THE QUICKBOX COMBINATIONS OF CLEANROOMS



This example shows how to combine two different cleanroom concepts into one.

According to the possibilities in terms of space and utilities and your requirements, you can choose any of the previously presented concepts and combine them.

THE QUICK BOX #5.1 PARENTERALS & MIXTURES / CYTOTOXICS

Exterior dimensions:
5,4 m x 5,1 m = 27,8 m² // 17'-9" x 16'-9" = 300 ft²

Interior dimensions:
PARENTERALS & MIXTURES
PAL - ISO 8: 1,7 m x 2,2 m = 3,7 m² // 5'-7" x 7'-3" = 40 ft²
Main room - ISO 7: 3,5 m x 2,6 m = 7,5 m² // 11'-6" x 8'-6" = 81 ft²

CYTOTOXICS
PAL 1 - ISO 7: (1,2 m x 1,5 m) + (2,6 m x 1,3 m) = 5,2 m²
// (3'-11" x 4'-11") + (8'-6" x 4'-3") = 56 ft²
PAL 2 - ISO 5B: 1,4 m x 1,4 m = 2,0 m² // 4'-7" x 4'-7" = 22 ft²
Main room - ISO 5B: 2,6 m x 2,8 m = 7,3 m² // 8'-6" x 9'-2" = 79 ft²

The smallest and simplest QUICK BOX
- customized for pharmacies.



#5F

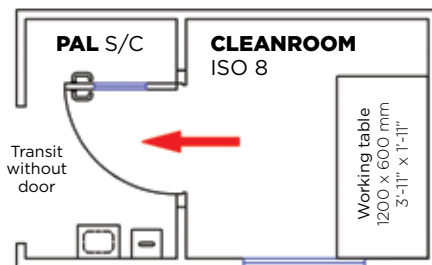
THE QUICK BOX PHARMACY EDITION

Compounding pharmacies have to comply with the same regulations and cGMPs that apply to pharmaceutical industry's cleanrooms.

Legislation that controls the preparation of formulations pharmacies has recently toughened both in Europe and in the United States.

New laws define the necessary conditions to prepare parenteral injections or mixtures, and which regulations must be met both by the facility and the preparation processes. Therefore, pharmacies are required to prepare all their mixtures in cleanroom environments that comply with same FDA regulations applicable to large-scale pharmaceutical production facilities, as well as to follow the recommendations listed in the cGMPs and effective hospital regulations.

THE QUICK BOX - PHARMACY EDITION allows you to quickly and easily install a clean environment in a minimum space of 4.73 m² (51 ft²) and in compliance with all regulations - no investment in civil engineering needed. It is optimized for compounding oral medication and mixing substances - such as tablets, capsules, creams, ointments, gels, pastes and powders, among others. This ISO 8 class QUICK BOX offers you the environment required for dilution, mixture and repackaging tasks and can be complemented with accessories chosen by the customer.



THE QUICK BOX #3.3

Exterior dimensions:

2,78 m x 1,7 m = 4,73 m² // 9'-1" x 5'-7" = 51 ft²

Interior dimensions:

PAL: 1,0 m x 1,58 m = 1,58 m² // 3'-3" x 5'-2" = 17 ft²

Main room: 1,6 m x 1,58 m = 2,53 m² // 5'-3" x 5'-2" = 27 ft²

Interior height:

2,2 m // 7'-3"

THE QUICK BOX #5F - PHARMACY EDITION is based on THE QUICK BOX #3 FOR FORMULATION AND REPACKAGING.

Find general specifications, requirements and pack proposals on page 15, bearing in mind that THE QUICK BOX #5F's airlock comes without ISO classification.



More?

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