

# **Futura<sup>(TM)</sup>**

**clean environment system.**

**sys**  
technologies  
Clean Environment Systems

- **The FUTURA system is a breakthrough Technology that protecting the patient from bacteriological infections.**

- The futura system was installed at the “Rambam” Medical Center and for the first time patients without a chance underwent a rapid rehabilitation process, including a significant reduction in antibiotics and at a significantly shorter time than planned.
- The futura system is owned by **SYS TECHNOLOGIES** Which are three partners:  
Dr. Shalom Zilbeshmidet.  
Mr. Yossi Zur.  
Mr. Sagi Unger.
- The Futura system is a system that protected by the patent law and can not be copied.



**Futura**<sup>™</sup>

# Dynamic system for dynamic conditions

SYS Technologies Ltd.  
proudly present its new and innovative  
development the

# Futura

<sup>™</sup>

clean environment system.

# Futura™



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20/04/2018

## Futura™

Is a dynamic system, positive air pressure regulated, for creating clean environment, under dynamic conditions -

In other words, Futura™ system “knows” how to handle and actively respond to changing situations and conditions (e.g. - entry of people into the system interior, movements and actions within the system interior or external changes affecting the system interior).

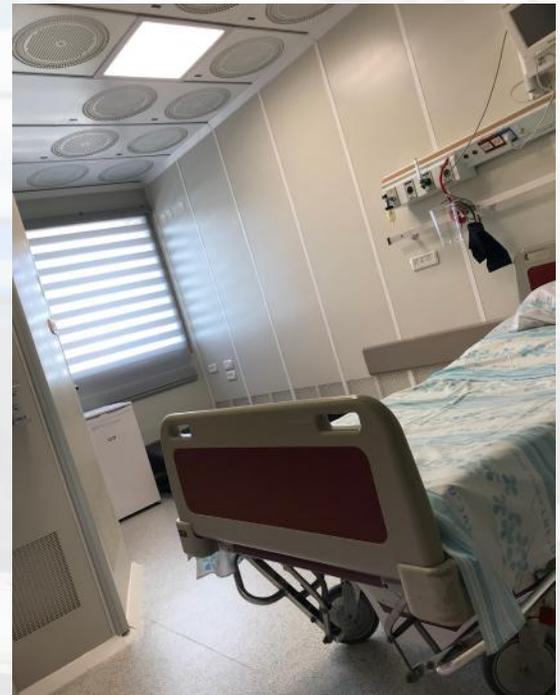


# Futura<sup>™</sup>



## **Futura**<sup>™</sup>

Was designed and developed with the aim to bring significant reduction of bacteria and fungal spores quantities within the unit, this by using paraphernal suction system, designed effective and rapid removal of particles from the system interior, combined with anti-bacterial cladding.



## Blowers Low Speed

High Speed



1200

1500

1500

1200

1200

1200

1200

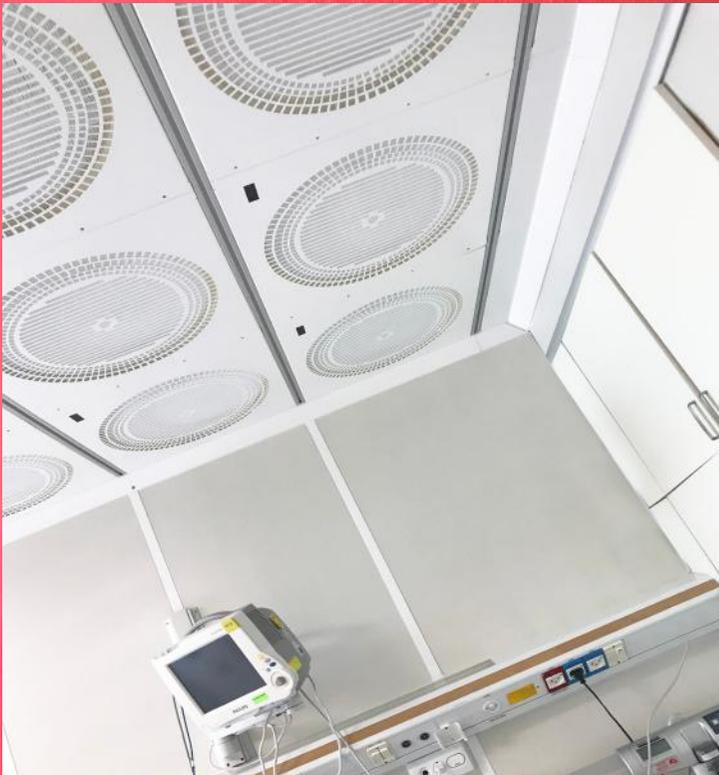
1200

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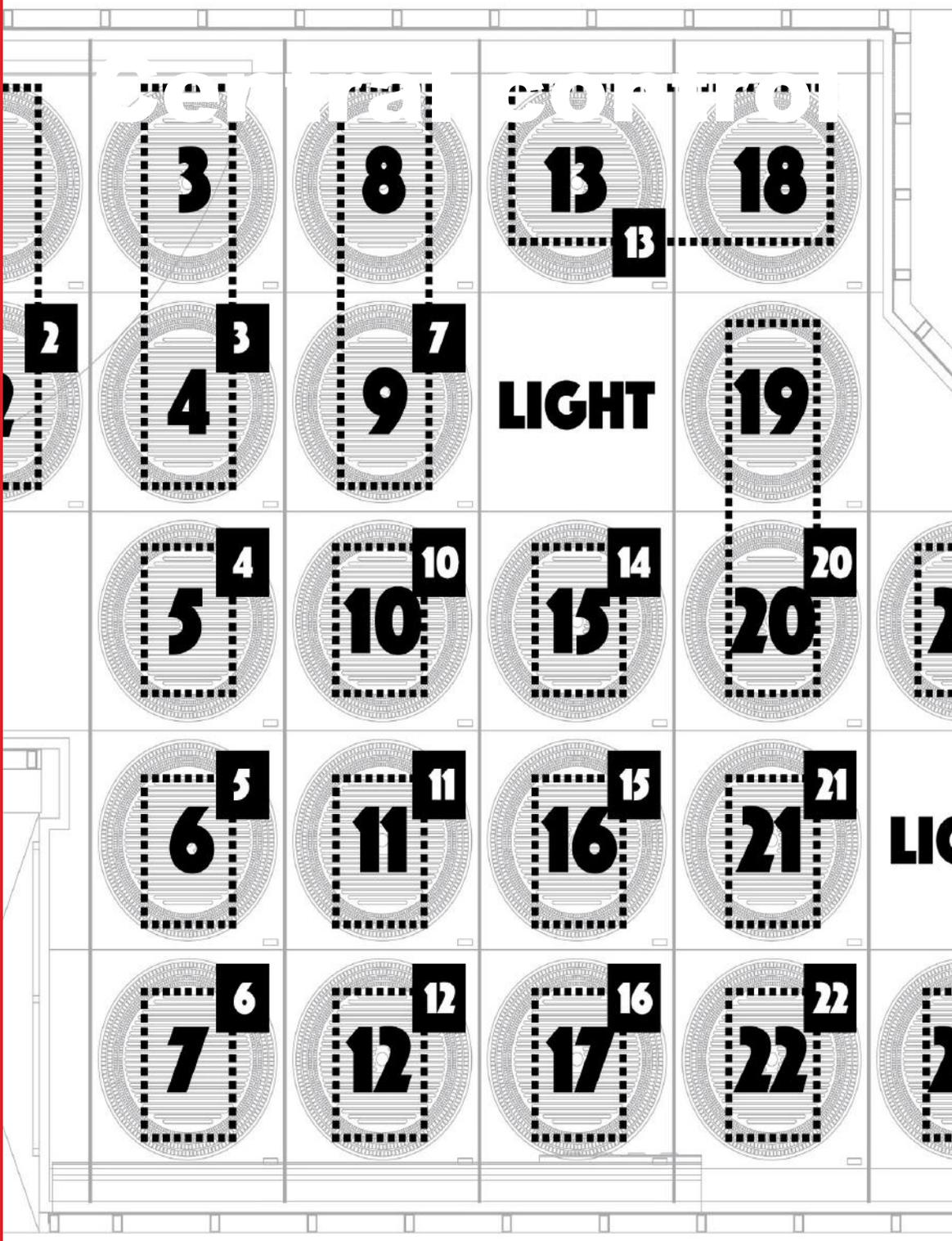


## Futura<sup>™</sup>

Allows its users to fully control, monitor and adjust the cleanliness level within the system,

at any given moment – and so to fix and determine the exact cleanliness level according to its needs .





## Futura™

Central control Futura™ consists of a central control unit and Neo Futura™, independent & controlled filtration units. The Futura™ central control unit acts as the "brain" of the entire system, while, at the same time, each Neo Futura™ filtration unit serves both as the executive arm of the "brain", as well as sensing units transferring inputs to the "brain".





# Futura<sup>™</sup>

Each Neo Futura<sup>™</sup> filtration unit includes independent blower, fast exchange modular filter (that can be modified and characterized according to the user requirements) and sensing and detection technologies, all allowing the independent operation of each Neo Futura<sup>™</sup> filtration unit.

The main control unit displays the Futura<sup>™</sup> system data at any given time and allows the user to control the operation of the Futura<sup>™</sup> system - whether by setting parameters according to specific requirements or by choosing one of a predefined operation profiles.

## Simple in mind Simple in operation

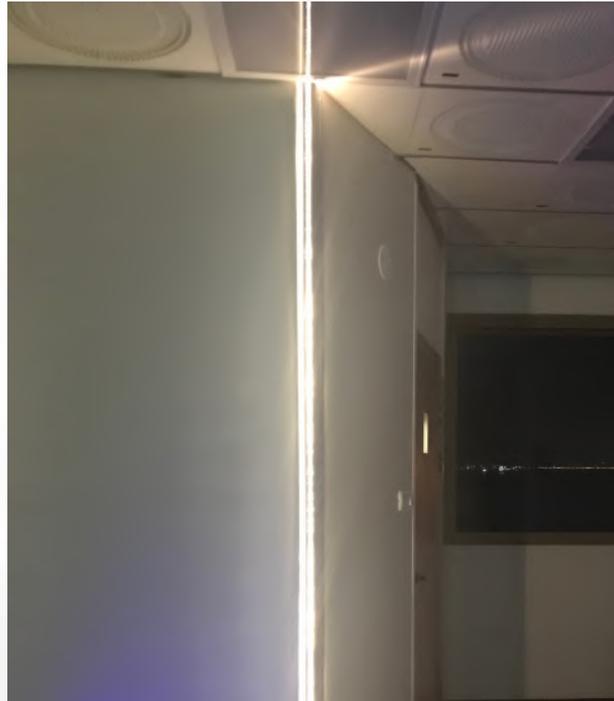
The **Neo Futura<sup>™</sup>** filtration units are mounted on a designated Floating ceiling, which is part of Futura<sup>™</sup> system, under the existing ceiling of the room. Each Neo Futura<sup>™</sup> filtration unit weighs about 7 Kg - allowing for quick and simple plug & play installation over existing infrastructures.

Futura<sup>™</sup> system can be set up and implemented, as a standalone system, at any facility, at any time, regardless of existing infrastructures and without disruption to the existing infrastructures.



**Futura<sup>TM</sup>** System can be set up and implemented, as a standalone system, at any facility, at any time, regardless of existing infrastructures and without disruption to the existing infrastructures.

Using the Futura<sup>TM</sup> system , enables to transforms any room into a controlled and monitored clean environment.



**Futura<sup>TM</sup>** Is a modular system and can be adjusted to the specific needs of each client requirements – e.g. antibacterial floor coating, antibacterial walls coatings, return-air ducts, interaction with the client existing air conditioning systems (including control), partitioning of the systems interior (using detached partitions attached to the designated ceiling) to create clean indoor spaces in a matter that allows to set the room occupancy physical separation between hospital beds without damaging its cleanliness.