



NAYA
L I F E S C I E N C E S

**PREMIER
MODULAR
PREFABRICATED
CLEANROOM
SOLUTIONS**

www.naya-ls.com

The background of the top half of the page is a dark, teal-tinted photograph of a cleanroom hallway. The hallway is long and narrow, with white walls and ceiling. On the left, there are several glass doors leading into cleanroom rooms. On the right, there are more glass doors and a wall-mounted sign with a biohazard symbol and the number '90'. The floor is highly reflective, showing the overhead lights. The overall atmosphere is clean, sterile, and professional.

NAYA LIFE SCIENCES

WORK THAT MATTERS

Pooling resources from more than three decades of experience of high-quality design and manufacturing in cleanrooms, NAYA Life Sciences is a leader in the supply of premier contamination control solutions for life science cleanrooms worldwide.

NAYA LS is a joint venture between PPG Cleanrooms, a global provider of turnkey cleanroom solutions and Elomatic OY, a leading group of professional engineers and consultants, consistently developing top innovations and technologies for customers.

We innovate, design and build modular cleanrooms for the most demanding technological processes. By choosing the best materials, consistently ensuring precise workmanship and quality installation in our cleanrooms, we enable any company or research institution to accelerate breakthrough technologies.

NAYA Modular Cleanrooms, our prefabricated turnkey cleanroom solutions are flexible, mobile and scalable for all cleanroom requirements.

TRANSFORM YOUR PRODUCTION WITH **NAYA MODULAR CLEANROOMS**

NAYA modular units come either as standard modules or they can be custom built and configured to the client's specific needs to create a safe and affordable working environment for prime efficiency and maximum productivity.

At NAYA Life Sciences we have developed the NAYA Modular Cleanroom, our prefabricated turnkey cleanroom solution that is flexible, mobile and scalable for any cleanroom needs. Using innovation to overcome contamination control challenges, we have created a new generation of modular and scalable cleanrooms that set a new benchmark in the industry.

Our modular cleanrooms are easy to build, adjust and update, to ensure the best air pollution control. They are also extremely flexible and reduce overall costs by reducing design, engineering and construction time – they can be designed and produced in just weeks!





Scalable



**Flexible
re-usage
of space**



**On-budget
& on-time**



**Rapid
manufacturing
& installation**



**Equipment
integration**



**On-site
assembly**



**Fully
comissioned
system**



**Innovative
solutions**



**Global
shipment
options**



**Risk
management**



Energy-efficient



**Waste
reduction**

DESIGN

**Less time to design.
Less costs to build.
More flexibility.**

The innovative design of our Modular Cleanrooms allows for enhanced technological usage and flexible re-usage of space - it maximises the ability to reconfigure manufacturing process rapidly and ensure availability of space for future requirements. It can easily adapt to any change caused by internal or external factors while maintaining efficiency in responding to current needs.

Designed as a self-contained, modular unit that integrates all mechanical and architectural requirements of a standard cleanroom, it allows for enhanced technological usage and flexible re-usage of space. All specific process-related demands that determine the blueprint of a facility can be integrated into NAYA. It is specifically conceived for easy, on-site installation in a variety of environments, fully compliant with EU GMP and FDA requirements.

All designs are conceived to provide the needed flexibility for adapting to various process and capacity changes, including state-of-the-art single-use technologies. They come with our project design service and our know-how transfer, in line with any process and site specification.

OPTIONS & **MATERIALS**

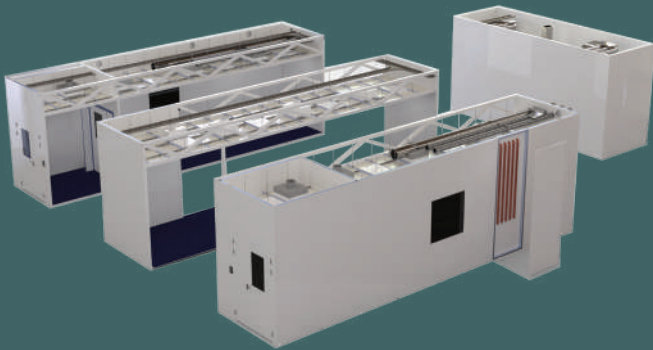
Standard & Custom options available

A variety of sizes and surfaces are available to meet process or product needs.

In-house manufactured MultiWall Partition System: **solid and glass panels.**

Easy integration of essential utilities'

infrastructure into the cleanroom's panels: air returns, power outlets, light switches, network cables, gas-based utilities, compressed air, purified water or potentially any other specific use requested.



MODULAR CONCEPT SOLUTIONS

Our Modular Concept Solutions are project-based processing cleanroom clusters that meet the latest ISO Classification standards for advanced manufacturing. Pre-fabricated and pre-engineered on delivery, they are one of the latest and most innovative cleanroom solutions available.

Our Modular Concept Solutions are a fully designed, delivered and commissioned system with an end-to-service, including full project management and maintenance.



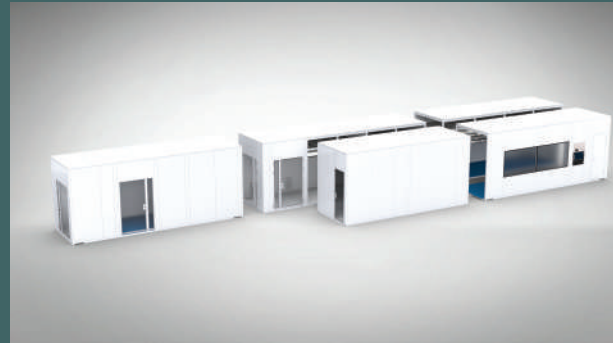
- ✓ Designed for larger scale areas and infrastructures - ballroom or unit operation structures
- ✓ Suitable for an array of uses - biotechnology, life sciences, pharmaceuticals, medical, research institutions.
- ✓ Flexible to upgrade the cleanliness level of the production area or to expand the area
- ✓ Enable production of a reliable and consistent product that is predictable in performance by creating controlled manufacturing conditions.

STANDARD MODULES

Our Standard Modules come in a variety of sizes, each with bidirectional and unidirectional flow options. They are designed to deliver quality, while meeting at the same time urgent critical demands of the pharmaceutical, healthcare or biotechnology industries.



These modules are fully designed, installed and commissioned in as little as eight weeks, making them an excellent time-saving and cost-effective cleanroom solution for fast-moving industries.



Standard options and optional extras are available, to deliver efficient layouts that meet process or product needs.

- ✓ Precision-engineered, using high quality modular components to create controlled, ISO-compliant environments and performance, achieving ISO Classes 5, 6, 7, 8, according to ISO 14644-1:2015.

QUALITY ASSURANCE AND COMMISSIONING

Complete qualification and commissioning of the cleanrooms is provided on-site by our professional validation team.

Our modular cleanrooms are a fully commissioned system. Qualification time and related costs are significantly reduced, leading to a maximised value of the product patent life. Prior to delivery, we test every component of NAYA Modular Cleanrooms with a Factory Acceptance Test and after delivery with a Site Acceptance Test.



MANUFACTURING

Our 35.000 m² facility produces all components for our modular cleanrooms, employing over 100 experienced technical and administrative staff. It is fully automated with the latest equipment and technology.



35.000 m²
facility



100
experienced
technicians



Once manufactured, we package and load the modules and we transport them directly on-site. Each component is packaged almost complete, thus only minimal installation is required.

PROJECT EXAMPLES





L I F E S C I E N C E S

DELIVERING PREMIER
CONTAMINATION CONTROL
SOLUTIONS.

BECAUSE WE CARE.

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