## TELMOVEUL



IS COMMITED TO CREATING IDEAL WORKING CONDITIONS WITH MINIMAL COSTS AND DEVELOPMENT OF PRODUCTS THAT MEET RIGOROUS REQUIREMENTS OF TODAY'S QUALITY AND ENERGY EFFICIENCY PRACTICES.

## ABOUT US

## **OVERVIEW**

FAMILY COMPANY

Founded **1993** 

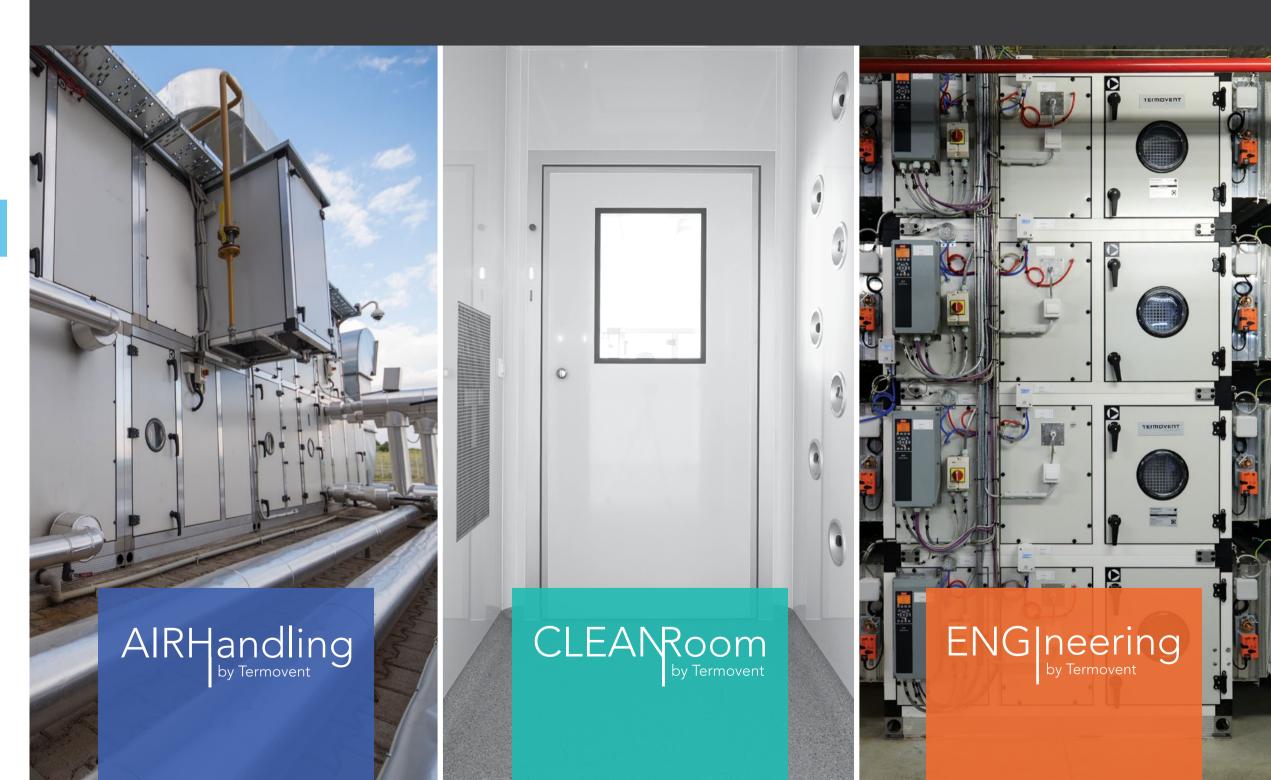
Founder DUŠAN PEROVIĆ

CEO: **Andrija Perović** 

HQ **Belgrade Serbia** 

Production facility: Kladovo, Serbia

## **OUR DIVISIONS**



## **ABOUT US**

We are committed to creating ideal working conditions with minimal costs and development of products that meet rigorous requirements of today's quality and energy efficiency practices. While being dedicated to principles of sustainable development, we are striving for the future development of our company.

In addition to manufacturing and installation of Air Handling Units, Termovent's production range includes design, production and installation of a modular panel system used in the field of cleanroom technology (GMP classes A, B, C and D). Termovent's dedication to providing a full and complete support throughout all phases of project realization, resulted in the development of Termovent's cleanroom engineering department. Along with the extensive expertise of our engineering personnel, we possess all relevant design, production and installation licenses. Finally, our engineers are more than familiar and comply with all valid and mandatory GMP norms and guidelines, references and standards in the field of cleanroom technologies.



For more than two decades of business practice, Termovent has successfully carried out hundreds of projects all over the world. While consistently following industry regulations and respecting clients' business needs, agreed project prices, scope and delivery dates, Termovent has established business relationships and has been

fostering cooperation with the world's most famous pharmaceutical companies such as: Pfizer Global Manufacturing, Purna Pharmaceuticals, Pharmasyntez, Delpharm, Dishman Netherlands, Tube Souples, Zoetis, Bilthoven Biologicals, Hemofarm, Actavis, Bionika Pharmaceuticals, Wellpharma Medical Solutions.

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## HISTORY

1993

Termovent was founded

2004

First CleanRoom Engineering project

2011

Signed first business contract with Pfizer Global Manufacturing

2015

Started with CleanRoom manufacturing

2019

Industry 4.0 ready

1995

Started with AirHandlingUnits manufacturing

2005

CE certified and first project in EU

2013

EAC certified and first project in Russia

2018

Eurovent certified AirHandlingUnits WITH

26

YEARS OF EXPERIENCE

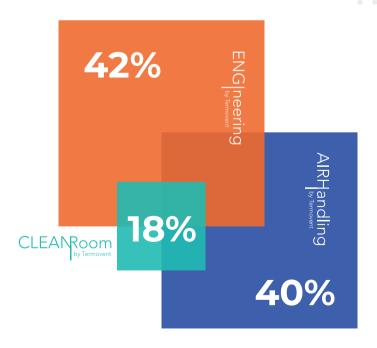
20
COUNTRIES AROUND THE WORLD





**83%**of revenue generated in foregin markets

### **SALES**





Modular Air Handling Units Excellent characteristics Thermal Bridging: TB2 Thermal Transmittance: T3 Air Density: L1 (M) Casing Deflection: D1

Filter-Bypass-Leakage: F9





Our core production is dedicated to manufacturing and installation of central air preparation systems – Termovent Air Handling Units (AHUs).

Widespread experience in manufacturing and designing HVAC equipment resulted in range of products created to successfully address various air conditioning, ventilation and air distribution problems. Termovent AHUs can cover various air flow rates ranging from 800 to 100,000 m3/h. The AHUs can be produced in more than 30 standardized sizes, with high levels of customization to satisfy customer requirements and project specifics. To address HVAC industry demands, we developed following range of air handling units for central air preparation:

- Standard std | pro
- Swimming pools hydra | pro
- Hygienic hygiene | pro
- High energy efficiency energy | pro

Our AHUs are manufactured in compliance with a group of harmonized ISO standards, as well as European Union (EU) and Eurasian Customs Union (EAC) machinery directives and conform all rules regarding CE and EAC markings.

Standard - std | pro and Swimming pools - hydra | pro units are ECC Eurovent certified. These Air Handling Units have excellent thermodynamic characteristics and casing strength parameters.

Quick delivery, easy installation and simple maintenance make Termovent Air Handling Units an excellent choice in designing and implementation of air preparation and processing systems to be applied in hospitals, pharmaceutical, nanotechnology, processing, food and automotive industry, as well as in commercial facilities and swimming pools.



std pro



30 sizes

hydra pro

**34** sizes

hydra | pro hydra | pro Compact models







energy pro



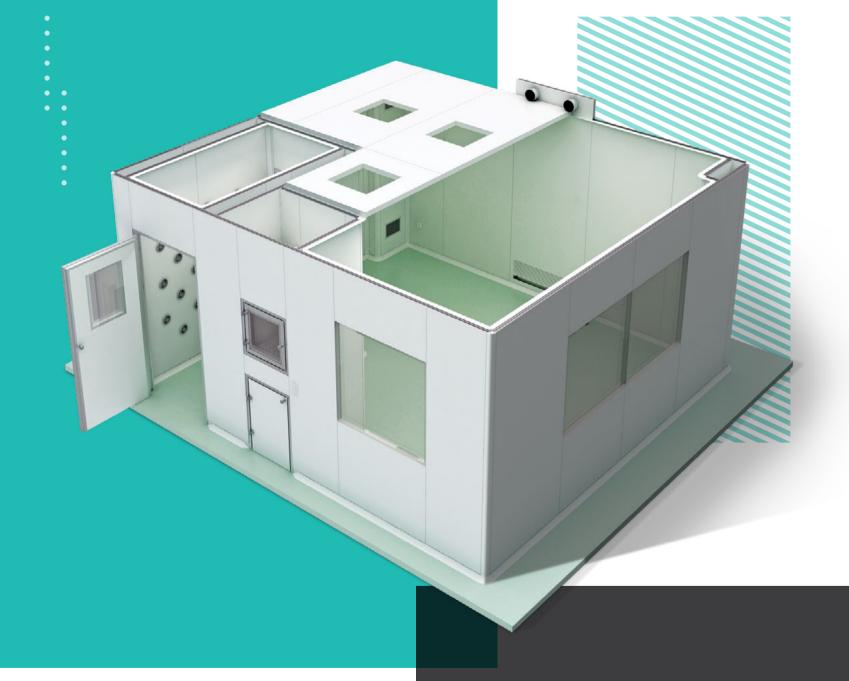
energy|pro energy|pro Adiabatic models





Modular panel design
High quality certified
ISO 13485: 2016 in accordance with ISO 14644-4
The whole system complies with the GMP and FDA guidelines
Designed for use in clanroom classes from ISO 9 to ISO 1





Cleanroom is an environment that has a controlled level of contamination that is specified by the number of particles per cubic meter for the appropriate particle size.

Termovent specializes in production of modular panel systems, which are used in the field of clean room technology.

The whole system is aligned with GMP and FDA directives, as well as ISO 14644 standard. Compliance with applicable regulations in the field of clean room technology enables its use in rooms from ISO 9 to ISO 1 class (GMP classes A, B, C and D).

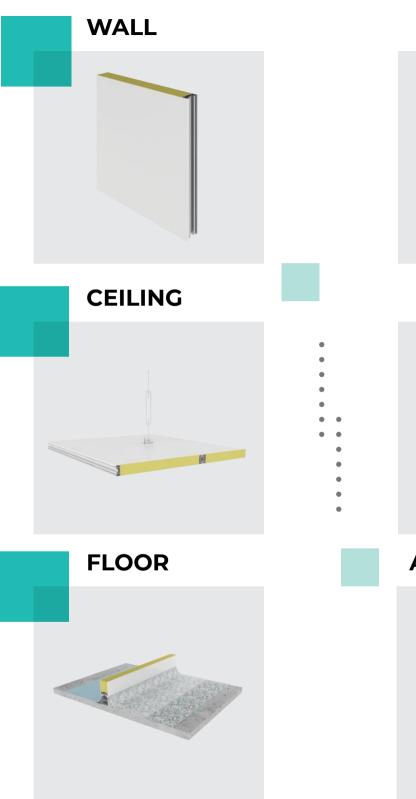
Modular component systems are easily integrated with all other systems. By combining a variety of materials in panel production for cleanrooms, Termovent company offers a vast range of use in:

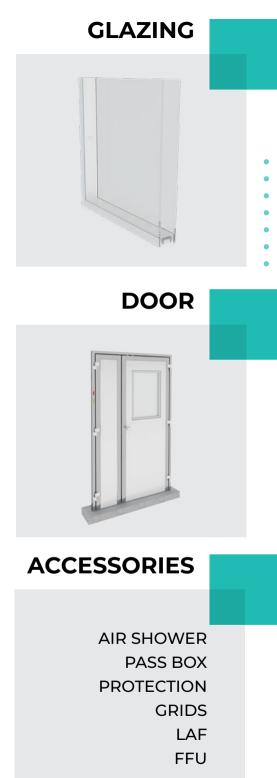
- Pharmaceutical industry
- Micro-electronics
- Chemical industry
- Food industry
- Health facilities
- Laboratories etc

A team of young experts that is responsible for cleanrooms development consists of a group of people that participated in international competitions throughout Europe and Asia, and with their experience, hard work and devotion they are responsible for the great satisfaction of our partners.

Through the pursuit of modernization and contemporaneous business, the entire production and design system is based on automation and BiM design.

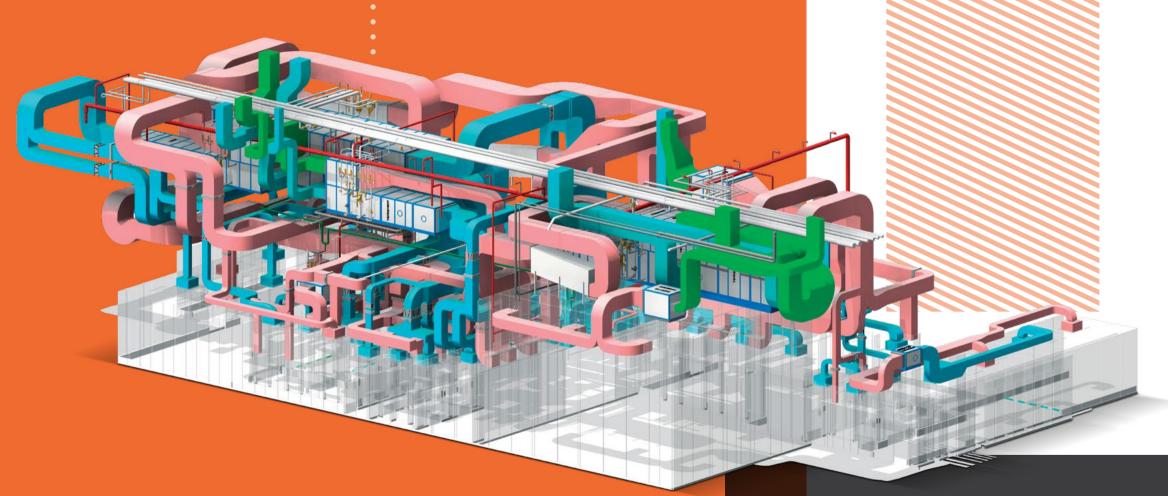






# ENG neering by Termovent

HVAC
Black Utilities
Clean Piping
BMS / EMS
Cleanrooms
Validation





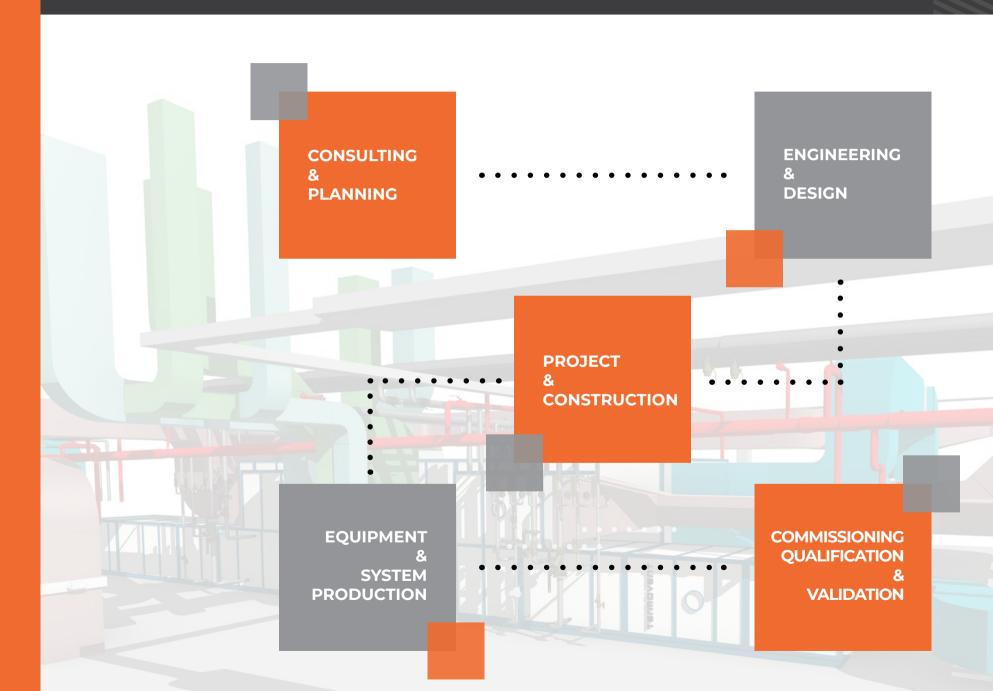
Great knowledge and experience, as well as a high level of quality and reliability of HVAC (Heating, Ventilation, Air Conditioning), BMS (Building Management System) and EMS (Environmental Monitoring System) applications (GMP classes A, B, C and D) have led Termovent to become a strategic partner of the world's leading drug manufacturers.

Clean rooms are spaces with a fully controlled environment. Airborne particulate matter control is not achieved only by air filtration. Clean rooms must be designed and used in a way to minimize the insertion, generation and retention of particles inside the room, while other relevant parameters (temperature, humidity and air pressure) must be controlled within the permitted limits.

Our projects provide the achievement of the required class of air cleanliness in a given room, in accordance with the applicable GMP and ISO standards, where, in addition to air filtration, a constant number of air changes is required, maintaining a pressure cascade between adjacent rooms, temperature and humidity of the air at narrow borders speed and type of air flow, as well as the way of washing the room.



### FROM IDEA TO REALIZATION



#### **QUALITY MANAGEMENT**

Certificates as the Guarantee of Quality As Termovent is fully committed to meet the prospects' requirements in terms of quality, environmental protection and safety, we set high standards which represent the cornerstone of our operations. For achieving set goals, our employees continuously participate in process of improvement and optimization of products and services. Success of this approach is confirmed by numerous certificates held by Termovent, which guarantee the highest standards to our customers

### **AWARDS**



Superbrands Serbia Award 2018

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Silver Gazelle of Serbia



Honored by EY
Entrepreneur of the Year
2016



Belgrade Winner 2016



EY Entrepreneur of the Year in Serbia for 2015



Step in the Future Tehnical Fair Belgrade 2010



Step in the Future Tehnical Fair Belgrade 2006

## **CERTIFICATES**

### Ter

#### **Eurovent Certita Certification**

Termovent Komerc d.o.o. participates in the ECP programme for Air Handling Units (AHU). Check ongoing validity of certificate: www.eurovent-certification.com





#### ISO 13485:2016

Certification body SIQ confirmed that Termovent introduced Quality Management System in accordance with ISO 13485:2016 in the field of Planning, Design, Manufacturing, and Installation of Termovent clean room panels in accordance with ISO 14644-4 standard.



#### ISO 9001: 2015

Certification body TUV SUD Management Service GmbH confirmed that Termovent established and applied Quality Management System in accordance with ISO 9001:2015 standard for Design, Sales, Manufacturing, Assembly and Installation of HVAC equipment and Cleanrooms.



#### ISO 14001:2015

Certification body CERTIND confirmed that Termovent introduced Environmental Management System in accordance with ISO 14001:2015 in the field of manufacturing, installation and automation of air conditioning, heating and cooling system.



#### **Expert conclusion**

"Scientific institute of Child Health" confirms that Termovent panels are in accordance with hygienic standards and sanitary regulations of the Eurasian Customs Union (Russia, Belarus and Kazakhstan).



#### OHSAS 18001:2007

Certification body CERTIND confirmed that Termovent introduced Health and Safety Management System in accordance with OHSAS 18001/2007 in the field of manufacturing, installation and automation of air conditioning, heating and cooling equipment and systems.



#### **CE marking for Termovent AHUs**

Termovent Air handling Units hold CE Marking of Conformity to Machinery Directive 2006|42|EC Annex II, Point A. In addition, Termovent AHUs are designed and produced according to set of harmonized standards: EN ISO 12100:2010, EN ISO 12100:2010, EN ISO 13850:2015, EN 1037:1995+ A1:2008, EN ISO 14120:2015, EN 60204-1:2006/ A1:2009 and EN 61000-6-2:2005/AC:2005



#### **Preparation of Validation Documents**

Termovent's engineering team is trained and certified for preparation of validation documentation in accordance with GMP requirements: validation plan (VP), project design qualification (DQ), functional design specification (FDS), hardware design specification (HDS), software design specification (SDS), protocols with attachments (IQ,OQ).



#### Voluntary certification

Confirmation that the quality, safety, and functionality of Termovent panels for the construction of clean rooms are in accordance with Russian and international standards.



#### Hygienic Conformity Certificate

The National Service for Consumer Rights Protection and Human Welfare issued a certificate which confirms that Termovent air handling units are in conformity to the hygienic standards and sanitary regulations of the Eurasian Customs Union member countries (Russia, Belarus and Kazakhstan).



EAC marking for Termovent AHUs



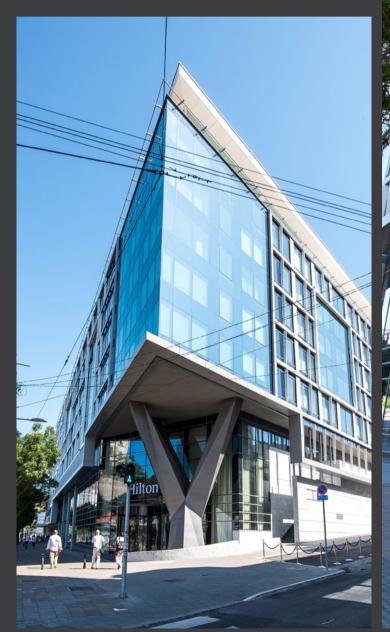
#### AAA Creditworthiness Rating

Bisnode Serbia awards Golden certificate of Creditworthiness Rating.

## REFERENCE LIST

## HOTEL HILTON

Belgrade, Serbia















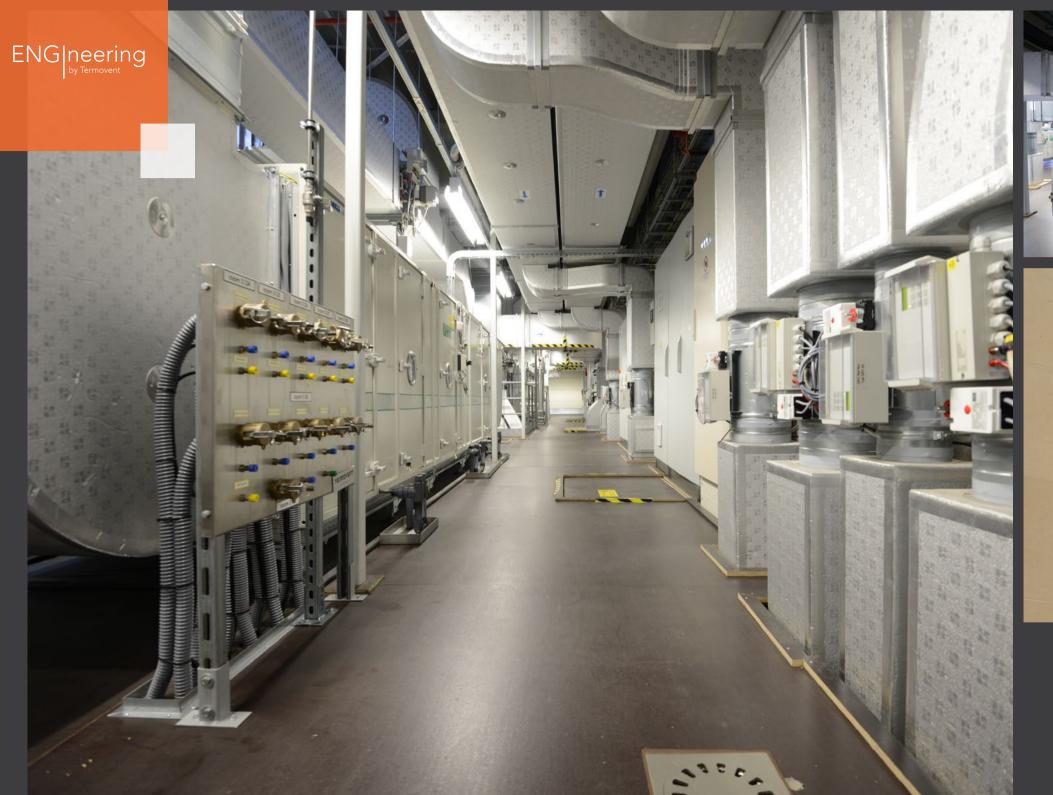
HOTEL MARRIOTT Skopje, N. Macedonia





**GRANDMEDICA**Novokuznetsk, Russia









## PFIZER GLOBAL MANUFACTURING Puurs, Belgium

## ACIBADEM

Skopje, N. Macedonia







## **EVALAR**Biysk, Russia









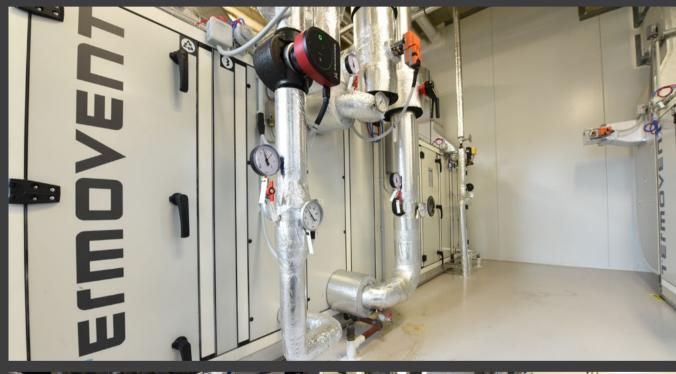




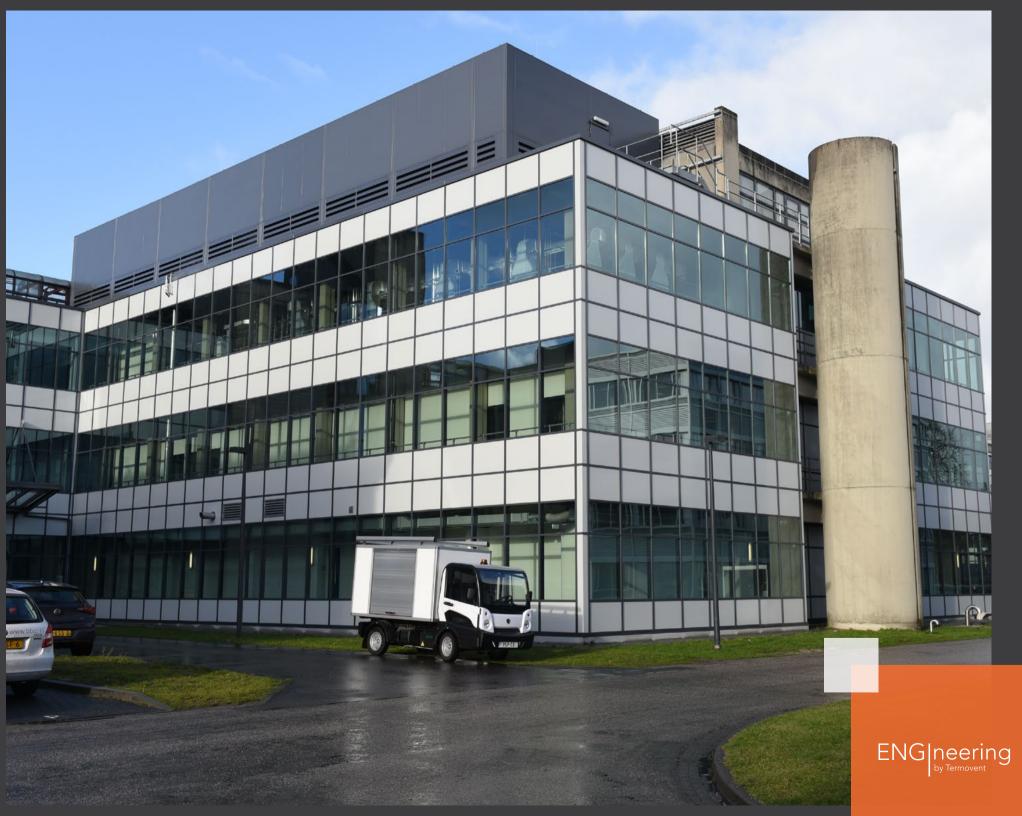


## BILTHOVEN BIOLOGICALS

Bilthoven, Netherlands







## **SERUM INSTITUTE OF INDIA**

Pune, India















FARMASINTEZ Bratsk, Russia

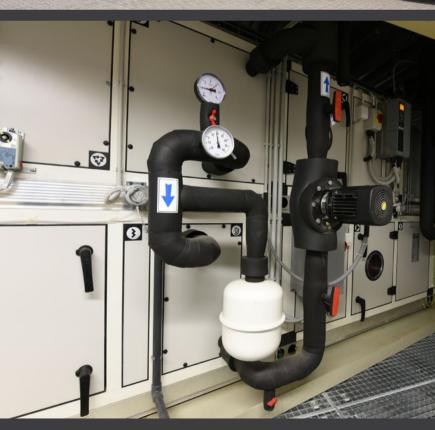


**PURNA PHARMA** 

Puurs, Belgium









## ARC AUTOMOTIVE

Skopje, N. Macedonia





**KATOD** Novosibirsk, Russia











## **DISHMAN LABORATORIES**

Veenendaal, Netherlands

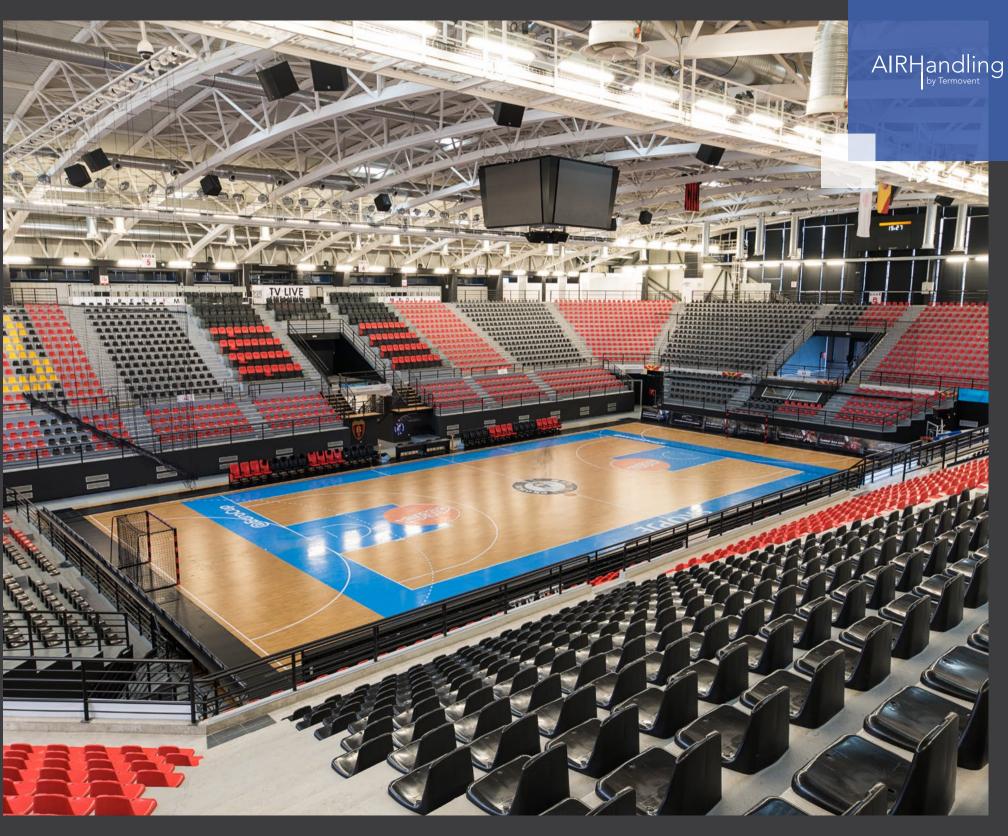








**JANE SANDANSKI ARENA** Skopje, N. Macedonia





## YURA CORPORATION

Leskovac, Serbia













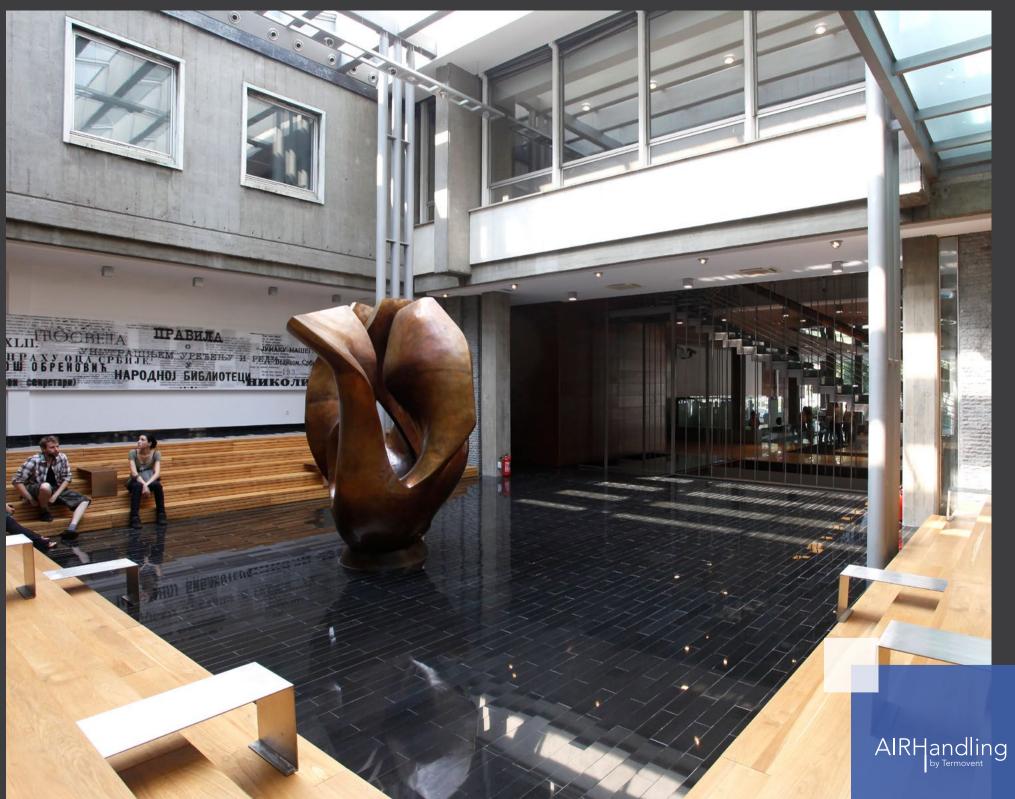
## NATIONAL LIBRARY

Belgrade, Serbia





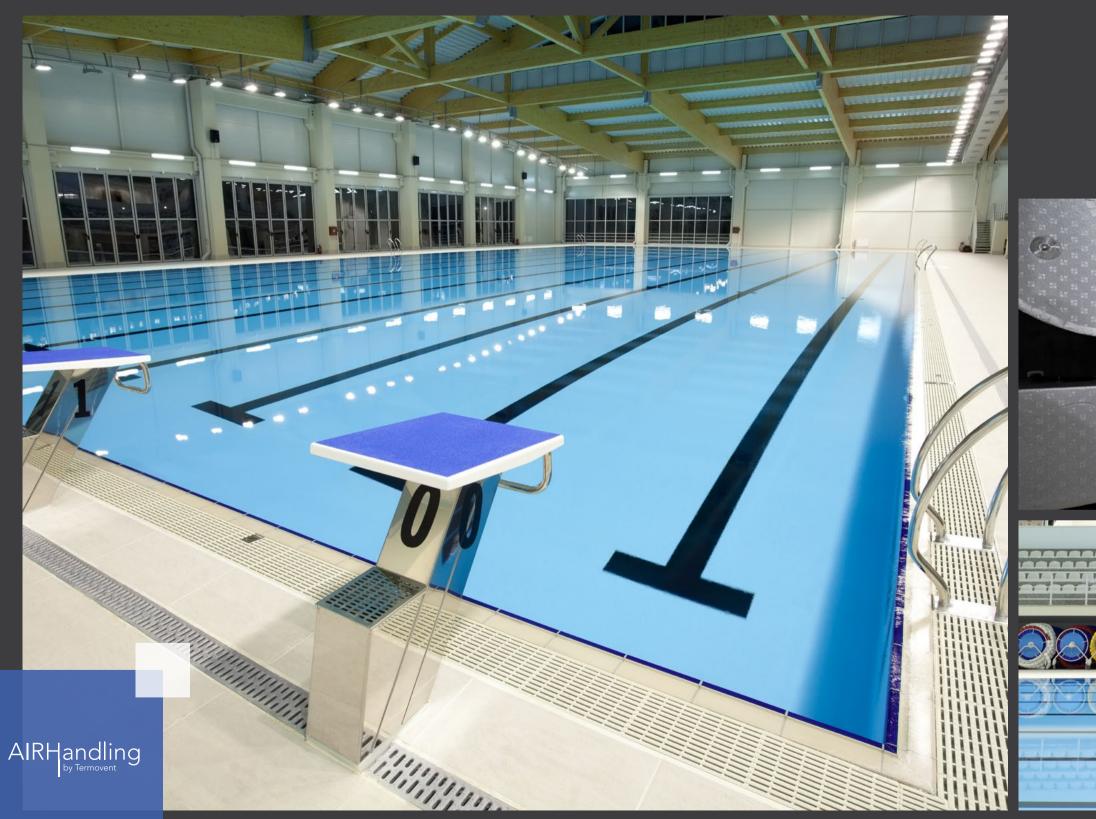








WELLPHARMA MEDICAL SOLUTIONS
Abu Dhabi, UAE



## **SC PARK** Kragujevac, Serbia



## CONTACT

#### TERMOVENT KOMERC

Blvd. Milutina Milankovića 11a GTC Green Heart Building E2, 2. floor 11070 Belgrade, Serbia

www.termovent.com



"QUALITY IS NEVER AN ACCIDENT;
IT IS ALWAYS THE RESULT OF
HIGH INTENTION, SINCERE
EFFORT, INTELLIGENT DIRECTION
AND SKILLFUL EXECUTION; IT
REPRESENTS THE WISE CHOICE OF
MANY ALTERNATIVES."

**WILLAM A. FOSTER** 

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