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# AIR TREATMENT

# INTRODUCTION

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.



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

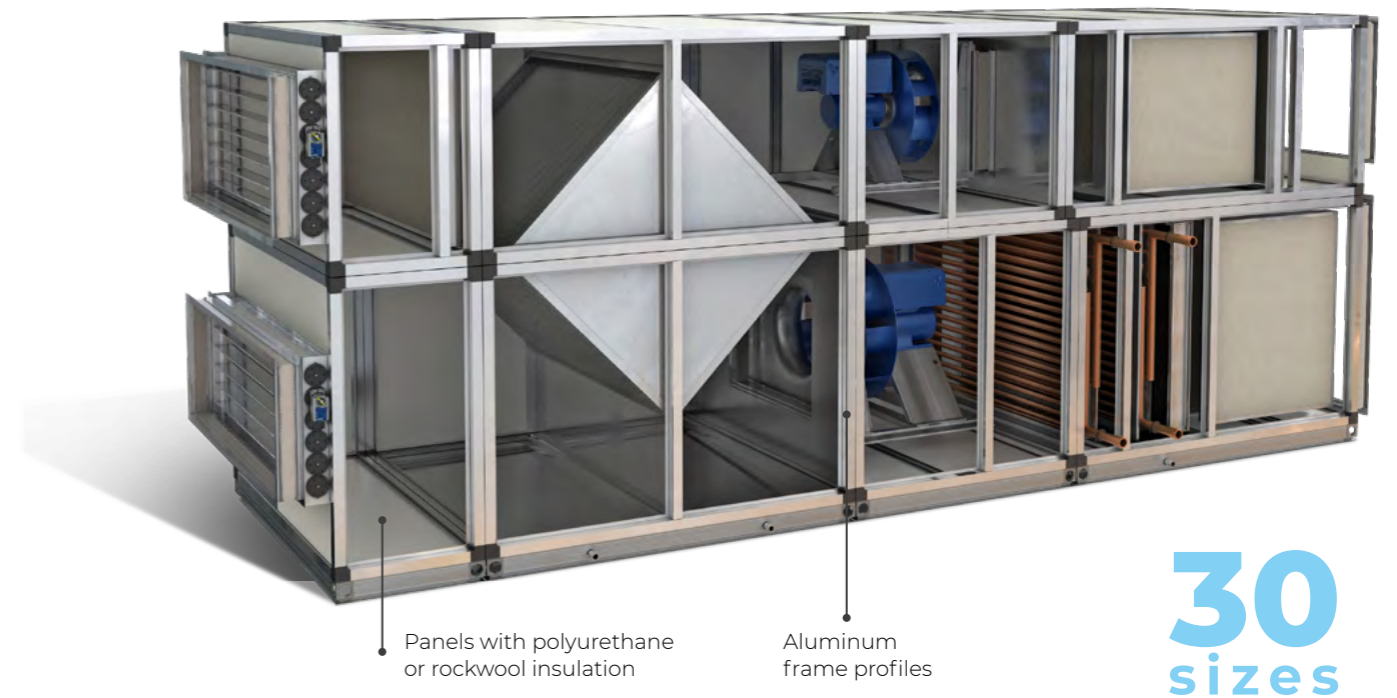
Widespread experience in manufacturing and designing HVAC equipment resulted in range of products created to successfully address various air conditioning, ventilation and air distribution problems. Termovent AHUs can cover various air flow rates ranging from 800 to 100,000 m³/h. The AHUs can be produced 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 AHUs 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.

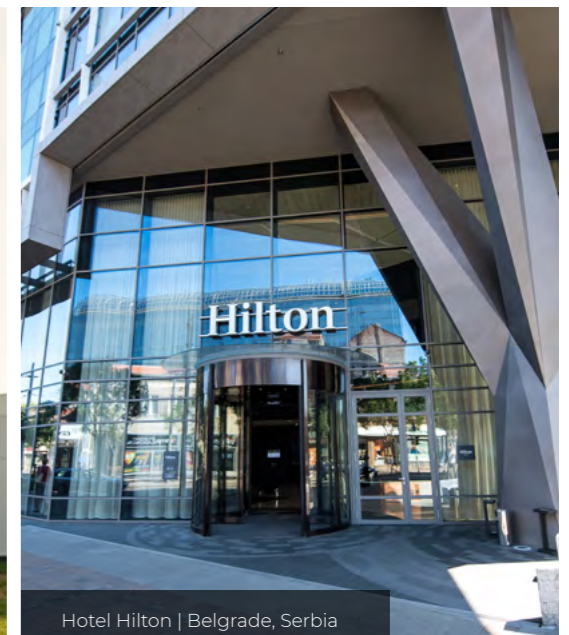
Quick delivery, easy installation and simple maintenance make Termovent Air Handling Units an excellent choice in designing and implementation of air preparation and processing systems to be applied in hospitals, pharmaceutical, nanotechnology, processing, food and automotive industry, as well as in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

std | pro



- Widespread use - catering facilities, cafes, restaurants, hotels, shopping malls, public facilities, industrial plants, warehouses...
- Modular design
- Thermally separated modular design
- Construction is a combination of aluminum profiles and pre-varnished panels, filled with polyurethane or rock wool
- Exterior or interior installation

Air flow  
from **1.000** m³/h  
to **100.000** m³/h



hydra | pro



34  
sizes

2 hydra | pro  
hydra | pro Compact  
models



The interior is protected with EPOXY coating

Possibility of producing AHU with epoxy Al heat exchanger

Genius models are equipped with an integrated heat pump

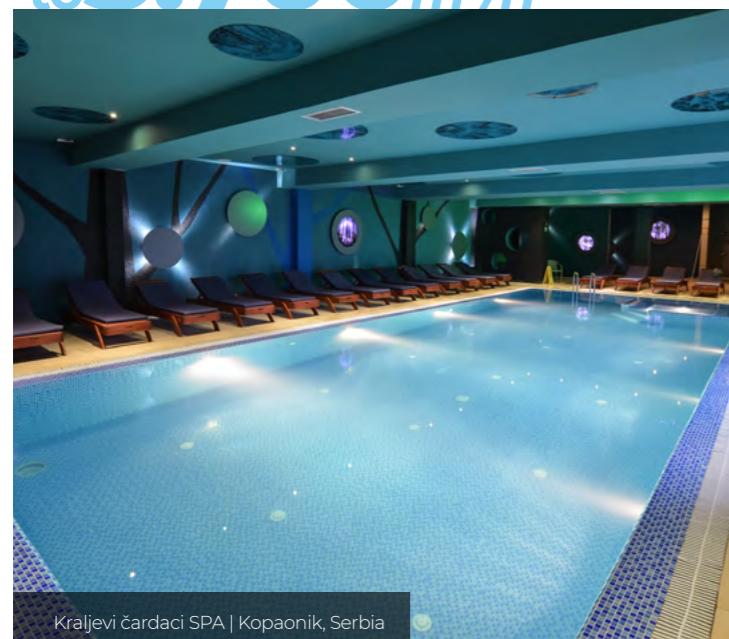
- Application – air conditioning of indoor swimming pools
- Maximal utilization of waste air energy

- Great energy saving; economical operation
- Double plate heat exchanger
- Plug and Play device

hydra | pro Compact

Air flow

from 800 m<sup>3</sup>/h  
to 5.700 m<sup>3</sup>/h

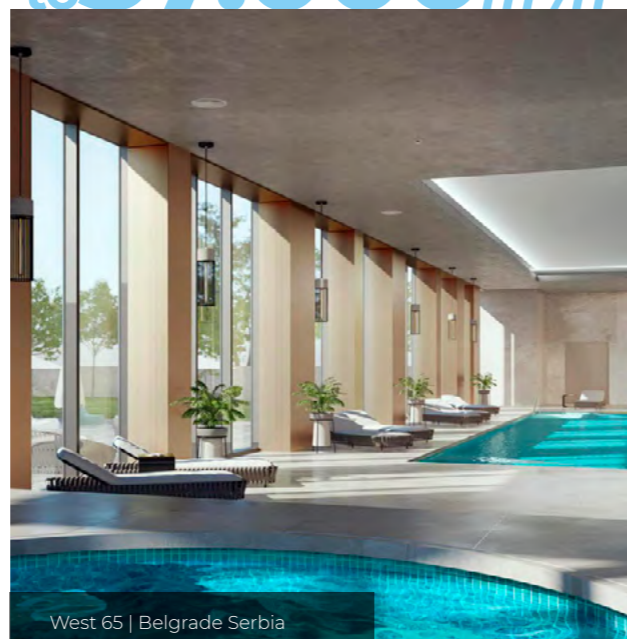


Kraljevi čardaci SPA | Kopaonik, Serbia

hydra | pro

Air flow

from 1.200 m<sup>3</sup>/h  
to 37.000 m<sup>3</sup>/h

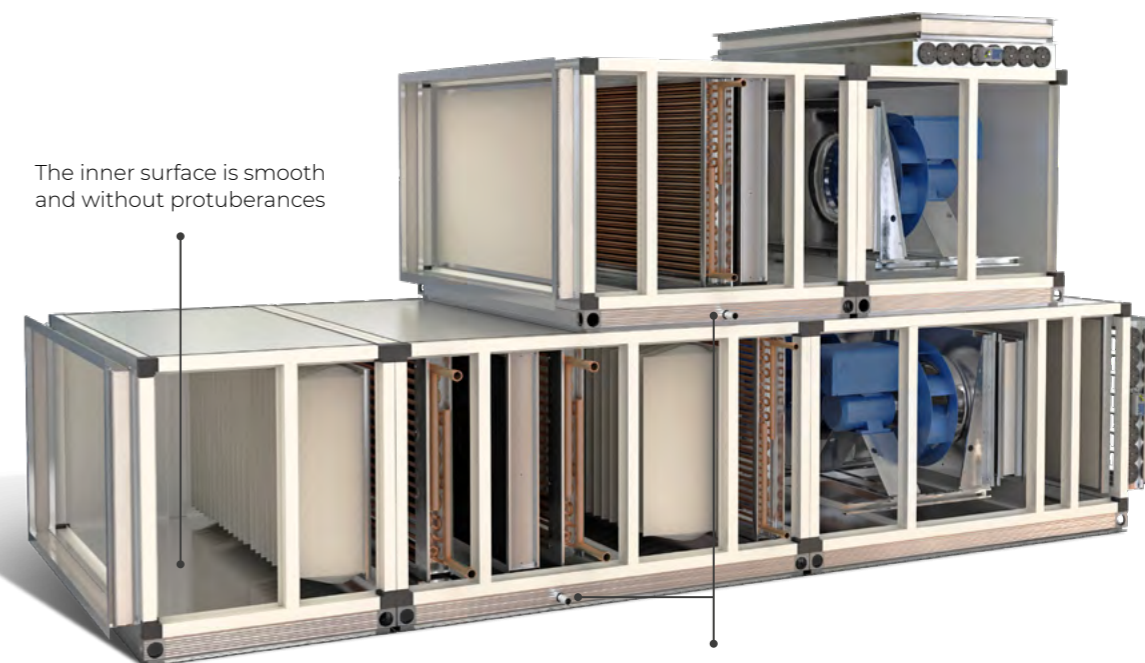


West 65 | Belgrade Serbia

hygiene | pro



30  
sizes



The inner surface is smooth and without protuberances

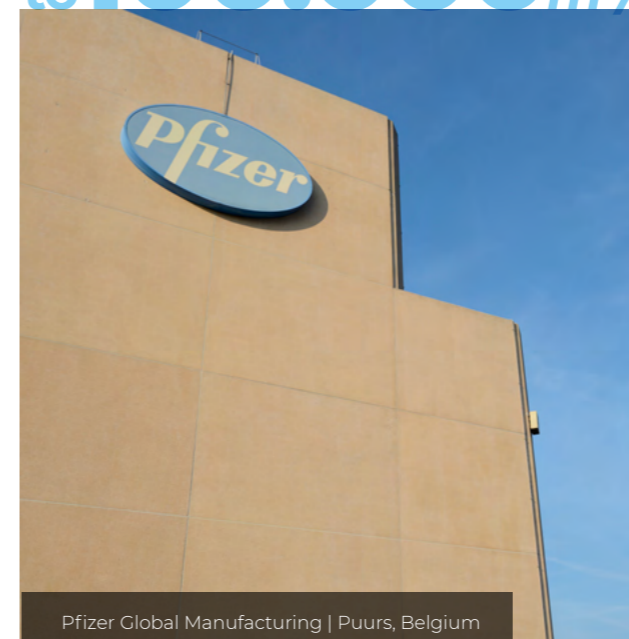
Condensate drainage pipes, condensate tubes and all moving parts are made of stainless steel

- Application – operating rooms, laboratories, pharmaceutical production facilities, food, military or electronics industries...
- In conformity with GMP, FDA and HACCAP

- Prevention of space contamination
- All elements are easily approachable for washing and disinfection
- Formation of undesirable microorganisms is prevented

Air flow

from 1.000 m<sup>3</sup>/h  
to 100.000 m<sup>3</sup>/h

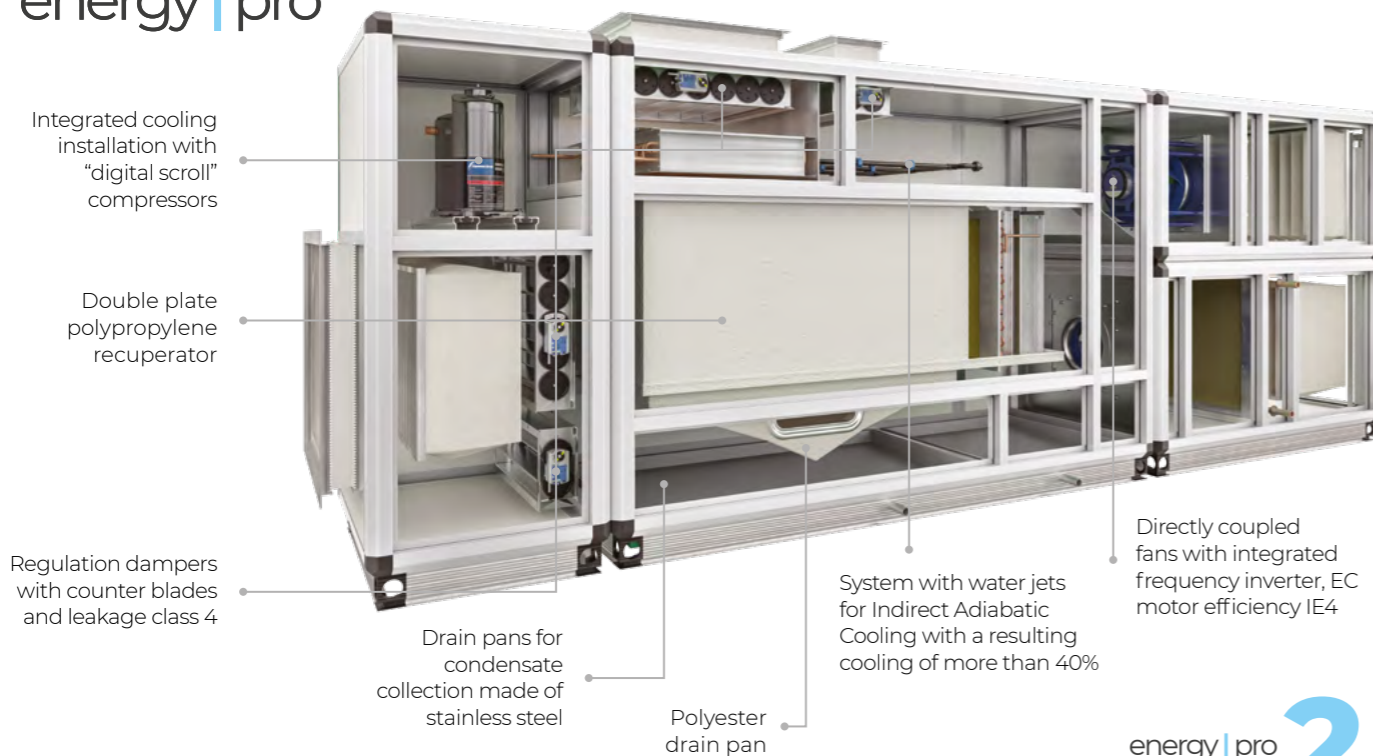


Pfizer Global Manufacturing | Puurs, Belgium



Besi | Radfeld, Austria

energy | pro \*



energy | pro  
energy | pro Adiabatic  
models 2

- Prevented the occurrence of condensate in a stream of supply air
- Prevented water leakage into the exchange section
- Ecological system with low power consumption and low CO<sub>2</sub> emissions
- The optional energy | pro design without integrated cooling installations with compressors

Air flow  
from 800 m<sup>3</sup>/h  
to 40.000 m<sup>3</sup>/h

HEAT RECOVERY  
80% RATE



# QUALITY MANAGEMENT SYSTEM

## CERTIFICATES AS THE GUARANTEE OF QUALITY

Termovent is fully committed to meeting the customer's requirements in terms of quality, environmental protection and safety. The set high quality standards are the cornerstone of our operations.

In order to achieve the goals we set at all times, our employees are involved in the processes of continuous improvement and optimization of our products and services. The success of this approach is confirmed by numerous certificates held by Termovent, which guarantee the highest standards to our customers.



### Eurovent Certita Certification

Eurovent Certita Certification Eurovent Certita Certification has certified that Termovent Air Handling Units, Range KK, and Software for calculation of performances SELECT:pro, Trade name TERMOVENT, have been assessed according to requirements of the following standard: OM-5-2017

\* Models so marked are not Eurovent certificated



### CE marking for Termovent AHUs

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



### ISO 13485:2016

ISO 13485:2016 Certification body SIQ confirmed that Termovent introduced Quality Management System in accordance with ISO 13485:2016 in the field of manufacturing, design and installation of Termovent panels for the construction of clean rooms.



### ISO 9001: 2015

ISO 9001: 2015 Certification body TUV SUD Management Service GmbH confirmed that Termovent introduced Quality Management System in accordance with ISO 9001:2015 standard in the field of manufacturing, installation and sales of equipment for air conditioning, heating and cooling.



### ISO 14001:2015

ISO 9001: 2015 Certification body TUV SUD Management Service GmbH confirmed that Termovent introduced Quality Management System in accordance with ISO 9001:2015 standard in the field of manufacturing, installation and sales of equipment for air conditioning, heating and cooling.



### ISO 45001:2018

OHSAS 18001:2007 Certification body TUV SUD Management Service GmbH 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.



### AAA Creditworthiness Rating

AAA Creditworthiness Rating Bisnode Serbia awards Golden certificate of Creditworthiness Rating

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