

Quality first of all





Why Proklima?

For us, quality starts with motivated employees, passion for customer needs, quick respond, advisory and consulting, process mastermind, usage of top quality materials and components, genuine design, efficient manufacturing, detailed final check and factory acceptance, quick and precise delivery, fast commissioning, reliable service and maintenance, professional support and much more...



Advantages

- family owned enterprise, established in 1967
- devotion to customers needs and demands
- experience and knowledge
- wide product range
- energy efficient and reliable products
- „Tailor made“ solutions
- state of the art products and services
- aftersales support
- commitment to constant product and quality system improvements



Construction

In various exploitation requirements, air handling unit can be exposed to extreme weather conditions. The greater the temperature differences between environment and treated air, the greater the risk of condensation.

These differences in temperature and humidity occur more often lately, even in temperate climate zones. Under such conditions, on air handling units with poor insulation, with no thermal bridge break, condensation is inevitable.

Consequences of condensation are:

- insufficient hygiene, leading to increased development of microorganisms
- corrosion, shortened time between failures
- structural damages

Air handling units in Thor TB construction, produced by Pro-Klima, were made according to EN 1886 standard and certified by TÜV. Completely powder coated and reinforced, provides high strength, special doors design with thermal bridge break reduce thermal losses and allows high energy efficiency.



Thor TB construction is used for all applications with high humidity level, such as swimming pools and special manufacturing facilities.

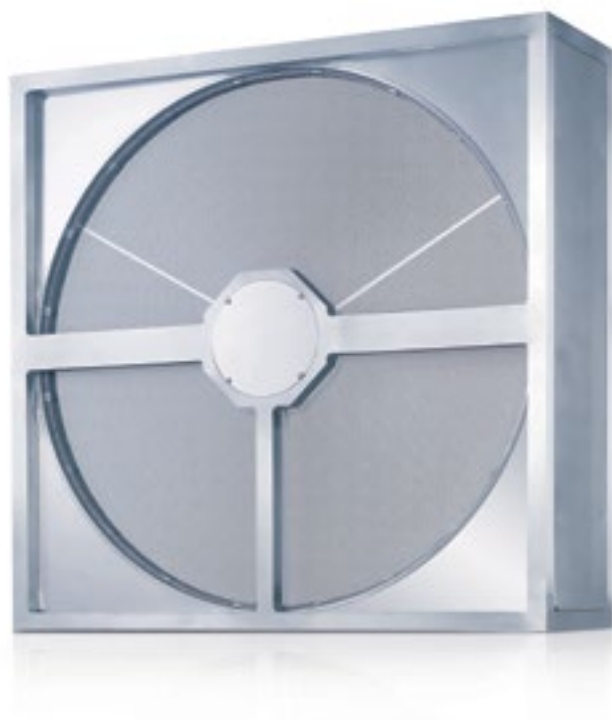
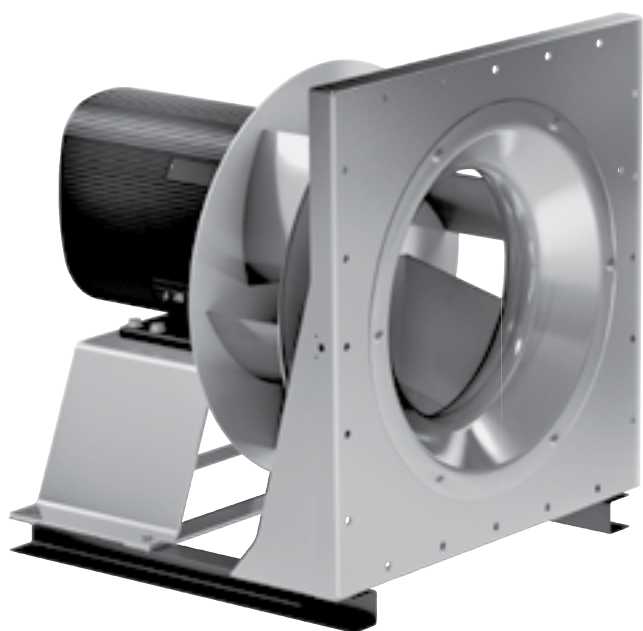




Components

Application of advanced technologies, high quality materials and components has always been part of our business strategy. Choosing our air handling units, our clients receive the best price – quality ratio and long-term usability.

Our product range includes devices suitable for each purpose – Explosion proof (ATEX), Hygienic and other special conditions.





Modular air handling units





air volume flow rates: 800 – 150000 m³/h
according to EN 1886 and EN 13053 standards
panel thickness: 25 / 50 / 60 mm
profiles and panels with thermal bridge break
standard, hygienic, ATEX or anti grease design
horizontal, vertical, double deck or side-by-side execution
for indoor or outdoor installation
different panels and components finishing

Advantages for you:

modular and adjustable sizes and design
easy maintenance
long-term usability



Hygienic air handling units

air volume flow 800 to 60000 m³/h
made according to DIN 1946, VDI 6022 and VDI 3803 standards and guidelines
with or without heat recovery
panel thickness: 50 mm
profiles and panels with thermal bridge break
horizontal, vertical, double deck or side-by-side execution
for indoor or outdoor installation
different panels and components finishing
TÜV certified

Advantages for you:

modular design
easy maintenance
for whole range of different hygienic application





Pool Air handling units

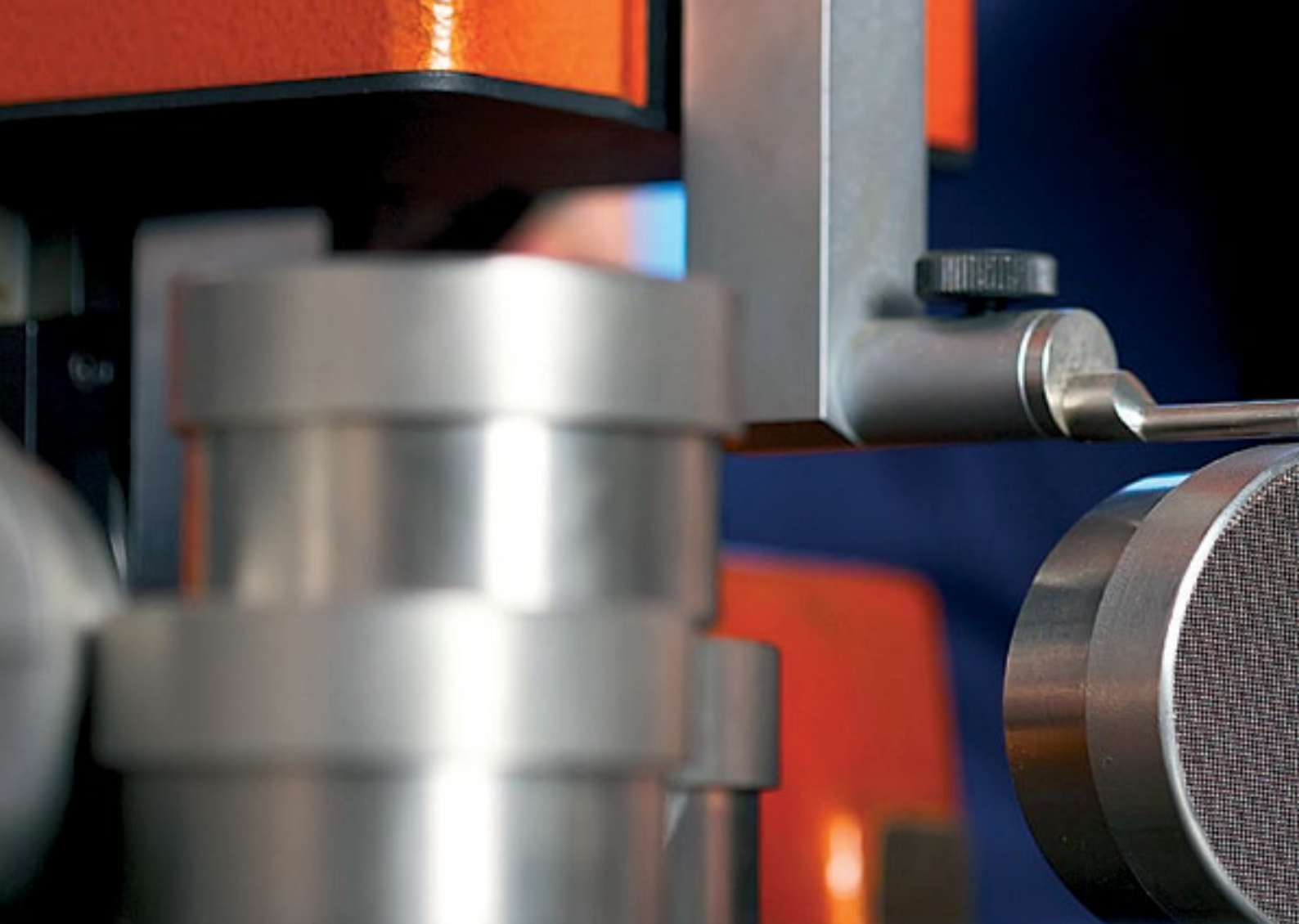




air volume flow 1000 to 35000 m³/h
modular or compact design
for all types of pools
with heat recovery and heat pump
with environmental-friendly refrigerant
panel thickness: 50 mm
for indoor or outdoor installation
5 different operation modes

Advantages for you:

full automatic control and regulation
top quality materials and workmanship
modular design



Compact air handling units

air volume flow 600 to 39000 m³/h
high energy recovery ratio (80 - 92 %)
EC fans with high efficiency ratio through the whole range of volume flows with
optimal SFP ratio 0,9 - 1,2 kW/m³/s
plate or rotary wheel heat exchanger

Advantages for you:

low noise level
automatic control and regulation with simple interface
adjustable and flexible design
easy installation, easy maintenance





Air handling units with adiabatic cooling

- air volume flow 1000 to 32000 m³/h
- with special energy recovery unit
- resistant to alkaline and corrosion
- high energy recovery ratio (>75%)
- integrated heat pump
- integrated automatic control system
and control panel
- environment friendly refrigerant
- significant energy savings (investment
return 3 to 5 years)





Regenerative air handling units



air volume flow 1000 to 35000 m³/h
with innovative heat recovery system
(>90%)

integrated automatic control system
and control panel

significant energy savings (investment
return 3 to 5 years)



Ceiling air handling units





air volume flow 600 to 4000 m³/h
modular and compact design
made according to EN 1886 and EN 13053 standards
with or without energy recovery system
panel thickness: 25 / 50 mm
profiles and panels with thermal bridge break

Advantages for you:

small height: max. 515 mm
easy maintenance and access to components
modular and adjustable sizes and design



Integrated automatic controls





support in planning and design
technical preparation, production, complete service
cooperation with world and branch leading component manufacturers
fully equipped spare parts stock
technical documentation at your disposal
our own control panel production

Advantages for you:

„Plug and play“ device implementation

Services



DESIGNING AND CONSULTING

Our sales and technical support personnel will gladly help you and advise you in choosing the appropriate equipment.



COMMISSIONING

For normal unit operation it is necessary to make right installation of all components, setup parameters, adjust automatic control options and start up the unit. Our professional personnel is thoroughly trained for all these jobs.



SERVICE AND MAINTENANCE

Safe and long lasting operation of devices depends on periodical maintenance. Allow our personnel to take care of maintenance of your devices. Choose the model, schedule and range of maintenance that best suits your needs. Cost of device malfunctions makes severe problems in work processes. Our service personnel can help you to overcome such problems and faults on equipment, quick and reliable, anytime and anywhere, 24 hours / 7 days a week.



SPARE PARTS

For flawless function, all consumable components (filters, belts, etc.) as well as all the other parts (fan, motors, coil), need to be checked and changed periodically. We are offering only original and quality parts.

Certificates

Certificates which we are proud of:



ISO9001:2015
Quality Management
System Certificate



ISO 9001:2009
Quality Management System
Certificate for Ukraine



EUROVENT certificate
Eurovent certificate for air
handling units class T2 / TB2



GOST-R
GOST-R certificate for air
handling units



ÖNORM H 6020
Certificate for hygienic
and pool execution of air
handling units



Certificate
of EC type-examination by
Ukrainian standards of product
conformity
EC-Certificate of conformity



Certificate
of type examination issued by
TÜV Product Service GmbH as
a notified body



ATEX
A certificate of deposit
product technical folder in
ATEX version, with CESI Italy



TÜV DIN-1946-4
TÜV compliance hygienic
air conditioner according
to the requirements of DIN
1946-4.



TÜV VDI 6022
TÜV compliance hygienic
air conditioner according
to the requirements of VDI
6022.



TÜV EN 13053
TÜV compliance hygienic
air conditioner according
to the requirements of EN
13053.



EC-Atest
Tests of type-conformity
of the product according
to EN standards for control
cabinets (LVD and EMC
Directives)



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