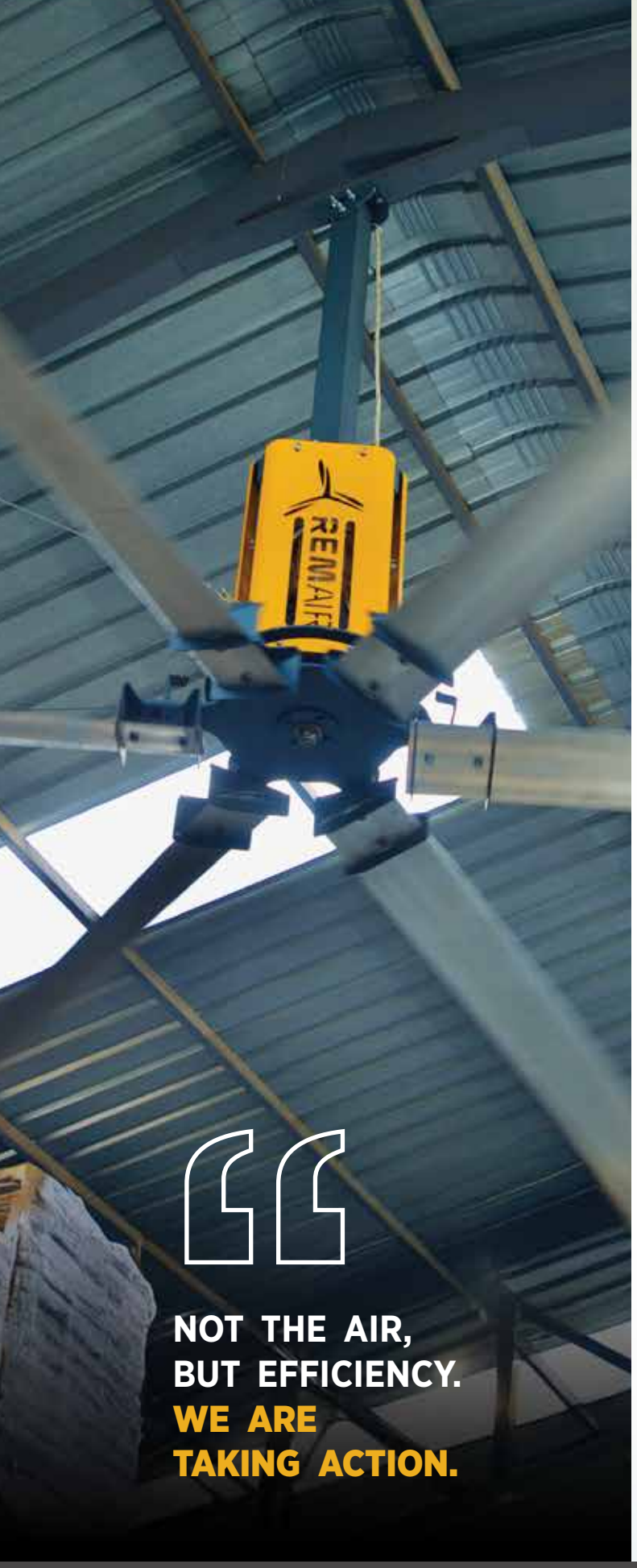

REMAIR
High Volume Low Speed Fan Systems
REMAIR
REMAIR HVLS
HELICOPTER FAN SYSTEMS
"There's a change in the air!"
www.remairfans.com



REMAIR
High Volume Low Speed Fan Systems

ABOUT US

REMAir is an HVLS fan brand established within the **Remak Group**, which was founded in 1987 and operates in the fields of industrial power transmission systems, energy technologies, agriculture, and livestock.

Remak Group, primarily through **Remak Gearbox**, has been manufacturing gearboxes, reducers, and power transmission systems for the machinery, mining, construction, agriculture, livestock, and food industries for many years. With its strong engineering infrastructure and production experience, it is among Türkiye's leading industrial companies.

Developed with this engineering expertise , **REMAir** offers HVLS fan solutions that provide highly efficient air circulation in industrial facilities, logistics warehouses, livestock farms, and large-volume structures. Energy efficiency, quiet operation, long lifespan, and low operating costs are the key design criteria for our products.

Today, **Remak Group** brands are preferred in many countries around the world; and **REMAIR** continues its growth in the global market by combining this strong infrastructure with innovative air circulation technologies.

NOT THE AIR, BUT EFFICIENCY. WE ARE TAKING ACTION.

OUR VISION

Energy efficiency and sustainability innovative air circulation based on by developing technologies, HVLS fan trusted globally in its sector and to be one of the preferred leading brands.

OUR MISSION

Leveraging Remak Group's engineering expertise and manufacturing xperience, we aim to provide our customers with high-quality, reliable, and energy-efficient HVLS fan solutions; creating long-term value through our pre-sales and after-sales services.

OUR QUALITY POLICIES

We place quality at the heart of all our processes, from design to shipment, and produce according to international standards with the "Quality First" philosophy that REMAK Group has embraced since 1987



CERTIFICATE & *DOCUMENTS*

REMAir; manufactures products in accordance with international standards, demonstrating its commitment to quality, safety, and environmental awareness.

OUR MANAGEMENT SYSTEM CERTIFICATIONS



ISO 9001
Quality Management System Certificate



ISO 10002
Customer Satisfaction Management System Certificate



ISO 45001
Occupational Health and Safety Management System Certificate



ISO 14001
Environment and Management System Standard Certificate

OUR PRODUCT AND CONFORMITY CERTIFICATES



CE
Conformity Certificate (Worm Screw Reduction)



ISOQAR
Management Systems Certificate



CE
Equipment Compliance Certificate of Approval



CE
Equipment Compliance Certificate of Approval



Ministry of Agriculture, Ziraat Bank Equipment Loan Eligibility Certificate



Ministry of Agriculture, Ziraat Bank Equipment Loan Eligibility Certificate

OUR TEST AND REPORT DOCUMENTS



European Union Electrical Equipment Security Test Report



European Union Electrical Equipment Security Test Report



Domestic Product Certificate



TAMTEST
Ministry of Agriculture Equipment Test Report



TAMTEST
Ministry of Agriculture Equipment Test Report

REMAK *GROUP*



Remak Group's engineering strength and agriculture with its innovative approach, in livestock, energy and industry It offers global solutions.



REMAIR

www.remairfans.com

REMAIR Helicopter Fans are HVLS fan systems developed to provide effective air circulation in high-volume areas. They create cooler, more comfortable, and more efficient environments in many areas, from livestock facilities to factories, warehouses to gyms. In cattle farms, they support animal welfare by reducing heat stress, help floors dry faster, and contribute to increased meat and milk yields.

COW COMFORT

www.cowcomf.com

Having gained prominence in European and American markets since 2015, the Cow Comfort brand is an important component of next-generation livestock farming. Can develop on the skin and udders of animals Automatic animal scratching brushes, which prevent diseases, improve meat and milk production. It also plays an important role in increasing it.

HAYVAN KASIMA.com

www.hayvankasima.com

The Animal Grooming brand is a Remak Group brand that provides nationwide service for Automatic System Animal Grooming Brushes. Having an important place in animal welfare Animal grooming brushes help prevent skin and udder diseases in animals, thereby increasing milk yield. The brand offers various model options.

REMAK USA.

www.remakusa.com

Part of **Remak Group** It is a North American brand that conducts its operations in the state of Florida in the United States.

REMAK SOLAR

www.remaksolar.com

Remak Solar is one of today's eading Remak Group, which provides solar energy services in the green energy sector, one of the energy sources, together with its partner companies. It is a brand.

REMAK Gearbox

www.remakgearbox.com

Türkiye's leading company since 1987 **Remak Redüktör**, a manufacturer of gearboxes, reducers, and transmissions, is bringing these products to the world. It is the brand that was opened.

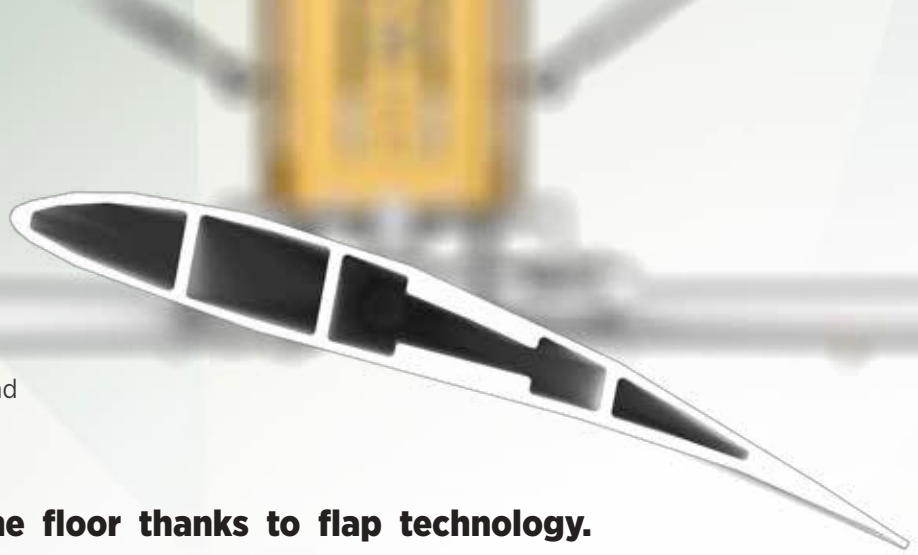
BARAJ KAPAĞI sistemleri.com

www.barajkapagisistemleri.com

Dam Gate Systems, **Remak Group's** expert in the field of hydromechanical engineering It is a brand. Dam gates, water control systems and lifting mechanisms reliable and long-lasting engineering It offers solutions.

MODELS

The specially designed **Aerofoil** wing profile ensures maximum airflow, minimum energy consumption, and quiet operation.



Airflow that penetrates the floor thanks to flap technology.



4 WINGED

- 4 Bladed 4 Meter Helicopter Fan System MODEL: ***x4 REM-4***
- 4 Bladed 5 Meter Helicopter Fan System MODEL: ***x4 REM-5***
- 4 Bladed 6 Meter Helicopter Fan System MODEL: ***x4 REM-6***



MOST PREFERRED DONE

5 WINGED

- 5 Bladed 4 Meter Helicopter Fan System Model: ***x5 REM-4***
- 5 Bladed 5 Meter Helicopter Fan System Model: ***x5 REM-5***
- 5 Bladed 6 Meter Helicopter Fan System Model: ***x5 REM-6***



6 WINGED

- 6 Bladed 4 Meter Helicopter Fan System Model: ***x6 REM-4***
- 6 Bladed 5 Meter Helicopter Fan System Model: ***x6 REM-5***
- 6 Bladed 6 Meter Helicopter Fan System Model: ***x6 REM-6***

IN LARGE AREAS

SUPERIOR PERFORMANCE

REMAir HVLS fans enhance comfort, save energy, and improve operational efficiency by providing natural airflow in large spaces.



"As powerful as a helicopter, as agile as a butterfly."

FEATURES

There's engineering in every detail.
REMAir HVLS fans systems,
High performance, long lifespan.
and carefully for safe working conditions
It has been designed.





AUTOMATIC TEMPERATURE CONTROL SENSOR

Thanks to the integrated temperature control function, the fan speed is automatically increased or decreased depending on the ambient temperature. This prevents unnecessary energy consumption while maintaining ideal air circulation.
(Optional)



INDEPENDENT INVERTER TECHNOLOGY FOR EACH FAN.

In addition to controlled start and stop technology, the system, which allows each fan to be controlled independently, also enables motor, current, and temperature control on the inverter side. Therefore, a safe and comfortable system operates.



BODY THAT PROVIDES AIRFLOW DESIGN

In situations where airflow is present, the surfaces the air comes into contact with should not encounter any obstacles at those points, according to fluid mechanics. During the REMAir fan R&D process, a triangular design was chosen for maximum airflow without compromising the original design.



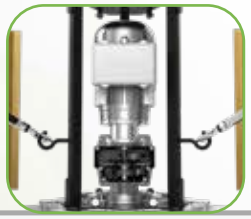
Aerodynamic Aluminum WINGS

Fan with angled blades for high air circulation.
It plays a major role in their systems. Among REMAir fans The wings used are specially made of aluminum and are "Aerodynamic". Produced using equations, and with angular adjustments for maximum airflow. It enables displacement and It is light.



SAFE ROPES WITH SECURE ASSEMBLY AND DESIGN.

Given their large blade spans and weight, helicopter fans can pose risks if used uncontrollably.
To prevent such situations, within REMAir, the main fuselage...
The wings are also secured with steel cables that hold them in place.
It includes a security perimeter to prevent access.



CUSTOM TRANSMISSION DESIGNED FOR HVLS FANS.

Unlike standard gearboxes, it is designed to provide reliable operation under long-term and high-temperature conditions. Reinforced gear modules, high-quality imported bearings. and thanks to its optimized powertrain, it offers long-lasting performance. long-lasting, quiet and high-performance It ensures efficient work.



BALL BEARING SYSTEM

Thanks to a special tapered roller bearing design that avoids transferring extra loads from the fan to the gearbox, the load on the motor and gearbox is reduced, ensuring a longer service life.



SAFETY HOOKS

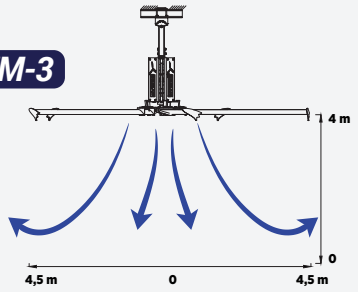
Safety hooks integrated into the wing and hub attachment points prevent potential
Provides added safety by preventing the wings from dropping in case of connection loosening. provides.

TECHNICAL *DIMENSIONS*

REMAir HVLS fan systems, high performance and safety taking standards into consideration It has been designed.

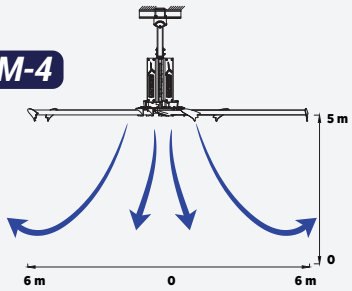


3 METRE x5 REM-3



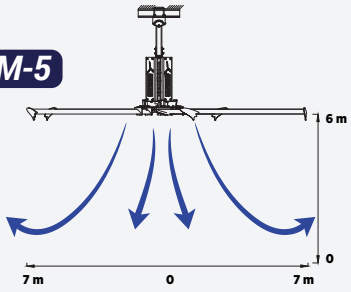
Fan Size	:	3 m
Number of Wings	:	5
Max Area of Effect	:	60-70 m^2
Max Air Volume	:	130.000 m^3/h
Exit Period	:	100 rpm
Strength	:	1.1 kw
Voltage and Frequency	:	380/480 Ac 50/60 Hz
IP Class	:	IP 55 + corrosion-resistant paint
Warranty period	:	2 years

4 METRE x5 REM-4



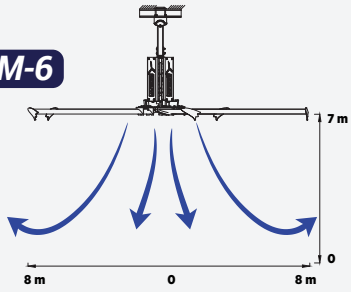
Fan Size	:	4 m
Number of Wings	:	5
Max Area of Effect	:	100-120 m^2
Max Air Volume	:	250.000 m^3/h
Exit Period	:	90 rpm
Strength	:	1.1 kw
Voltage and Frequency	:	380/480 Ac 50/60 Hz
IP Class	:	IP 55 + corrosion-resistant paint
Warranty period	:	2 years

5 METRE x5 REM-5



Fan Size	:	5 m
Number of Wings	:	5
Max Area of Effect	:	140-160 m^2
Max Air Volume	:	405.000 m^3/h
Exit Period	:	80 rpm
Strength	:	1.1 kw
Voltage and Frequency	:	380/480 Ac 50/60 Hz
IP Class	:	IP 55 + corrosion-resistant paint
Warranty period	:	2 years

6 METRE x5 REM-6



Fan Size	:	6 m
Number of Wings	:	5
Max Area of Effect	:	190-200 m^2
Max Air Volume	:	580.000 m^3/h
Exit Period	:	70 rpm
Strength	:	1.1 kw
Voltage and Frequency	:	380/480 Ac 50/60 Hz
IP Class	:	IP 55 + corrosion-resistant paint
Warranty period	:	2 years

FROM WHERE *REMAIR*

Drawing on our engineering expertise dating back to **1987 , REMAir** combines performance, safety, and efficiency in HVLS fan technologies. With advanced design principles and a quality-focused manufacturing approach, we offer reliable air circulation solutions for businesses.



Strong
Weather
Technology

GLOBAL SUPPORT FORCE

REMAIR, supported by Remak Group's international manufacturing and engineering expertise, is preferred in many parts of the world. With its quality-focused approach and reliable products, it continues its growth in the global market.

ENERGY EFFICIENCY:

Thanks to the gearbox, the fan speed can be adjusted manually. It has a speed-adjustable (inverter) and cooling system.

SUPERIOR DESIGN

Its specially designed wing structure dries wet surfaces quickly.

SILENT AND POWERFUL

It provides quiet operation at high power (maximum 51 dB).

COMFORTABLE CLIMATE

It provides comfortable and energy-e ficient climate control both in summer and winter.

ECONOMIC SOLUTIONS

Environmentally friendly, economical solutions presents.

We are stronger together!

SECTORAL *APPLICATIONS*

REMAir HVLS Helicopter Fans offer superior air circulation and maximum comfort in a wide range of applications, from industrial facilities and sports halls to livestock farms and shopping malls.

BETTER AIR CIRCULATION

For more **efficient**, more comfortable, and **healthier** environments.



GYMS

Training areas that are more spacious and comfortable thanks to constant fresh air.



WAREHOUSES AND LOGISTICS CENTERS

It increases product and professional efficiency by providing a more balanced temperature distribution.



LIVESTOCK FARMS:

Healthier, more comfortable environments for animals, with reduced stress levels.



INDUSTRIAL FACILITIES:

By balancing dust, humidity, and heat, it ensures maximum efficiency in workspaces.



FEED FARMS IMPROVED

Air quality supports animal health and increases productivity.



SHOPPING CENTERS

It offers a comfortable and cool shopping experience for the customer.

SECTORAL *APPLICATIONS*

We are stronger together!

BETTER AIR CIRCULATION

For more **efficient**, more comfortable, and **healthier** environments.



STORAGE & LOGISTICS AREAS

In high-volume warehouses, it improves air circulation, creating cooler, more comfortable, and more efficient working environments.



INDOOR/OUTDOOR SOCIAL AREAS IT

creates a refreshing environment by providing fresh air circulation in marketplaces, gyms, and multi-purpose areas.



OPEN BARN & FREE SHELTERS

Even in open-air barns, it creates effective airflow, reducing bad odors and ensuring a hygienic environment.



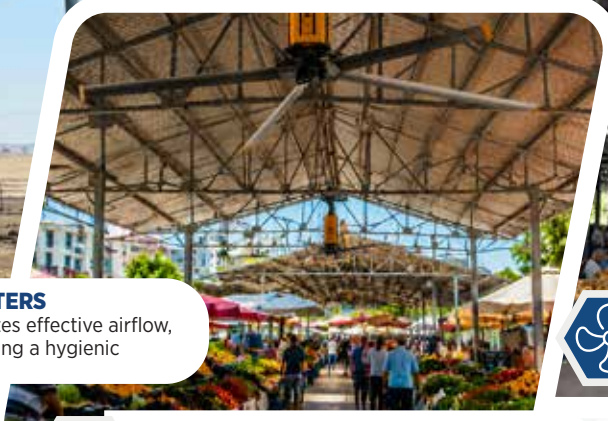
LIVESTOCK FACILITIES

It reduces heat stress in livestock shelters, both large and small, and increases animal comfort and productivity.



COMMERCIAL & MARKET AREAS

It offers a comfortable browsing and shopping experience in shopping areas and commercial buildings.



MARKET PLACE

It creates a refreshing environment by providing clean airflow in multi-purpose spaces.

IN THE WORLD
REMAIR

REMAir, continues to connect with industry professionals around the world with its industrial ventilation solutions.

GERMANY AGRITECHNICA FAIR

Remair had a global presence at the Agritechnica trade fair in Germany, showcasing its industrial ventilation solutions.





AZERBAIJAN CASPIAN AGRO FAIR

Remair showcased its solutions for the agricultural sector at the Caspian Agro Fair(Azerbaijan Agricultural Fair).





RUSSIA AGRAVIA FAIR

Remair met with international visitors at the Agravia Fair in Russia, showcasing its innovative fan systems.





NETHERLANDS VIV EUROPE FAIR

Remair attracted the attention of the industry with its powerful and efficient fan solutions at the VIV EUROPE Fair in the Netherlands.





IN THE WORLD
REMAIR



KONYA AGRICUTURE FUARI

Remair attracted the attention of the sector with its powerful and efficient fan solutions at the Konya Agricultural Fair.





ISTANBUL ISK SODEX FAIR

Remair presented its industrial and agricultural ventilation systems to visitors at the ISK SODEX Fair.





ADANA TÜYAP AGRICULTURE FAIR

Remair met with industry professionals at the Adana TÜYAP Agricultural Fair with its products and solutions





IZMIR ODEMIS AGRICULTURE FAIR

Remair showcased its ventilation solutions for agricultural production areas to the industry at the İzmir Ödemiş Agricultural Fair.





OUR SHIPMENTS



REMAir fans are securely packaged and shipped to domestic and international projects after the completion of production and quality control processes. Each product is prepared to prevent damage during transport and delivered to our customers on time.













OUR SHIPMENTS



From production to packaging, loading to delivery, we meticulously manage all our shipping processes; we deliver **REMAir** products safely to different countries.













REMAIR

High Volume Low Speed Fan Systems

"There's a change in the air!"

Main Factory
Kemalpaşa rganized Industrial Zone,
Kuyucak Area No: 211, 35730 İZMİR
info@remakreduktor.com.tr
Phone: 0 232 479 68 48

ABD
Remak USA LLC 18770 NE 6th Ave,
Miami, Florida 33179, USA
info@remakusa.com
Tel: +1 786 448 26 40

www.remakgrup.com.tr