



## INDUSTRIAL AIR CONDITIONING AND VENTILATION SOLUTIONS.



Evaporative cooling has been developed, inspired by  
the natural and refreshing effect of the sea breeze.

[evaporatif.com.tr](http://evaporatif.com.tr)



# WHAT IS EVAPORATIVE COOLING?

Evaporative cooling is based on the principle of heat absorption from the air through the evaporation of water. As water evaporates, it draws heat from the air, causing it to cool. For example, when we step out of a swimming pool or when sweat evaporates from our skin under the influence of wind, we feel cooler. This is a simple example of evaporative cooling.

Evaporative systems are designed by taking inspiration from natural processes, just like the sea breeze. Sea breezes are fresh and cool because warm air moves across the water surface with the wind, causing part of the water to evaporate. This process absorbs heat, creating a source of fresh, clean, cool, and healthy air.

Evaporative cooling ensures a continuous flow of fresh, natural, and cold air without using environmentally harmful gases.

## Who are we?


With over 15 years of experience, we provide sustainable and economical climate solutions in the field of evaporative cooling systems.

## What Do We Do?

We design and produce fixed and portable evaporative cooling systems for industrial facilities, creating cooler and healthier working environments.

## Why Us?

- Custom designs tailored to your needs
- On-time delivery
- On-site maintenance and support
- Energy savings
- Experienced engineering team

A high-angle, aerial photograph of the ocean showing turbulent, white-capped waves crashing against a dark, rocky shoreline. The water is a deep teal color, and the foam is bright white.

THE SEA BREEZE IS REFRESHING BECAUSE WARM AIR MOVES ACROSS THE WATER'S SURFACE WITH THE WIND. THIS AIRFLOW CAUSES PART OF THE WATER TO EVAPORATE, ABSORBING HEAT AND CREATING A SOURCE OF CLEAN, COOL, AND HEALTHY AIR.





EVAPORATIVE COOLERS  
ARE MORE ADVANTAGEOUS  
THAN TRADITIONAL COOLING  
SYSTEMS.

Because,

- They deliver 100% fresh, cooled, and filtered air into the environment.
- They expel smoke, airborne dust particles, and odors outside.
- As the temperature rises, cooling efficiency and capacity increase.
- They consume less energy; up to 90% more economical compared to traditional systems.
- They provide lower initial and operating costs – up to 50% savings on purchase and more than half on maintenance and operating expenses.
- Easy to install and require minimal maintenance.
- Reduce static electricity.
- Keep doors and windows open during cooling.
- The humidity in the air is beneficial for allergy and asthma patients.
- Contain no harmful gases.



Our devices can be equipped with a **desert filter**, resistant to tough conditions.

In addition, with G4, F7, and HEPA filter options, they provide superior air quality and hygiene tailored to different needs.





Quality Indoor Air, Efficient Working Environment  
Hot air reduces efficiency. Evaporative cooling systems provide economic and eco-friendly climate control in large spaces.

- Clean and fresh air
- Lower energy costs
- Increased concentration and work performance
- Effective protection against viruses and bacteria with efficient filtration

Scientific studies show that cool, fresh air conditions improve mental performance. With evaporative systems, you can create healthy, productive, and regulation-compliant working environments.



## Natural, Eco-Friendly, and Healthy Cooling

Climate change negatively affects living and working environments. Evaporative cooling systems provide a natural solution for creating healthy and efficient indoor spaces. Compared to traditional air conditioning:

Lower energy and water consumption  
Reduced CO<sub>2</sub> emissions  
Use of recyclable materials

Evaporative cooling operates with the natural process of water evaporation, making it an eco-friendly technology. It does not contain harmful gases and continuously refreshes indoor air.



Reduce your company's carbon footprint, leave a clean breath for the future.





## VENTILATION AND CLIMATE CONTROL ECO-FRIENDLY SOLUTIONS.

Efficient Ventilation, Safe Working Environment  
Evaporatif offers energy-friendly ventilation solutions that support your commercial goals.

- System design suitable for large areas
- Smoke extraction and fresh air circulation
- Customized solutions for factories, warehouses, offices, and production facilities

With its experienced engineering team and installation support, Evaporatif provides the right ventilation systems for environments that increase efficiency and protect employee health.

EVAPORATIVE COOLING  
**AT LEAST  
80% ENERGY  
SAVINGS**







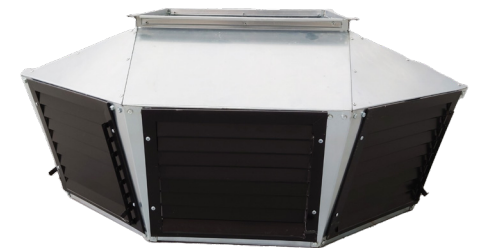
PROVIDES  
**100%**  
FRESH, COOLED, AND  
FILTERED AIR.

Robust, durable, and sustainable  
aluminum body structure.

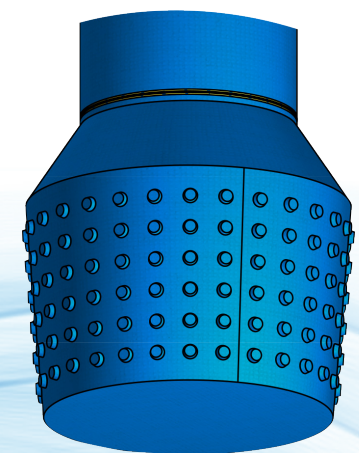
Jet Nozzle Plenum



Grille Plenum



Fabric Plenum





## What is Air Quality Control?

Evaporatif's Air Quality Control Service is designed to remove particles and harmful bacteria from the air by using various mechanical processes.



## Smoke Extraction

Ensuring adequate ventilation in the workplace provides many benefits for closed buildings where employees work in the same environment as smoke and fumes. Smoke extraction systems can help increase staff health and safety, as well as daily efficiency rates of businesses.

In enclosed spaces, particularly in industrial work environments and storage facilities, it is essential to install the most effective and suitable dust and smoke extraction systems within the field of air quality control.



## Heat Recovery Ventilation

Heat Recovery Ventilation is an important part of all ventilation systems. By regulating and controlling heat transfer, it helps save money and allows you to run your business more efficiently by making the right ventilation choice.



## Professional Support

Evaporatif's team of experienced ventilation experts offers pre-packaged solutions to meet air quality control specifications in production and storage facilities.

In addition, Evaporatif's service and maintenance department provides daily filter control services to ensure maximum efficiency and help you maintain your ventilation system's performance.

Evaporatif's smoke extraction systems are fully customized and tailored to your individual needs. The extraction system will be designed and implemented by our experts to ensure the most efficient ventilation, taking into account changing conditions in environments that require smoke removal.

# AIR QUALITY CONTROL



WITH NATURAL HUMIDITY  
BALANCE: HEALTHIER  
BREATHING FOR ALLERGY AND  
ASTHMA PATIENTS; A FRESHER  
ATMOSPHERE IN INDOOR SPACES.



LOW INITIAL COSTS, HALVED  
MAINTENANCE EXPENSES,  
AND UP TO 50% SAVINGS ON  
PURCHASE.

## MODELS AND TECHNICAL SPECIFICATIONS

EVAPORATİF EVA 20

Air Flow (m3/h)	20.000
Body	Aluminum
Pressure (for 0 Pa)	200
Fan Speed	100
Engine Output (W)	1.100 (220V-380V)
Motor Efficiency Class	EC TYPE / IE5
IP Standard	IP55
Volt	230V / 380V
Fan Type	Axial
Water Tank (l)	30
Dimensions WxLxH (mm)	1150x1150x1200
Air Outlet Diameter (mm)	Ø800
Core Area (m2)	3,4
Control	LCD Panel WiFi
Self-Cleaning Function	Automatic
Air Filter	Aluminum
Water Inlet	1/2"
Drainage	1"
Net Weight (kg)	80
Installed Weight (kg)	110

EVAPORATİF EVA 30

Air Flow (m3/h)	30.000
Body	Aluminum
Pressure (for 0 Pa)	250
Fan Speed	100
Engine Output (W)	2.200 (220V-380V)
Motor Efficiency Class	EC TYPE / IE5
IP Standard	IP55
Volt	380V
Fan Type	Axial
Water Tank (l)	30
Dimensions WxLxH (mm)	1150x1150x1200
Air Outlet Diameter (mm)	Ø800
Core Area (m2)	4
Control	LCD Panel WiFi
Self-Cleaning Function	Automatic
Air Filter	Aluminum
Water Inlet	1/2"
Drainage	1"
Net Weight (kg)	80
Installed Weight (kg)	110

EVAPORATİF EVA 40

Air Flow (m3/h)	40.000
Body	Aluminum
Pressure (for 0 Pa)	200
Fan Speed	100
Engine Output (W)	3.000
Motor Efficiency Class	EC TYPE / IE5
IP Standard	IP55
Volt	380V
Fan Type	Axial
Water Tank (l)	40
Dimensions WxLxH (mm)	1500x1500x1200
Air Outlet Diameter (mm)	Ø960
Core Area (m2)	6
Control	LCD Panel WiFi
Self-Cleaning Function	Automatic
Air Filter	Aluminum
Water Inlet	1/2"
Drainage	1"
Net Weight (kg)	120
Installed Weight (kg)	140

EVAPORATİF EVA 60

Air Flow (m3/h)	60.000
Body	Aluminum
Pressure (for 0 Pa)	200
Fan Speed	100
Engine Output (W)	4000
Motor Efficiency Class	EC TYPE / IE5
IP Standard	IP55
Volt	380V
Fan Type	Axial
Water Tank (l)	60
Dimensions WxLxH (mm)	1500x1500x1200
Air Outlet Diameter (mm)	Ø925
Core Area (m2)	6
Control	LCD Panel WiFi
Self-Cleaning Function	Automatic
Air Filter	Aluminum
Water Inlet	1/2"
Drainage	1"
Net Weight (kg)	120
Installed Weight (kg)	160

EVAPORATİF EVA 80

Air Flow (m3/h)	80.000
Body	Aluminum
Pressure (for 0 Pa)	200
Fan Speed	100
Engine Output (W)	7500
Motor Efficiency Class	EC TYPE / IE5
IP Standard	IP55
Volt	380V
Fan Type	Axial
Water Tank (l)	60
Dimensions WxLxH (mm)	1500x1500x160
Air Outlet Diameter (mm)	Ø925
Core Area (m2)	9
Control	LCD Panel WiFi
Self-Cleaning Function	Automatic
Air Filter	Aluminum
Water Inlet	1/2"
Drainage	1"
Net Weight (kg)	120
Installed Weight (kg)	180







## AREAS OF USE

- Factories and Workshops
- Industrial Application Areas
- Automotive and Metal Industry
- Food Enterprises
- Shopping Centers
- Cinemas, Exhibition Centers, Bus Terminals
- Residences, Workplaces, Workshops
- Parking Lots, Cultural Centers, Places of Worship
- Restaurants
- Bakeries, Parking Areas, Laundries
- Greenhouses, Animal Farms
- Service Facilities
- Shipbuilding Industry
- Automotive and Metal Industry
- Textile
- Sports Centers
- Car Showrooms
- Printing Houses, Plastic, Steel, Porcelain
- Children's Play Areas

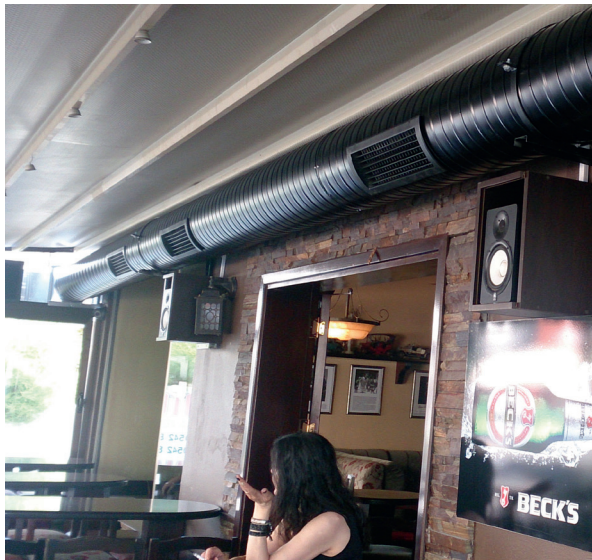
## OUR CERTIFICATES



## REFERENCES







Cafes and Restaurants



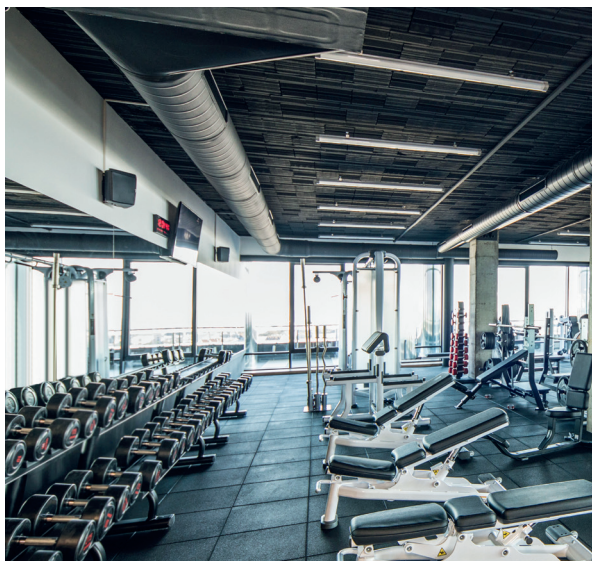
Markets



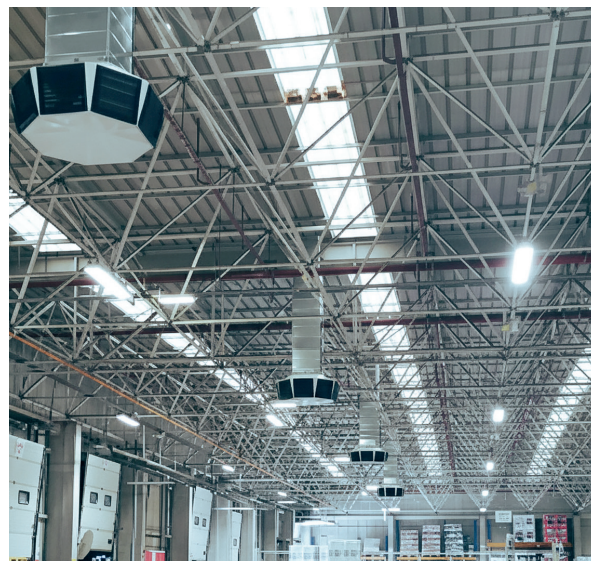
Factories and Workshops



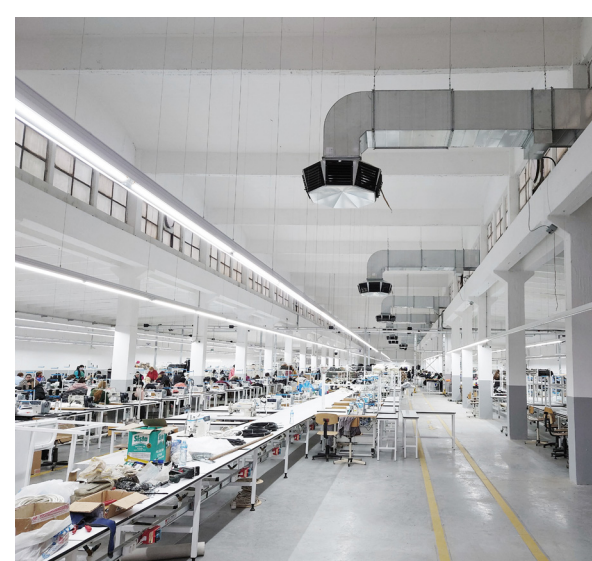
Data Centers



Sports Centers



Warehouses



Textile Industry



Food Industry



Greenhouses, Animal Farms



Automotive and Metal Industry



Shopping Centers



White Goods Sector



# EVAPORATİF



Evaporatif

## Center

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