




Evel

W I N D E P E N D E N C E

 **DTS**
AUTOMOTIVE SOLUTIONS

VENTILATION SYSTEMS

EVEL MOVES THE AIR.

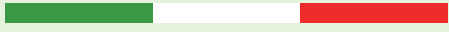
IT DOES SO GENTLY AND SILENTLY, BUT POWERFULLY.

De-stratification systems with HVLS ceiling fans help mix the air, saving up to 30% of energy in winter by reducing the need for heating, and cooling rooms in summer by decreasing the perceived temperature by up to 6° C.

**SAVE IN WINTER,
BREATHE IN SUMMER**



www.evelsrl.it



**WE ARE 100%
MADE IN ITALY**



Evel is an Italian manufacturer made by a team of specialists in HVLS fans (High Volume Low Speed) and ventilation systems. Evel's technical skills merge to design, build and market innovative systems for air treatment in large environments (Industrial/Commercial/Zootechnics) worldwide.

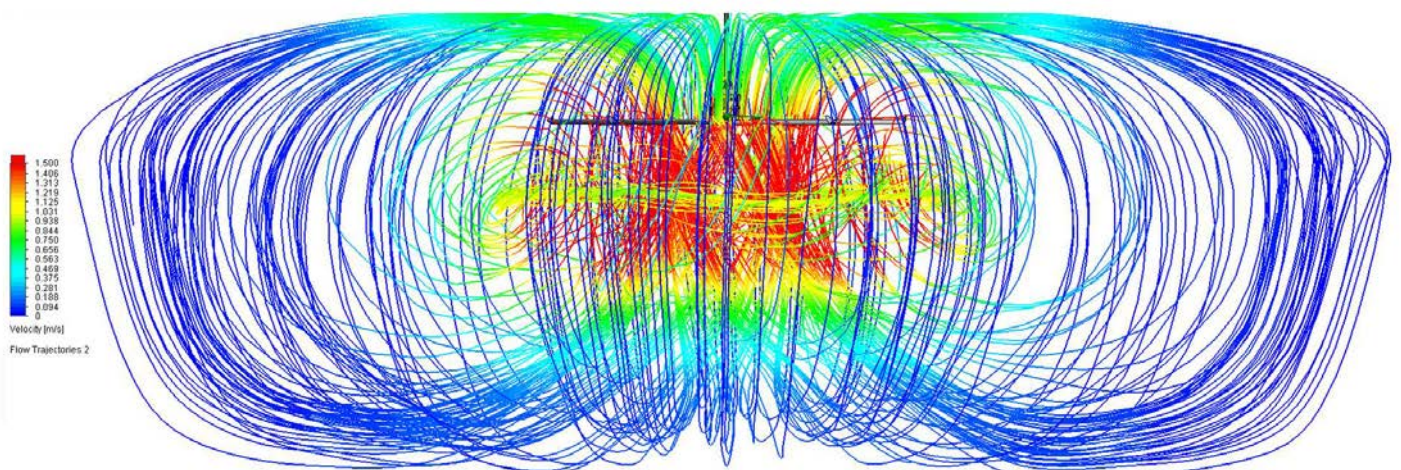
Evel is 100% MADE IN ITALY: applying the most advanced technologies to HVLS fans as brushless motor-inverters, IoT for remote assistance, airfoils studied in collaboration with university departments, we are able to provide our customers with a warranty up to 15 years.

HOW WORKS AN EVEL HVLS

By slowly rotating at low rpm, our fans create an air flow whose dimensions, depending also on the layout it encounters, can reach about 4 times their diameter, in all directions. This ventilation system is used in large spaces such as production plants, logistics centers, sports halls, department stores, where air conditioning systems are very expensive both as an initial investment and in subsequent operating costs.

The best option in these cases is Evel's **HVLS** ventilation system, with which the **perceived temperature** is **reduced from 2° to 6° C in the summer season**, while

in winter the mixing with the warmer air in the ceiling increases by 4° to 6° C the temperature on the ground with a consequent **energy saving of about 30%**. This improvement can be observed as indicated in the chart "Thermal Comfort Diagram" (<https://comfort.cbe.berkeley.edu/EN>) created by the executive for health and safety of the Berkeley's University. The HVLS fan, working in destratification mode, is ideal for large structures not equipped with the HVAC system, which reach high temperatures in summer, cold temperature in winter with a high percentage of relative humidity (specially in summer).



HVLS

High Volume Low Speed

ADVANTAGES



COSTS

Reduction of the heating costs (up to 30%) and perceived temperature in summer (up to 6° C)



INSTALLATION

They can also be installed on existing heating/cooling systems. They can be installed progressively, avoiding major initial investments.



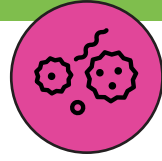
CONSUMPTIONS

They have an extremely low consumption (the maximum in winter is about 150 Watt, equal to a LED bulb, in summer it is about 600 Watt).



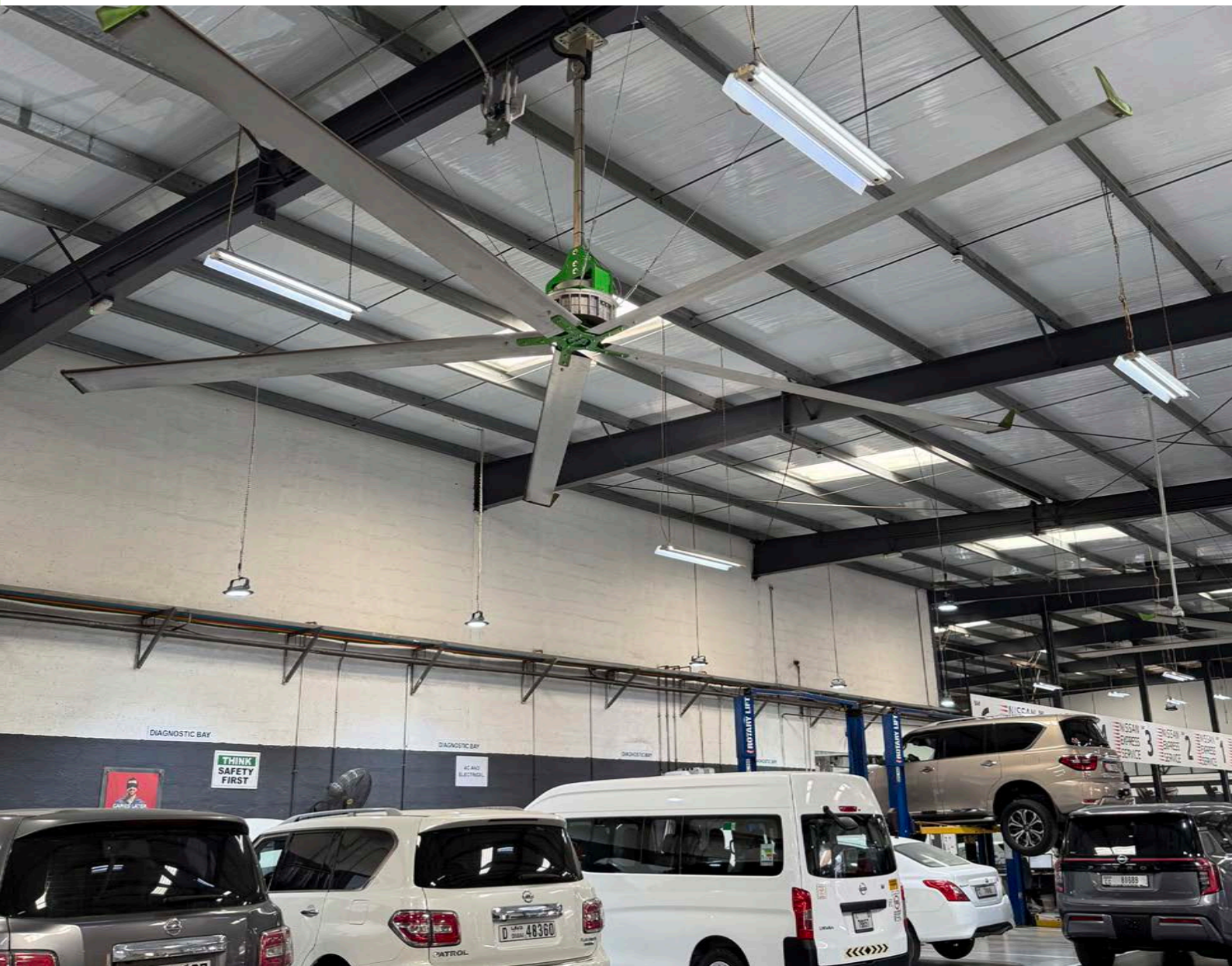
PRODUCTIVITY

Reduce downtime (in the case of CNC machines and / or hydraulic / mechanical / electronic circuits). They increase the productivity of operators thanks to greater comfort in the work environment.



HYGIENE

They decrease the proliferation of viruses, bacteria and molds. They prevent the creation of condensation on the ground avoiding deterioration of Materials and/or machinery.



The Evel system can be applied in a complex way, or its technology can be purchased individually according to needs, purpose of use, character of space or investment possibilities

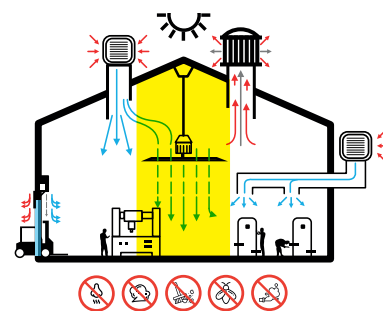
HOW DOES IT WORK IN WINTER?

HVLS Destratifiers: they move hot air downward, increasing comfort and ensuring up to 30% savings on heating costs.



HOW DOES IT WORK IN SUMMER?

HVLS Destratifiers: They de-stratify the air and, through the breeze effect, guarantee a reduction in the perceived temperature of up to 7°C.



ALREADY INSTALLED AT:

<p>SAOTTINI GRUPPO EUROCAR ITALIA</p> <p>Audi Brescia Audi Desenzano e Auto body shop</p>	<p>EUROCAR ITALIA</p> <p>Porsche Brescia Porsche Desenzano</p>	<p>EUROCAR FIRENZE</p> <p>Audi e Volkswagen Body Shop and Used Car Center</p>
<p>AutoVanti <i>PENSKECARS.it</i></p> <p>BMW Mini Saronno</p>	<p>BOLOGNA PREMIUM <i>PENSKECARS.it</i></p> <p>Jaguar Land Rover Casalecchio (BO)</p>	<p>Audi Zentrum Bologna <i>PENSKECARS.it</i></p> <p>Audi Imola (BO)</p>
<p>CSA Centro Servizi Autocarri Srl</p> <p>Anzola dell'Emilia (BO)</p>	<p>SPECIAL CAR Persone guidate dalla passione GROUP</p> <p>Elmas (CA)</p>	<p>Ascit SERVIZI AMBIENTALI</p> <p>Fornaci di Barga (LU)</p>
<p>CENTRO REVISIONI CASTELLO</p>		<p>CENTRO REVISIONI PAENZA</p>

INFORMATION REQUIRED TO PREPARE THE QUOTE:

WORKSHOP FLOOR PLAN
(drawing in PDF and/or DWG format, including perimeter measurements and heights)

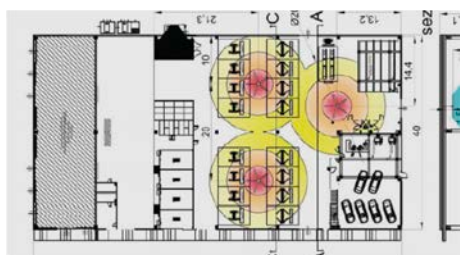
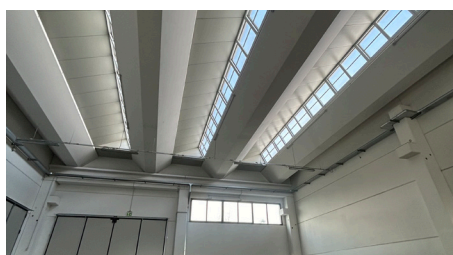


PHOTO AND/OR VIDEO CEILING
(to understand the type of bracket, presence of lamps or other systems)



SPECIAL PRECAUTIONS::
(e.g., areas with lighting systems, ducts, extraction systems, etc.)

