

**FULL CLIMATE
CONTROL,
ALL YEAR ROUND**
hybrid climate control
with minimal energy,
maximum effect



ALWAYS IN CONTROL OF YOUR GREENHOUSE CLIMATE WITH THE HYBRID AIRMIX SYSTEM

A consistent and healthy greenhouse climate, all year round. The Airmix system allows you to regulate humidity and temperature in the most efficient way possible – with closed screen, minimal energy consumption, and maximum crop reliability.

The strength of the system lies in the combination of passive and active dehumidification. In approximately 70 to 80 percent of the time, the air above the screen is dry and cool enough to ventilate, cool, and dehumidify naturally. Only when this is not sufficient does the system automatically switch to active drying via the Airmix Active, an integrated, energy-efficient heat pump dehumidifier.

Thanks to this smart hybrid operation, the screen stays closed longer. The climate remains stable and you save energy. One system, fully tailored to your crop, offers 100 percent climate control. Independent of crop, location, or weather conditions.

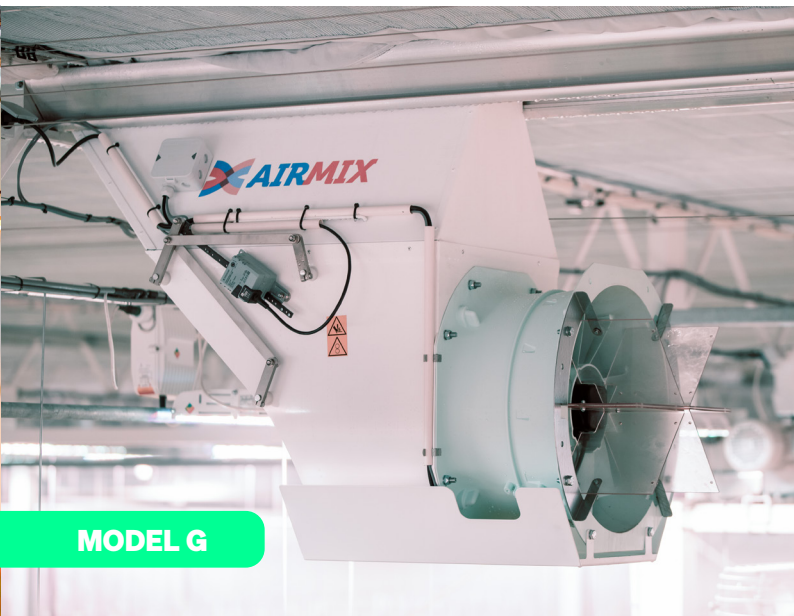
ADVANTAGES OF THE AIRMIX-SYSTEM

- Complete climate control with closed screen
- Constant temperature and humidity, day and night
- Passive and active dehumidification in one smart system
- Less disease pressure and stress in the crop
- Maximum screen utilization, minimal energy demand
- No cold drop or light emission during lighting
- Suitable for all types of screen installations and crops
- Easy to integrate into new and existing greenhouses
- Compact, modular, and scalable, tailored to your situation

One system, tailored to your greenhouse and your crop

The Airmix does more than just ventilate. Through targeted air mixing and circulation, the system ensures an even greenhouse climate, both horizontally and vertically. Warm air from above is optimally utilized and evenly distributed throughout the entire growing area.

With optional accessories, such as an exhaust guide plate or protective grille, the airflow can be precisely adjusted to the greenhouse layout. Thanks to its modular design, the Airmix is easy to combine with existing installations and suitable for any greenhouse design, screen system, and cultivation strategy.



**The Airmix system:
three functions, one solution**

The Airmix system consists of various models that together provide a fully integrated climate solution.

The Airmix T and G models provide passive dehumidification, cooling, and air distribution, while the Airmix Active also provides active dehumidification via a heat pump when required. Together, they form a hybrid system that automatically adapts to the climate conditions in the greenhouse.

Function	Airmix model T & G	Airmix Active
Passive dehumidification	✓	✓
Passive cooling	✓	✓
Air circulation	✓	✓
Active dehumidification	✗	✓
Heat recovery	✗	✓

The choice between model T or G depends on the greenhouse construction:

Airmix model T: mounted under the truss frame and provides horizontal air distribution, ideal for standard screen installations.

Airmix model G: mounted on the greenhouse gutter and suitable for situations with limited space or tall crops, with vertical air intake.

The Airmix Active is installed decentrally in combination with Airmix model T or G. This compact system is controlled via the climate computer and automatically switches to active dehumidification when passive dehumidification is insufficient. This removes moisture from the greenhouse air and simultaneously adds heat to the greenhouse climate.



With Airmix, you are choosing certainty, efficiency, and complete control over the greenhouse climate.



Vander Ende
Group