



# Orange Climate Agri

## Meet Orange Climate Agri & KE-GrowAir

365 days per year cultivation guarantee

Regardless of the location of the greenhouse or the climatic conditions, we ensure an optimal growth climate: 365 days per year, 24/7. As a grower, you know which combination of materials such as substrate, source materials, nutrients, light, air, humidity and CO<sub>2</sub> ensure the best results.

We offer you the possibility to keep complete control over the climate conditions and at the same time save considerably on energy consumption.



## **GrowAir & Orange Climate Agri: 365 d / p / y an optimal climate**

Two experts in air distribution and air treatment combine their strengths to ensure an optimal climate. Bundling our knowledge ensures that we can produce the desired specific growth conditions in your greenhouse, regardless of the greenhouse location or climatic conditions. A tailor-made solution that ensures guaranteed crop production 365 days a year, as well as substantial energy savings.

A good greenhouse with a technical installation is no guarantee of optimal crop production 365 days a year. Anyone can introduce ventilation into a greenhouse, but creating the desired air conditions, homogeneous air distribution and maintaining the ideal climate is how we differentiate ourselves. Because we use our combined knowledge to strengthen each other, we are able to supply any location with installations that create the optimal cultivation climate. All year round.

### **Additional benefits include:**

- Substantial energy savings
- Limit or completely eliminate humidity problems
- Maintenance of the CO<sub>2</sub> level
- Heat recovery with at least 90% efficiency
- Dehumidification of greenhouse air without mechanical cooling
- A single installation for various operation modes
- Homogeneous distribution of air
- Keep ventilation windows closed for longer
- Keep light screens open for longer
- Guaranteed crop production all year round
  - Improves the micro climate around the plant
  - Reduces disease control
  - Increases crop production
  - Stronger crops



## GrowAir

GrowAir offers expertise in homogeneous air solutions. With our patented hole design we ensure uniform air delivery throughout the complete length of the duct. No loss of air speed, keeping temperature and retaining the same humidity throughout the greenhouse and reduces temperature differences at different heights to a minimum.



## Orange Climate Agri

Orange Climate combines 200 years of expertise in airhandling, creating specific climates based on the end user's desired specifications. The grower maintains control over the indoor climate, with no outside influence due to climatic conditions.

Together, we deliver an optimal growth climate, regardless of the greenhouse's location. Do you have to deal with both a dry and humid outdoor climate? Or even with a warm and humid climate? Perhaps there are extreme temperature differences between day and night? Together, we create the ideal climate, which takes into account:

- the desired temperature and air humidity in the greenhouse
- the output conditions of the crop in the greenhouse
- the position of the greenhouse and the amount of sun it receives
- climatic conditions outside the greenhouse, throughout the year
- the location of the greenhouse itself

As independent organisations, GrowAir and Orange Climate Agri offer excellent products which, in themselves, already ensure a better climate and energy savings. However, our unique partnership offers you the opportunity to realise an optimum growth climate 365 days a year, to maintain complete control over the



climate conditions and to make substantial savings on energy consumption.



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