



A CONSTANT HUMIDITY ENSURES QUALITY AND EFFICIENCY

Air humidification in automotive and aerospace industries

The particular challenge in the automotive and aerospace industries is to maintain **stable climate control during production processes**, e.g. in foundries, on production lines, in production machinery and in paint shops. These industries are subject to a constant need for optimisation and have to ensure that they use the most efficient methods and eco-friendly products. Stable climate control and adjustable air humidity play a key role in these processes.

The advantages at a glance

- **Vehicle paintwork** using water-based coloured lacquer requires precise, reliable temperature regulation and humidity conditions in the paint shop.
- The use of **new materials** such as carbon fibre requires stable and accurate air humidity control.
- Ensures the necessary **environmental conditions to test** the durability of mechanical and electronic components under extreme conditions.
- The risk of disruption to production processes and equipment because of **electrostatic discharge** is avoided with a relative humidity of at least 40%.
- A comfortable climate of 40-60% relative humidity increases productivity and also helps **reducing employees' health-related absences**.



Constant humidity
for industry and processes

We take responsibility for
more sustainability.