

# Storage and Transportation of Powders

Caking of powders and granules is a frequent problem in the food and chemical industries leading to halts in production and product losses.

Powders and granules are often very sensitive to humidity. On contact with air that is too humid or contains water droplets different phenomena appear:

- Formation of a crust/blockage in silos
- Clogging of pneumatic transportation systems
- Blockages in machines

But also

- Mould and bacteria development
- Reduced quality of final products

Humidity air control allows for the immediate prevention of all these problems. Our expertise enables us to guarantee a humidity level which is always below the dew point, to prevent condensation and maintain relative humidity at less than 60%. This halts the development of bacteria and mould and if necessary guarantees a constant level of temperature and humidity, thus avoiding humidity returning and causing blockages.

Munters supplies dryair systems on a worldwide scale to various silos, pneumatic transport, conveying and bagging rooms...



Free flowing powders



## Advantages

- Product quality is maintained
- Constant production
- Food safety enhanced
- Productivity gains
- Reduced maintenance
- Energy savings

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**Munters**

The Humidity Expert