



PROCESS
AIR
DRYING



ULT Dry-Tec®

Extraction. Filtration. Persistence.



The sorption dryer, **ULT Dry-Tec®**, is a ready-to-connect **compact** device module, particularly designed for process air dehumidification at extremely low dew point temperatures. A residual moisture content of down to 0.05% at 20°C (-66 DP) can be achieved in closed process air cycles. The **ULT Dry-Tec®** standard module series can be utilised for process air volume flow rates from 500 m³/h to 7,500 m³/h.

A tailored air return concept with optional rotor cooling and an integrated regeneration heat recovery provides high degrees of efficiency at low energy loss.

The sorption rotor, coated with a silicate zeolite compound, ensures an ideal adsorption ability at high process air humidity and constant extraction performance at low residual moisture contents.

Application fields:

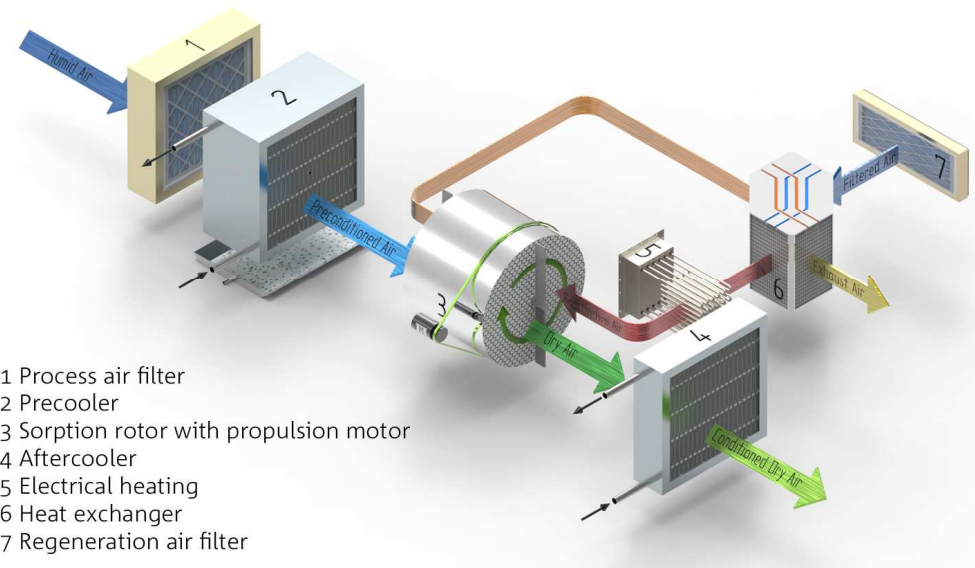
- Chemical, pharmaceutical, food processing industries
- Battery production
- Electronics manufacturing
- Clean rooms, test chambers, dry areas and many more

Benefits:

- High performance at low residual moisture
- Compact design
- Easy handling through modular construction
- High energy efficiency by means of low pressure loss and ideal heat recovery
- Continuous and safe process monitoring
- Extensive safety and reporting technology

Options:

- Pre- and post-filters classes G, M, F and H available
- Housing modules in stainless steel design
- Sorption rotors in stainless steel design
- Integrated heat recovery (regeneration air flow)
- Pressure regulation in process room
- Volume flow control of process air and regeneration air
- Cooling modules ULT Cool-Tec™ (pre- and after-cooler technology)



Sorption module ULT Dry-Tec®
pre- and after-cooler modules ULT Cool-Tec™ (V and N)