



Container Drying

Drying Station as separate process unit

SERVOLIFT



► Container Drying

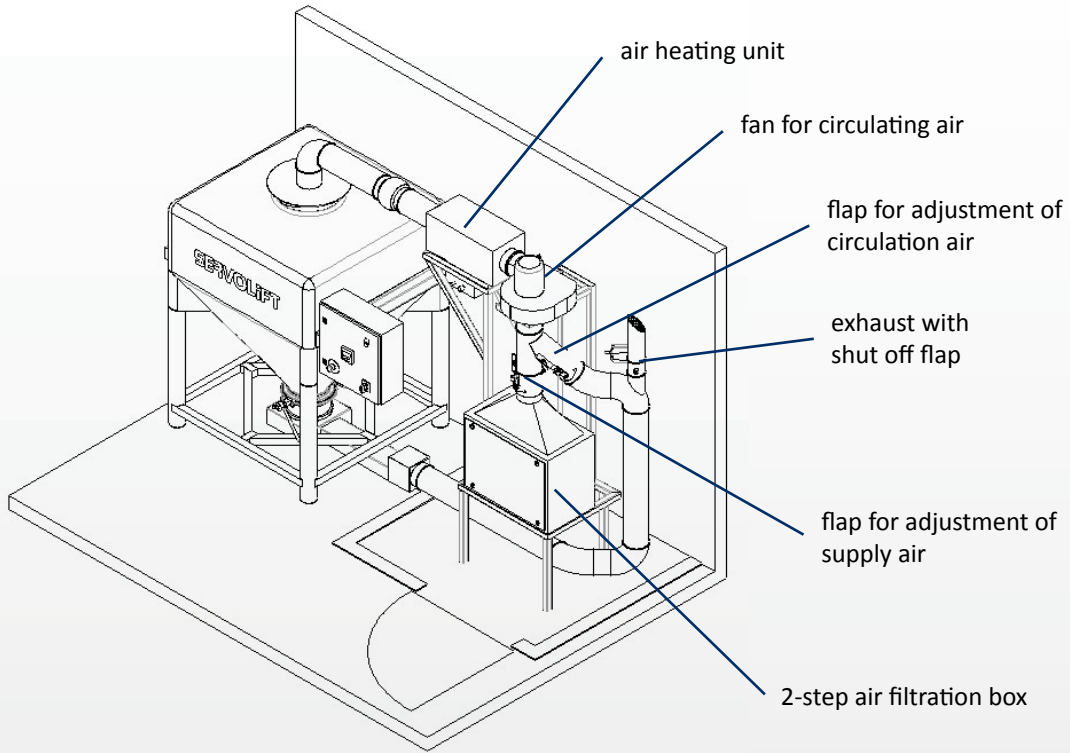
This complete unit guarantees drying in shortest time and smallest energy consumption. As separate drying station, containers are inserted manually and dried controlled by timer. While the technical aggregate is placed in a separate (technical) room, drying takes place in GMP area.

All parts in contact with the drying air are completely made of AISI 304 and sealings conform to FDA requirements.

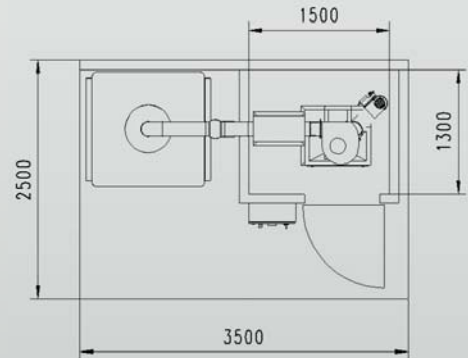
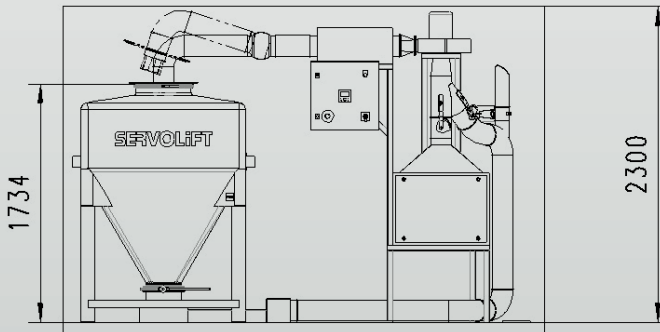
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- Circulation air adjusted to container size: approx 650m³/h
- Exhaust / supply air: max 400m³/h
- Drying temperature: 60 oder 80°C
- Electrical heat exchanger: approx. 9 kW
- Relay control: push buttons, timer, light signals
- Filter unit / class: F9/H13
- Air contact materials: AISI 304, sealings conform to FDA



The system bases on recirculation and necessary air flow for drying, which is heated up to drying temperature. The supply / exhaust air flow amount is limited to max. rate of 20-40% of total flow for optimization of energy consumption based on thermodynamic design. The supply air is prepared for hygenical use by passing a 2-step-filter system with class F9/H13.