

POWERFUL – SILENT – ENERGY-SAVING

PowerHeater[®] TCO2000E



YOUR ADVANTAGES

- ▶ **Heat Exchanger**
Innovative top performance by flue gas counterflow technology
- ▶ **Modern Fan Technology**
Freewheel fans with backward curved blades
- ▶ **Frequency converter (FU)**
Optimal, stepless speed regulation and gentle motor start
- ▶ **Customer-friendly Maintenance**
Easy access to the heat exchanger, heating pockets without turbulators

The redesigned Power Heater enables a highly efficient hop drying together with resource-conserving operation. **The heart** of the device is the combustion chamber. The challenge to be met is an optimal exploitation of the combustion space and the side areas. That's exactly what is achieved by the cone-shaped body, assuring an even firing performance. **Fans** of energy efficiency class IE3 with pressure stable freewheel and backward curved blades.

The major innovations at a glance:

- ▶ Conical heating cavities; 2/3 to 1/3 flue gas case: The asynchronous tapering guarantees a constant flue gas velocity and highest energy efficiency.
- ▶ Embossed heating cavities, thus no turbulators necessary – assuring an uncomplicated maintenance.
- ▶ Air guidance in counterflow principle: The procedure guides the smoke flue forward through the oven, increasing efficiency considerably.
- ▶ High-grade materials: The heat-resistant combustion chamber made of stainless steel incl. acid-proof flue gas case have got an efficiency of „92% plus“ and a much longer lifetime, enabling a modulating / condensating operation at lower exhaust gas temperatures.
- ▶ Chimney connection 450 mm

