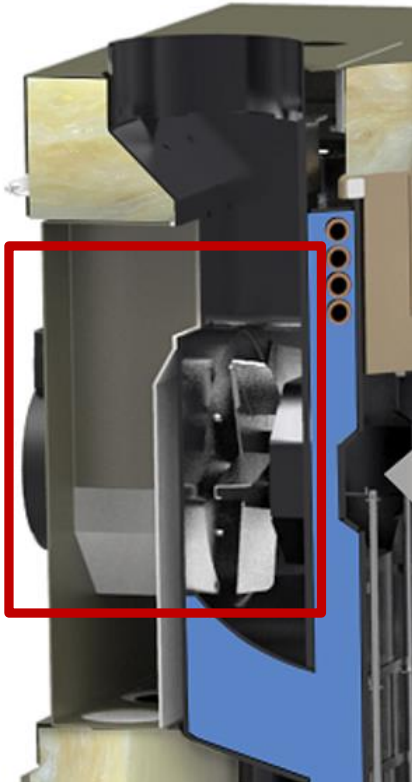


SPEED-CONTROLLED EC INDUCED DRAFT FAN IN ECO MODE

Lowest emissions and highest efficiency with the highly efficient EC induced draft fan from Sommerauer

NEW
at Sommerauer



With EC to 45% less power consumption!

MAXIMUM SAFETY WITH UNDERPRESSURE IN ENERGY-SAVING ECO MODE

Extremely quiet and equipped with electronic speed control, the EC induced draft blower has up to 45% less power consumption in ECO mode than conventional AC induced draft blowers.

- ✓ Energy-saving EC induced draught fans in ECO mode with electrical speed control keep operating costs extremely low
- ✓ You achieve up to 45% less power consumption than conventional AC induced draft blowers
- ✓ Ensures the exact amount of air required (primary and secondary air volumes) and stabilises it during combustion (permanent optimisation of combustion)
- ✓ A significantly higher efficiency is achieved than with conventional induced draft blowers
- ✓ Air volumes are adapted fully automatically to different material qualities and individual output ranges by means of precise speed and lambda control in ECO mode, thus ensuring ideal combustion conditions
- ✓ Permanent monitoring and optimisation of combustion for maximum operational reliability

- ✓ Maximum operating comfort through speed control and underpressure control

ALTERNATIVE SYSTEMS

- ✗ If alternative systems were to use induced draft blowers with AC motors, they would have lower efficiency, higher power consumption, consume more electricity and could not have electrical speed control.

INNOVATIVE & EFFICIENT ERGONOMIC EMBERS BED HEIGHT MONITORING

Sophisticated embers bed height monitoring by means of fuel level flap and non-contact angle sensor

NEW
at Sommerauer

PATENTED
Patent no. EP3789670B1



INNOVATIVE TECHNOLOGY FOR EFFICIENT COMBUSTION STATE

An ergonomically adapted fuel level flap, which responds to a non-contact angle sensor, determines the exact ember bed height and achieves the most efficient combustion state.

- ✓ Despite different fuel, the exact ember bed height is determined by means of a non-contact angle sensor.
- ✓ The ergonomic, sloping shape adapts ideally to the fuel introduced at an angle through the stoker screw and ensures exact values.