



sustainable



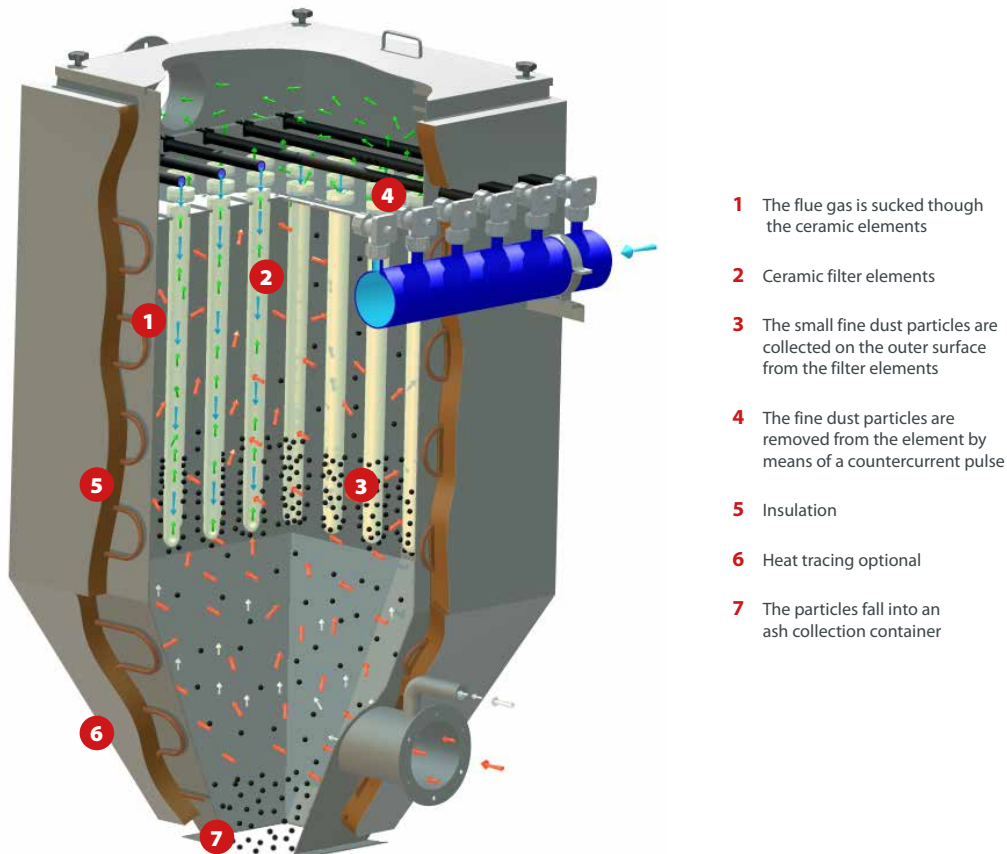
carbon neutral



FINE DUST FILTER

Fine Dust Filter for Biomass-Firing Systems

The fine dust filter NGFL is offered in a compact and modular design. The filter is available for automatic fed, biomass-firing systems. This fine dust filter works with microporous ceramic filter elements for highest separating performance of up to 99,99% efficiency. This means in practice dust levels of $< 1 \text{ mg/Nm}^3$ are achievable.



Advantages	Technical Data
<ul style="list-style-type: none"> ✓ residual dust quantity $\leq 2,5 \text{ mg/Nm}^3$, typically $< 1 \text{ mg/Nm}^3$ ✓ no cyclone pre-separator needed ✓ ceramic filter elements temperature-resistant up to $> 1000 \text{ }^\circ\text{C}$ and resistant towards burning and flying sparks ✓ automatic time and difference pressure controlled cleaning of the filter elements by compressed air ✓ automatic ash removal depending on ash quantity ✓ retrofitable ✓ compact, modular design ✓ fulfills the requirements of all currently valid funding programmes ✓ also for waste wood ✓ remote maintenance 	<ul style="list-style-type: none"> + max. flue gas side flow resistance: 30 mbar + max. temperature: up to $400 \text{ }^\circ\text{C}$ + integrated or separate control for retrofitting + 8 standard sizes or by customer requirements + dust bins: in different sizes + mineral wool insulation: 60 mm



sustainable. innovative. reliable.