

HIGHLY EFFICIENT INNOVATIVE FLUE GAS CONDENSER

The highly efficient and compact flue gas condenser with a maximum efficiency of 110.4%!

NEW

Cooperation partner
of TÜV SÜD



Efficiency world records with 109.5% - 110.4%!

HIGHLY EFFICIENT, INNOVATIVE AND EXTREMELY COMPACT

With the optionally retrofittable flue gas condenser of the ECOS (70-120 kW), energy efficiency can be implemented to the technological limit of what is feasible! This was achieved through intensive development work, CFD simulations, calculations and detailed practical tests.



Efficiency
to **110,4%**
Condensing techn.

PATENTED
Patent no. EP3792552B1

✓ Highly energy efficient with a max. efficiency of 110.4% at 70 kW, 110% at 100 kW and 109.5% at 120 kW nominal load operation with wood chip fuel.

✓ Extremely energy efficient with an efficiency of 105.1% with 70 kW, 105.5% with 100 kW and 105.4% with 120 kW nominal load with pellet fuel.

✓ The highly efficient flue gas condenser can be used for the ECOS as a hybrid, flexibly for pellets as well as for wood chips!

✓ Innovative and in-house developed cleaning technology completes the efficiency of the ECOS flue gas condenser.

✓ The flue gas condenser is CFD-simulated and calculated, and therefore extremely compact in its dimensions. It can therefore be used in a very space-saving way!

Very compact design of the ECOS flue gas condenser.



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Watch video
and report