



CATHILD Energy Efficiency and Savings.

Achieve major reductions in thermal and electrical energy consumption.



Scan and discover

-50% on your electric consumption

High-efficiency motors featuring electronic speed variation

10 to 20% savings

thanks to better regulation

-30% on your thermal consumption

with dryer HP +WRG
and energy recovery through thermal inertia on dryer HCLT



LOW ENERGY EQUIPMENT



CATHILD INDUSTRIE



ENERGY SAVINGS



HEAT RECOVERY SYSTEMS WRG

Cathild WRG cross-flow tubular heat recovery units are custom-built to achieve optimal efficiency based on the type of dryer and to maintain performance over time.

They are available as passive or active units, equipped with autonomous extraction and convergent/divergent sections for high-performance versions.

Energy savings can reach up to 30%, with the lowest energy consumption per liter of water evaporated on the market, around 0.9 kWh.

VENTILATION WITH HIGH-EFFICIENCY MOTORS

The main and extraction ventilation motors are high-efficiency, enabling **up to 25% lower** installed power and energy consumption while maintaining the same air speed.

ELECTRONIC SPEED DRIVE

The electronic speed drive is fully automated in real time throughout the drying cycle, adapting to wood species and thickness. When combined with sinus filters, **it cuts energy consumption by 25%**, ensures uniform and optimal drying, and greatly extends motor lifetime.

RECOVERY BY INERTIA

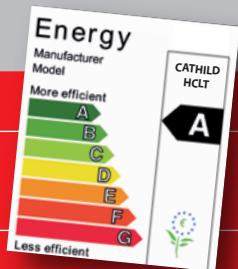
Energy recovery by inertia on **HCLT** dryer models. **Achieves up to 30% energy savings** and reduces the required boiler capacity by the same proportion.

CATHILD INDUSTRIE

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CATHILD:

Lowest thermal consumption on the market



Very low power consumption

High-quality, uniform wood drying at the end of the cycle

Smart regulation to avoid excessive energy use