

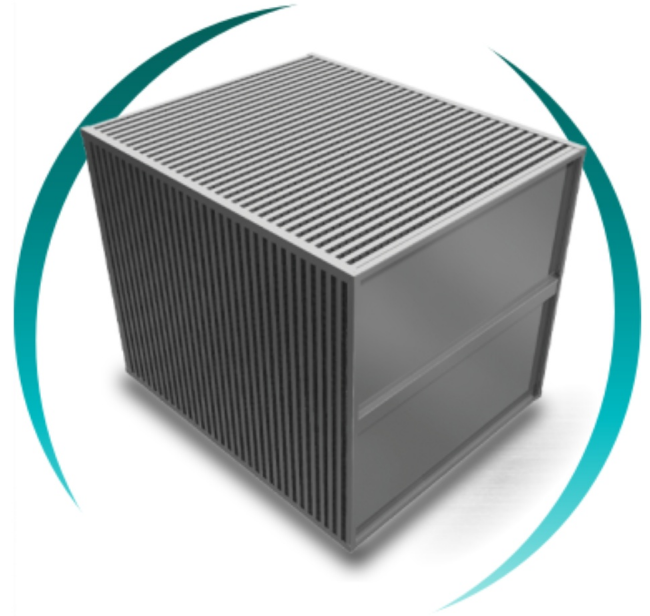
Cross-flow recovery unit

Plates for clean air without fouling



Equipment for thermal-energy recovery between two gas streams, based on plate technology, where the two air flows cross without mixing. A high-efficiency solution for clean gases, in environments where no fouling is admissible, integrable directly into air-handling units (AHUs) and industrial ventilation systems of all kinds.

Ideal for energy recovery in HVAC, industrial ventilation, greenhouses and breeding farms, sericulture and processes where the outgoing air flow transfers energy to the incoming flow without direct contact between the two streams. It can work with high pressures, high temperatures and dusty or corrosive environments, provided the gas is clean and filtered. Unlike the air-to-flue gas exchanger, it does not admit high fouling levels. The design is modular, stackable and integrable into existing ducts, with single or multiple cross-flow configuration defined from the real process data.



TECHNICAL SPECIFICATIONS

Technology	Cross-flow plates
Admissible fluids	Clean / filtered gases
Admissible fouling	Minimal (filters required)
Integration	AHUs, ventilation ducts
Configuration	Single or multiple crossflow
Pressure / Temperature	High / High (clean gas)
Typical application	HVAC, industrial ventilation

Compact

duct-integrable

**High
eff.**

energy recovery

Clean

requires filtered
gas