

# Gas-Liquid Heat Exchanger for ventilation systems

**Version** The Colasit gas-water heat exchanger in plastic for corrosive exhaust air and gases has a modular design and is used for energy recovery. The size and construction are designed according to the requirements for melt stream and performance as well as the use for clean and polluted exhaust air and gases. All components are made of thermoplastic materials.

Colasit heat exchangers are cleaned by means of pressurized water or, if necessary, by use of chemical detergents. The high degree of corrosion resistance allows chemical cleaning of the Colasit heat exchanger.

Material housing: PP, PPs, PPs-el, PE, PVDF  
Material heat exchanger: PE, PVDF  
Operating temperature gas side: until +140 °C

**Application** A contribution to the environment and sustainability.

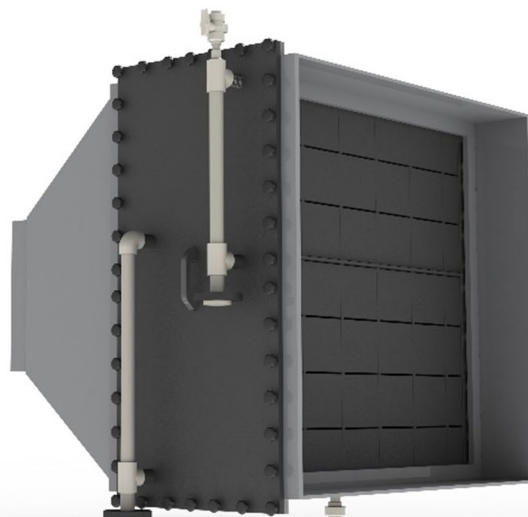
Heat recovery processes from aggressive waste air  
E.g. in electro- plating in the chemical industry, in the electronics industry

Cooling aggressive waste gases from scrubbers and heating up subsequently  
E.g. in drying technology, during chemical metalworking, waste incineration, sewage sludge incineration

Condensation of vapours  
E.g. in the chemical, pharmaceutical, drying technology industries

**Construction** Pipe package made of PE, Collector lying in the gas flow. Tightly welded casing with integrated condensate collector and flange connection

**Accessories** Cleaning system  
Droplet separator



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**COLASIT AG**  
Plastic construction • Faulenbachweg 63 • CH-3700 Spiez  
Phone +41 (0)33 655 61 61 • ventilations@colasit.com  
[www.colasit.com](http://www.colasit.com)

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