

Sunny outlook for the environment



Ecopure® RTO: for the efficient purification of exhaust gas




Technologies · Systems · Solutions

Ecopure® RTO – thermal oxidation



Proper and clean


Regulations are becoming tougher. The limiting values and directives concerning the purification of exhaust gases and disposal of liquid residues are becoming increasingly more severe. Environmental & Energy Systems is one of the world's leading suppliers in the field of exhaust air and gas purification.

Whether for automotive, pharmaceutical, chemical or carbon fibre applications, in the paper, textile or surface coating industry: Dürr provides complete solutions that convince with respect to design, realization and service. 

Creating the right atmosphere

Optimized reaction

During thermal oxidation, solvents and hydrocarbons are decomposed to water vapor and carbon dioxide. *Ecopure®* RTO systems are the preferred solution for exhaust air flows with a pollutant concentration of up to 10 g/Nm³. The system can be operated in autothermic mode even with concentrations of polluted gases below 2 g/Nm³. The addition of fuel can be dispensed with in this mode and the system operates without supporting flames.



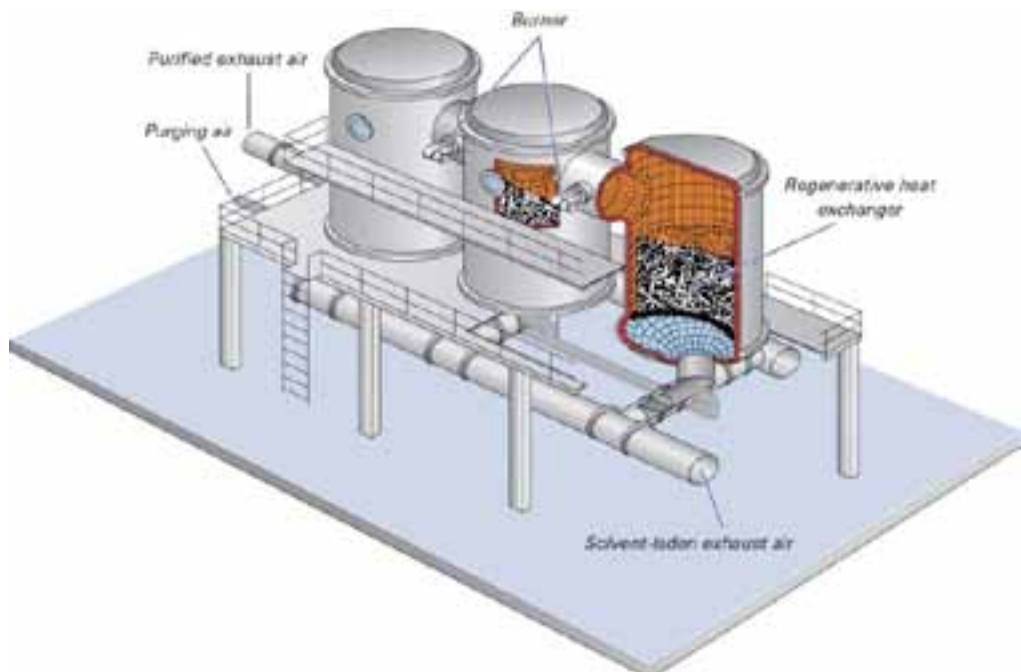
Ecopure® RTO – a question of layout

All good things come in threes

The RTO system is available as a compact version with cylindrical tanks or as rotary version (RL system), depending on the proposed application. For the chemical industry corrosion resistant RTO systems can be delivered. Compact systems easily satisfy the requirements of standard thermal oxidation applications. If the available space is very limited, the rotary version (RL system) offers a good solution for low and medium pollutant concentration.



Systems that think ahead



Ecopure® RTO – improves every working atmosphere

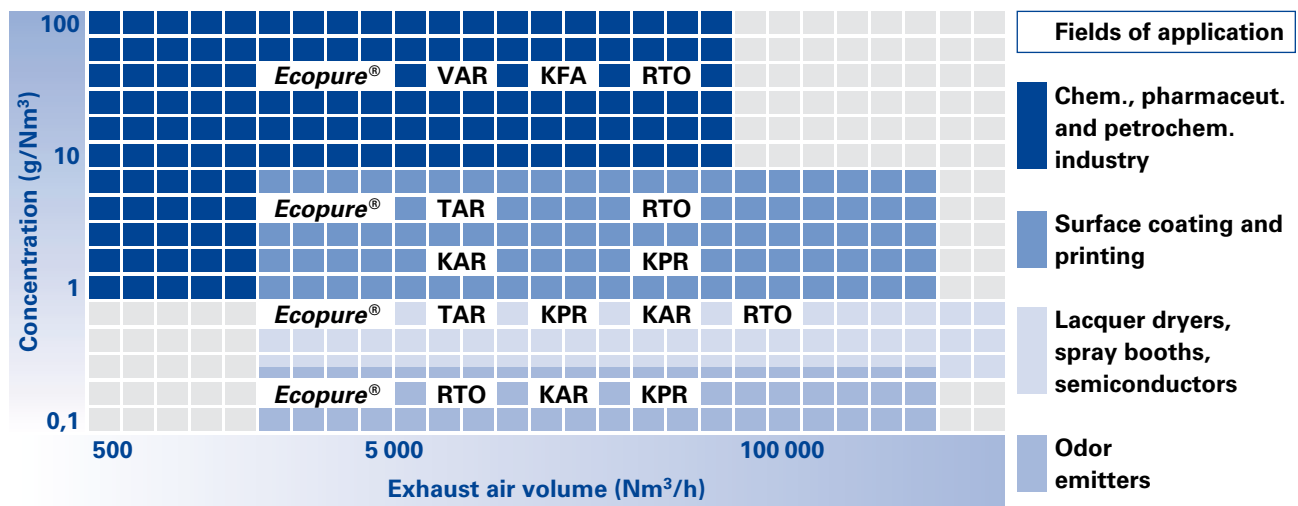
Enjoy all benefits without any worries

- Worldwide leading technology for the safe exhaust gas and air purification
- Experience in almost every sector of industry
- Low operating costs
- Excellent gas purification values
- Autothermic operation available with pollutant concentrations below 2 g/Nm³
- Options for heat recovery
- Optimized versions for diverse pollutant types and quantities

Environmental & Energy Systems

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Environmental & Energy Systems – high technology in environmental protection



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