

Best performance for the nature



Ecopure® KPR: for the effective concentration of solvents




Technologies · Systems · Solutions

***Ecopure*[®] KPR – environmental solutions**




We get the best out for you

Where clean production and successful energy management are concerned, exhaust air purification systems by Dürr are in demand all over the world. Thanks to the wide scope of available technologies and processes, the complete solutions supplied by Dürr also provide to economic and ecological impacts.

For applications involving high exhaust air volume flows with low pollutant concentrations in the paint-application, surface coating, printing and semiconductor industry, as well as in the chemical industry, Dürr has developed a special process for the effective concentration of solvents: *Ecopure*[®] KPR. The world-wide biggest exhaust air purification system with *Ecopure*[®] KPR speaks for itself. 

***Ecopure*[®] KPR – sometimes less is more**

Concentrating on the essential

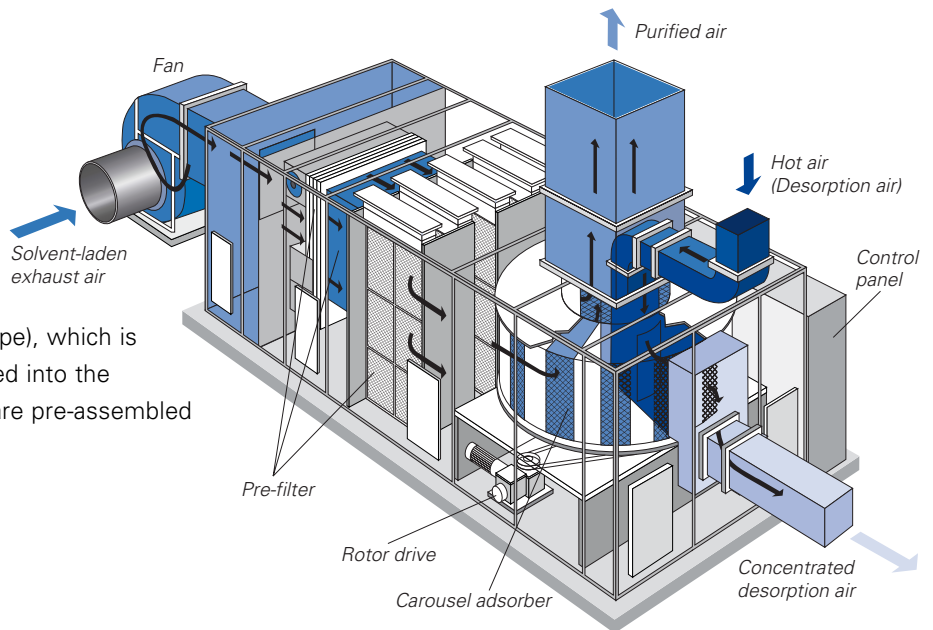
Adsorption is the magic formula for everyone who likes to save money in their waste management. The innovative *Ecopure*[®] KPR systems can save money in all applications involving high exhaust air volumes with low pollutant concentrations, because they concentrate the polluted air to a fraction of its original volume. The smaller the polluted volume, the lower the resultant investment and operating costs of the subsequent disposal. 



Ecopure® KPR – modular and durable

Convincing systems

Ecopure® KPR systems distinguish themselves by their intelligent, modular structure and optimized accessibility. All essential individual components such as the exhaust air fan, the pre-filter as well as the adsorption rotor (Cylinder- or DISC-Type), which is the heart of the system, are integrated into the Ecopure® KPR module housing and are pre-assembled in our workshops.



Ecopure® TAR/RTO – perfect disposal

Thermal destruction

Our recuperative thermal exhaust air purification systems Ecopure® TAR or regenerative thermal oxidation systems Ecopure® RTO provide the efficient and economic disposal of the organic and combustible pollutants that are concentrated in the desorption air from the Ecopure® KPR system. As an alternative to incineration, we can optionally provide solvent recovery concepts where high quality solvents are re-used. Dürr in-house manufacturing ensures a high level of quality and flexibility.



Ecopure® KPR – with a clear conscience into the future

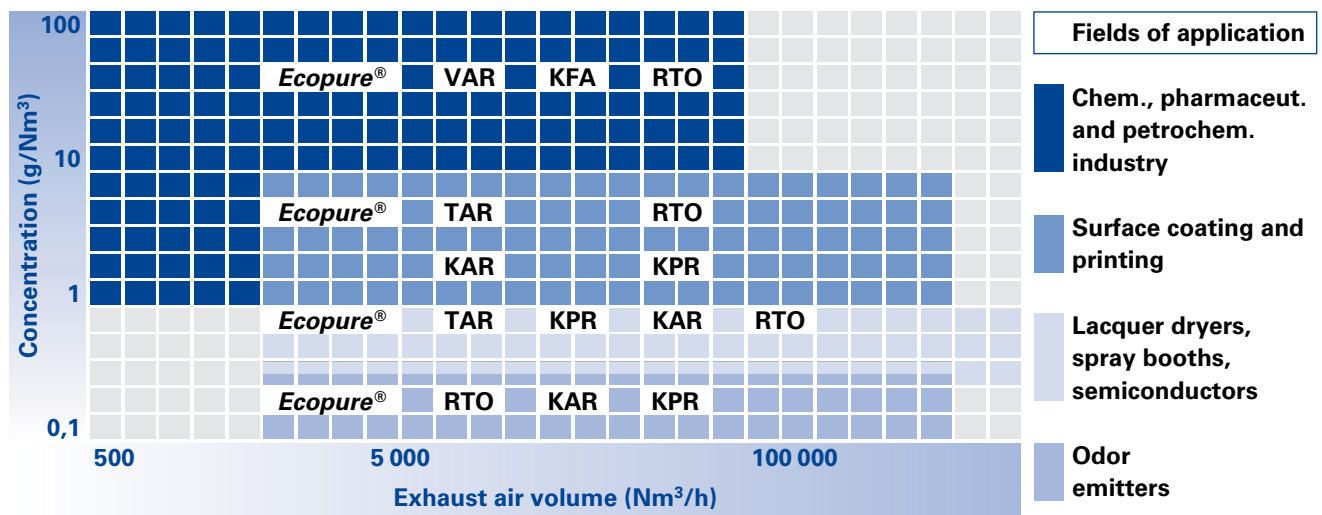
Concentrated benefits for your projects

- Worldwide leading technology for complete and safe exhaust gas and air purification systems
- Experience in almost every sector of industry
- Effective processes for the concentration of solvent-laden air
- Low operating and maintenance costs
- Very high degree of purification
- Modular structure pre-assembled at the factory
- Dürr in-house manufacturing
- Proven *Ecopure*® oxidation processes for the purification of the desorption air

Environmental & Energy Systems

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Environmental & Energy Systems – high technology in environmental protection



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