

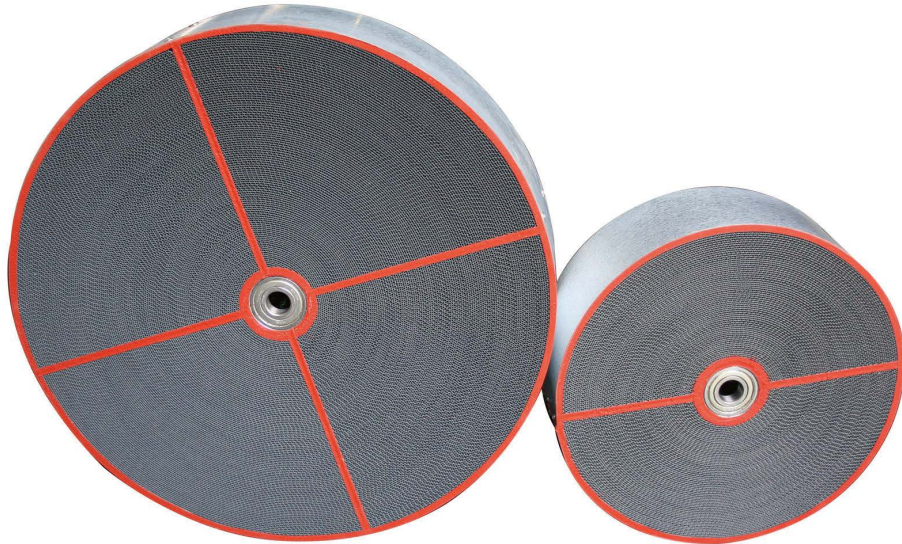
Puresci[®]



PRODUCT CATALOG

Global leader in desiccant rotor & application technology solution

PSS



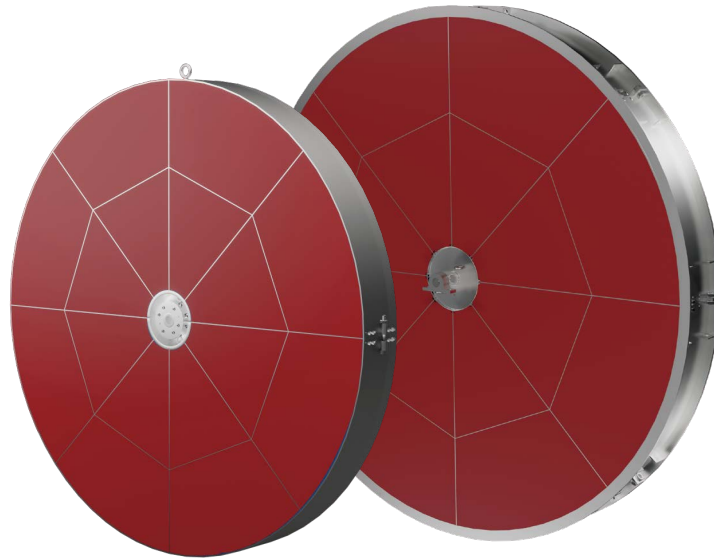
Cost-effective
High surface
Strength Long Service Life

PSS production process and performance has been tested by the market for many years, and it has been highly recognized by customers all over the world, playing a pivotal role in the field of dehumidification.



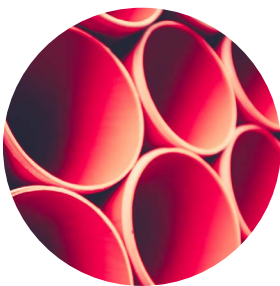
Refer to Puresic for specific data

PSS - S



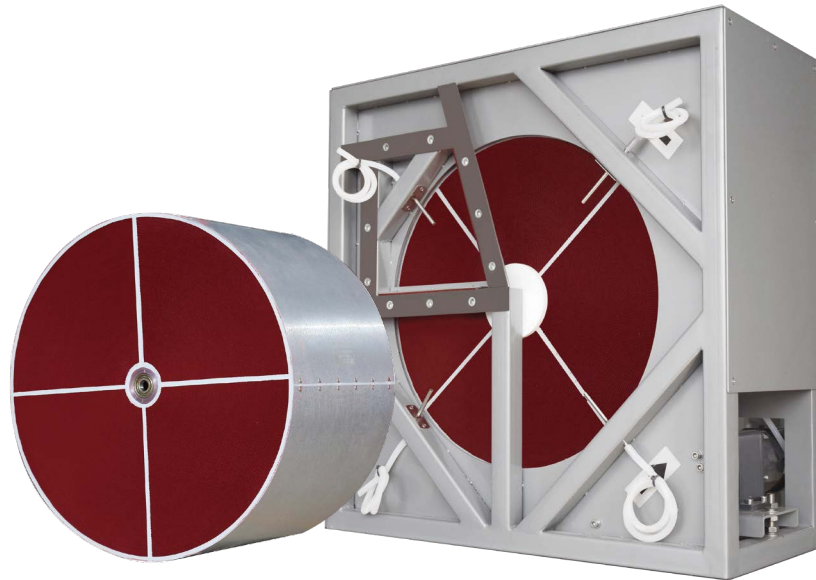
Efficiency improvement
high performance
refrigeration and energy saving

PSS-S is the first product obtained in the process of focusing on desiccant rotors and solutions, which is different from the previous regular PSS.



Refer to Puresic for specific data

PST



**Saving 25% regeneration energy
deep dehumidification
patented product**

Focusing on low dew point dehumidification operation (Middle temperature regeneration 70°C ~ 90°C).



Refer to Puresic for specific data

PSC



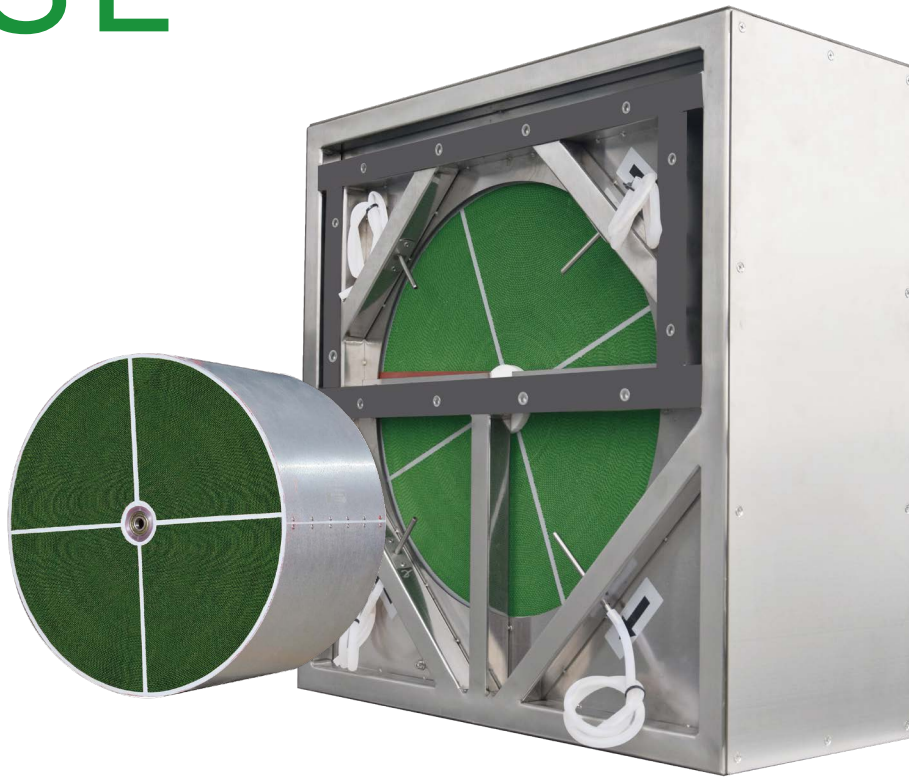
Energy - saving
Middle temperature regeneration
Double Rotors low dew point

Focusing on low dew point dehumidification operation (Middle temperature regeneration 70°C ~ 90°C).



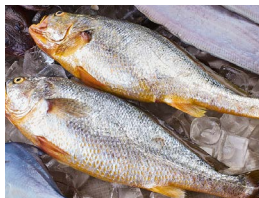
Refer to Puresic for specific data

PSL



Low temperature regeneration
low dew point
independent temperature and humidity control

PSL(PSL-B ,PSL-C) regeneration temperature is only 40°C ~ 60°C,
and the low-grade heat source can be completely satisfied.



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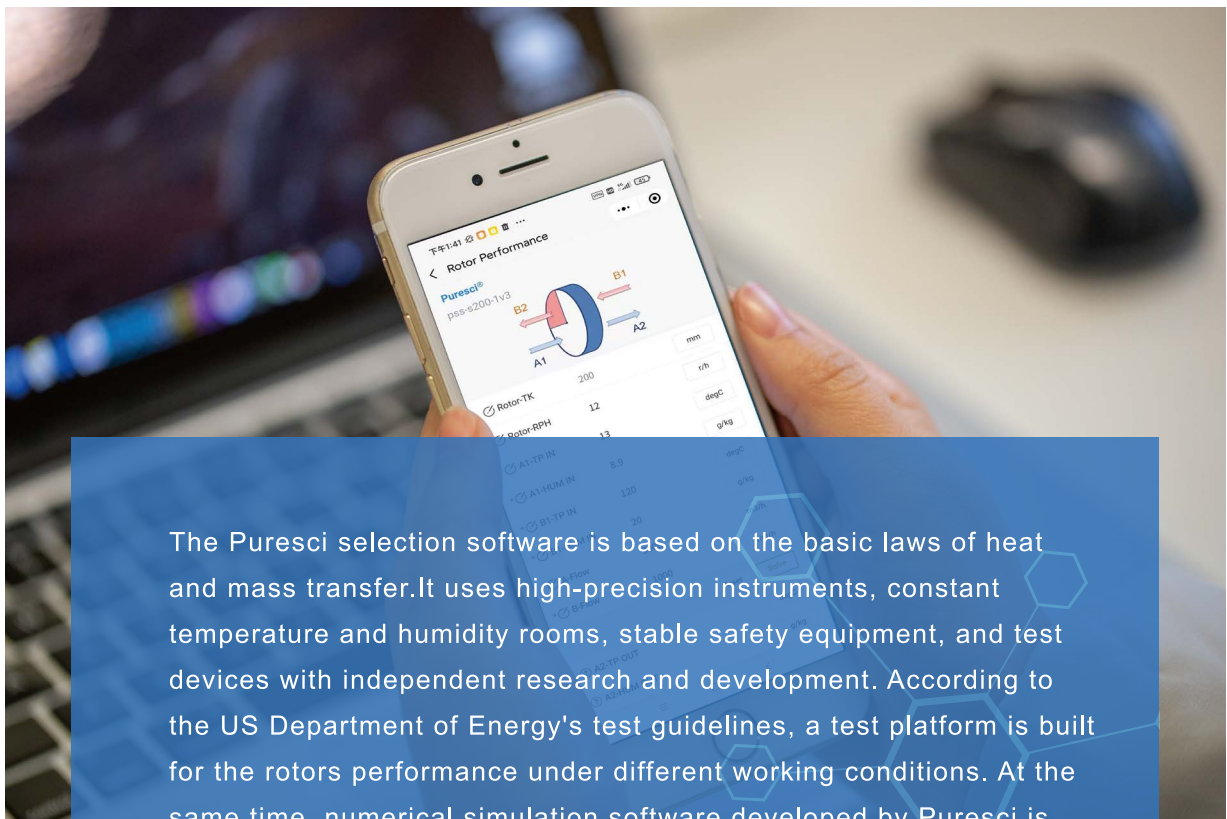
Rotor Selection

The digital selection software is constantly updated to improve efficiency and professionalism.

Puresci is committed to providing customers and users with technical solutions based on different application scenarios.

Based on excellent R&D capabilities, Puresci has developed digital selection software to support customers' product selection issues during pre-sales. Quickly collect requirements, accurately select product models and sizes, and generate required documents or data, everything can be achieved with only one selection software.

Puresci always advocates the use of digital tools to save time and improve professional skills, so as to provide precise solutions.



The Puresci selection software is based on the basic laws of heat and mass transfer. It uses high-precision instruments, constant temperature and humidity rooms, stable safety equipment, and test devices with independent research and development. According to the US Department of Energy's test guidelines, a test platform is built for the rotors performance under different working conditions. At the same time, numerical simulation software developed by Puresci is used to simulate the heat and mass transfer process of the rotors from one-dimensional to three-dimensional models. Experimental test and simulation results mutually verify and correct each other to obtain test data close to actual engineering applications. Then a mathematical model is established, and after repeated verification tests and simulations, a systematic selection software is formed.

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Focus on Air Handling



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