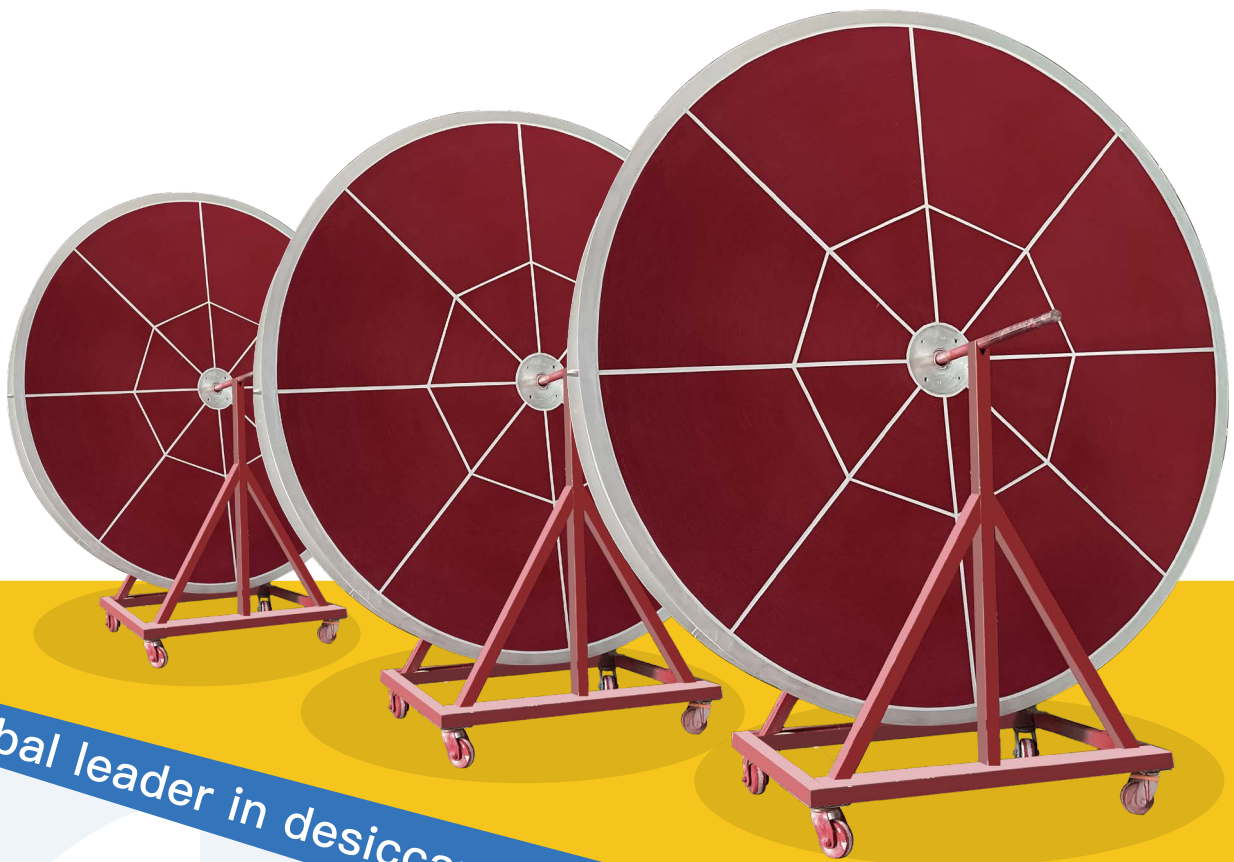


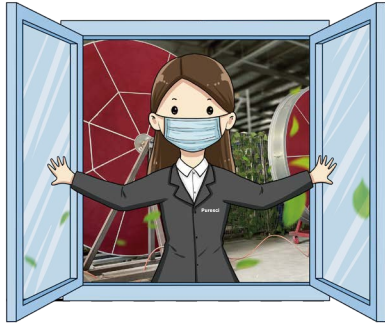
Puresci[®]

DESICCANT ROTOR MANUAL



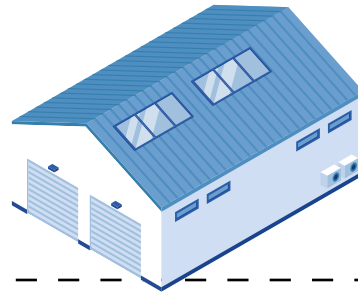
Global leader in desiccant rotor & application technology solution

Storage Conditions



 **Ventilative**

 **Dry**



 **Clean**

Prohibit to Deposit



Moist

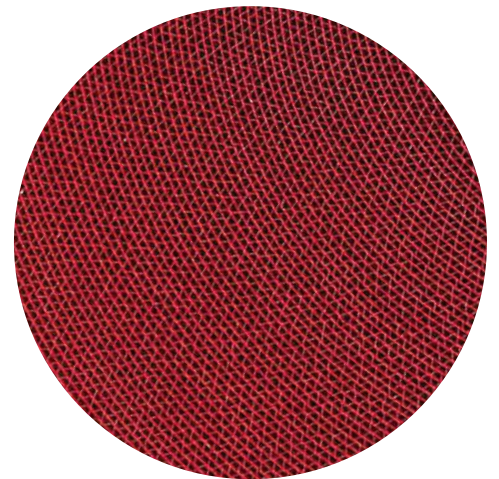


Dirty

Material

handle with care to prevent bruising

Puresci takes advantage of the substrate materials' feature(thin, light and porous), adopts the chemical reaction method, realizing the firmly combination between the absorption material and the substrate. Meanwhile, the addition of other chemical additives can increase the adhesion amount of the adsorption material, can control the uniform growth of the adsorption material pores, and can improve the adsorption performance and adsorption capacity of the product.

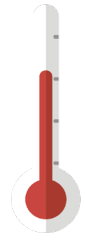


**A rotor is like a baby
please be tender!**

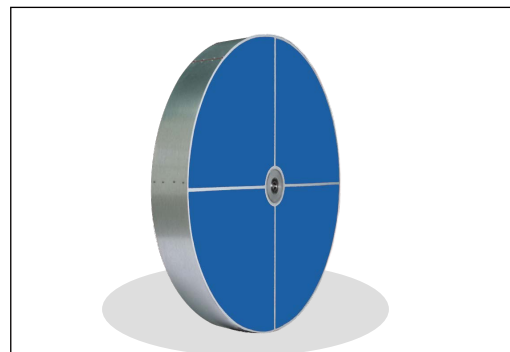
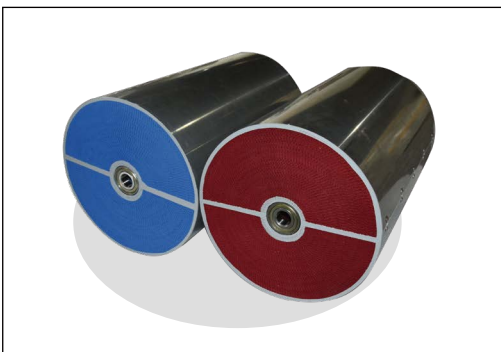


Using Environment

According to different rotor series
Use correctly at certain temperature



High temperature regeneration rotors

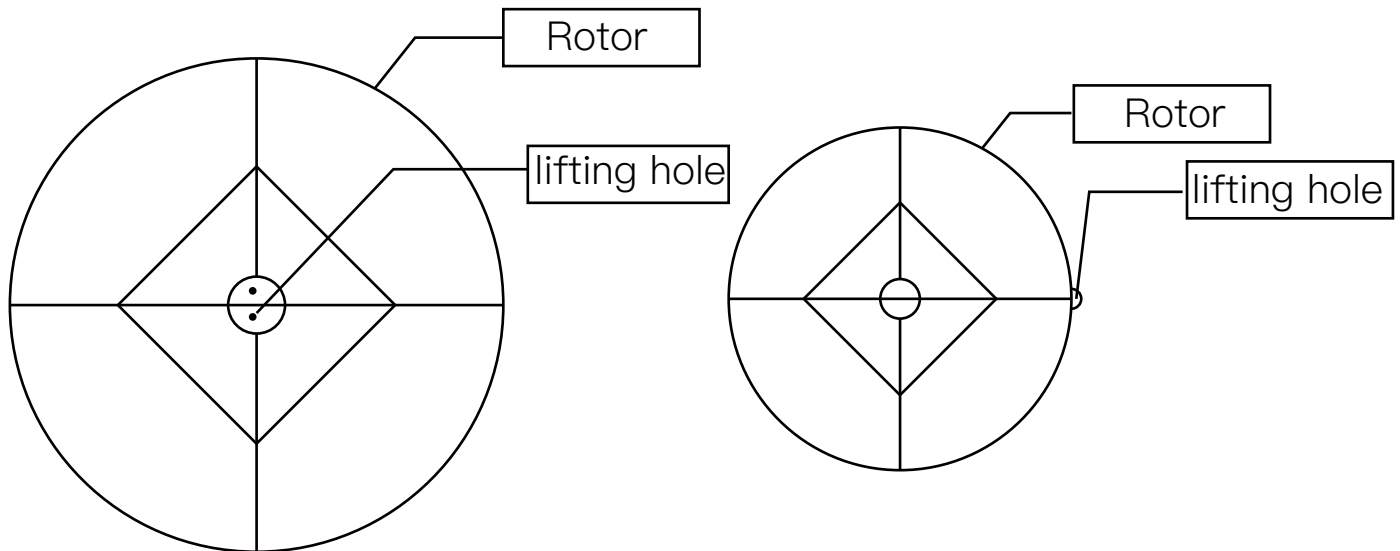


Medium temperature regeneration rotors



Low temperature regeneration rotors

lifting Instruction



Tips: Rotor with a diameter $\geq 850\text{mm}$ are equipped with lifting rings

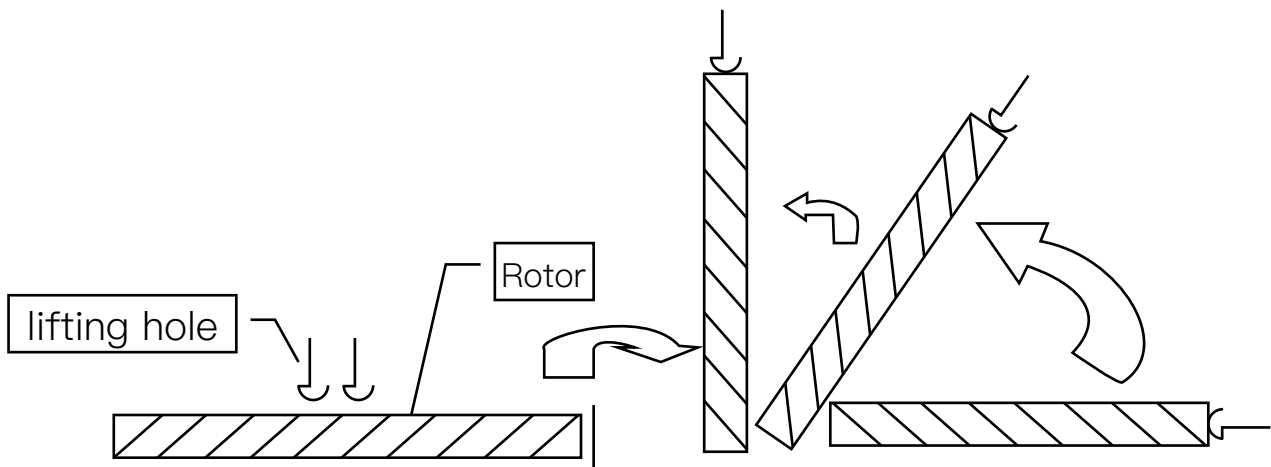


Figure 1

Figure 2

1. It is suggested that you use the lifting ring to fix on the lifting hole, and use the crane to parallel move the rotor out of the wooden box, as shown in Fig.1 to Fig.2
2. It is suggested that you use the lifting ring to fix the screw hole, and use the crane to erect the rotor. As shown in Fig.1, loaded the rotor into the frame then.

Cautions



1. The wheel should be used at its suitable temperature, strictly avoid exceeding the temperature range of the wheel.

2. The following gases will affect the service life:

- a. Alkaline gas, such as ammonia
- b. Acid gas, such as hydrofluoric acid
- c. VOCs, such as benzene series, organic chlorides, organic fluorides, organic ketones, amines, alcohols, ethers, esters, acids and petroleum hydrocarbon compounds.

Company Introduction

Puresci is the global expert in the field of desiccant rotor and absorbing material. Over the last decades, we have been continuously setting new industry directions for the global market of desiccant rotor . From the R&D of energy saving , and technology of deep dehumidification, to the launch of Smart Solution Ecosystem of Desiccant Rotor Application . All of these are fulfilling our commitment to create value for our customers and users.

Now, there are hundreds of solutions in six application areas from our dynamic laboratory , which can be widely used in lithium batteries, plastics, food, pharmaceutical, air conditioning systems, military and many other industries. With advanced R&D and strong production capabilities, our company provides customers and users with unlimited possibilities in various application scenarios, enabling them to cope with the ever-changing market easily .

Meanwhile, the testing labs built by ourselves of the desiccant rotor and dehumidification system, which can accurately simulate the actual situation of engineering application, provides data support for design, selection and calculation.

Our mission is solving the problem of high energy consumption of dehumidification air conditioning system and reducing production cost for users.

Puresci[®]

Focus on Air Handling



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