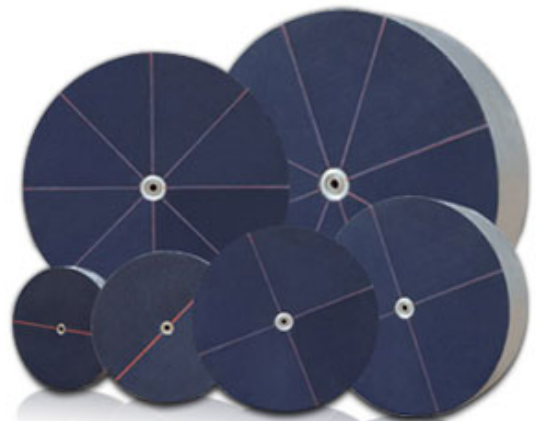


QQ留言 <http://www.jpjpprgress.com>

【Chinese】

ProFlute

Proflute was founded in Sweden in 1998 with the ambition to become a leading company within desiccant and evaporative technologies. Already from the start all inventions were patented, to protect not only the unique performance (but also to protect the company. Constant investment in technology has enabled Proflute to live up to the highest demands in terms of accurate deliveries.

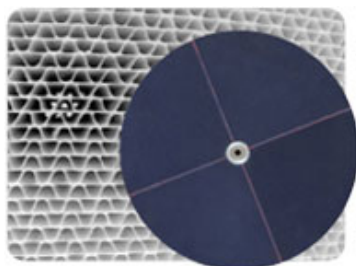


ProFlute Applications

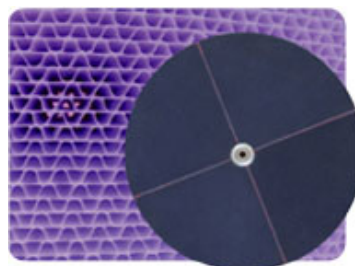
- Energy efficient dehumidification
- Latent load removal
- Simplify drying processes
- Improve manufacturing processes/ product quality
- Preservations/Inhibit growth of microscopic organisms
- Corrosion/Condensation Prevention
- Energy/voc recovery
- Desiccant (non-CFCs) cooling



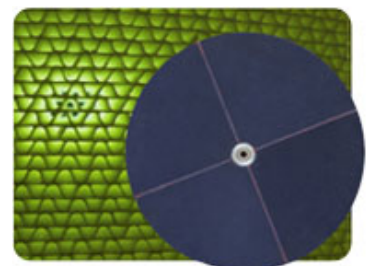
PPS/PPX Rotor :
For all purposes



PPH Rotor :
For Hygienic enhancement



PPM Rotor :
For Super low humidity



Material Compositions:

- 82% Active Silica Gel
- 16% glas fibre
- 2% Acrylic surface coating

Applications:

- Suitable for General dehumidification applications such as steel bridge, electronics, seed storage, laminating glass, candy, desiccant cooling, etc.
- Suitable for neutral to acidic environment.
- PPX (modified silica gel) suitable for big moisture depressions such as milk powder, compressed air drying, product drying & conveying, etc.

Material Compositions:

- 80% Active Silica Gel
- 2% LiCL
- 0.1% microbiological growth restraint
- 16% glas fibre
- 2% Acrylic surface coating

Applications:

- Suitable for applications where enhanced bacteriostatic is required such as pharmaceutical, food, etc.



Material Compositions:

- 37% Molecular Sieve
- 45% Active Silica Gel
- 16% glas fibre
- 2% Acrylic surface coating

Applications:

- Suitable for applications with very low dew point and/or high process air temperature such as Lithium battery, plastic hopper, etc.
- Suitable for alkaline to neutral environment




ProFlute Advantages

High Content of Active Desiccant

ProFlute next generation Desiccant Rotor is designed for high performance, enhanced energy efficiency, and long service life.

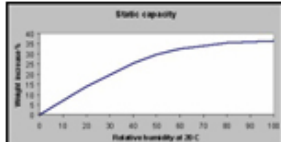
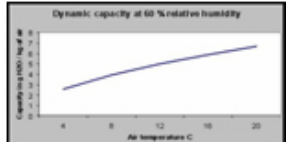
High Adsorption Capacity

ProFlute rotor has high static capacity; picking up approximately 40% of its dry weight as moisture in humid environment. This results in high dynamic capacity as shown in diagrams.



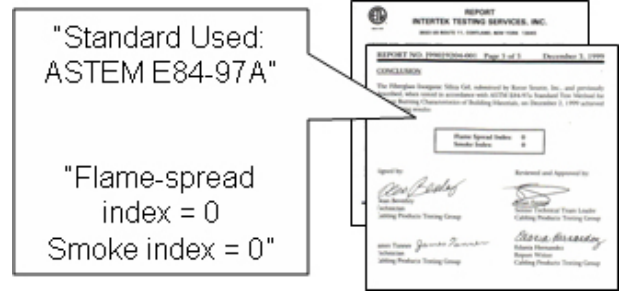
"The results were exceptional"

"High Performer in terms of dehumidification and energy efficiency"

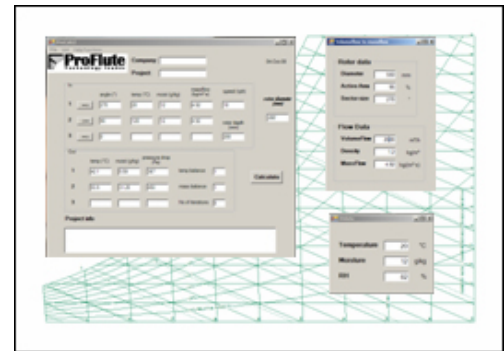
Fire Resistance and High Surface Compression Strength

Test results according to ASTM E84 confirm that ProFlute rotor is fire proof. Achieved a flame-spread index of 0 and a smoke index 0. The rotor also has more than 200kpa surface compression strength.



Comprehensive Technical Support

All essential performance data of our rotor can be easily calculated using our simulation software provided for all regular customers. Long experience in climate control ensures that we will be able to provide all the technical supports you need for successful implementation of our products in all your applications.



High degree of Flexibility

The variety of rotor type ensures that we can find a suitable product for various challenges your applications may meet; i.e., very low dew point, alkaline or acidic environment or hygienic environment.

High degree of Customization

We can provide rotor with customized sizes and details as well as replacement rotors that can fit most existing dehumidifiers known in the marketplace. We can also provide various choices of rotor, cassette, and driving system, with choices for fully assembled or in knock-down form to suit any of your specific demands.



Type "T" Cassette construction



Type "Y" Cassette construction



In 2007, we delivered the world's biggest desiccant dehumidifier rotor* with 4500mm in diameter and 400mm in depth (*as of October 2008)



Standard Dimensions				Ordering Key	
Rotor Diameter (mm)	Available Depth (mm)	Shaft Diameter (mm)	Delivered Knock-down	PP	X
				Rotor Diameter (mm)	Rotor Depth (mm)

100-350	50,100,200	20	No
450-550	100,200,400	20	No
600-1050	200,400	20	No
1150-1950	200,400	30	On request
2000-3000	200,400	40	Yes
3050-4500	200,400	50-70	Yes

Rotor Type

- S
- X
- H
- M

R: Rotor only

C: Rotor w/ Cassette

Example:
PPSR-1525x200 = Desiccant Rotor type PPS with diameter of 1525mm and depth of 200mm

Add: Rm 1#1102, Huateng International, No.2 Dajiaoting Mid Street,
Chaoyang District Beijing CHINA 100124



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