

## AN OUNCE OF PREVENTION...

Most customers we speak to have a Preventative Maintenance plan in place for their VENTILEX System. If you do not, there is no time like the present! The best way to take care of your VENTILEX System is to plan ahead. A checklist, a task sheet, something to develop a scheduled routine to check parts in regular intervals is a great way to make sure your VENTILEX System is operating a peak efficiency. VENTILEX provides an example chart for maintenance in each of our Operating Manuals. If you haven't already developed a Preventative Maintenance Plan, contact our offices for help in drafting a Maintenance chart. Once you have established a good Preventative Maintenance plan, you can make informed decisions on which spare parts to keep on the shelf and how many. Contact our offices at (513) 874-4451 to order the spare parts on your PM list today!

### FLUID BED DRYER TRIVIA

Q: How many Btu's equal 1 therm?

Q: What is the typical acceleration (not motor speed) of a VENTILEX Dryer?

If you think you know the answer to both questions, email to [bill.powers@ventilex.net](mailto:bill.powers@ventilex.net) and if you get both correct, First Place gets a **FREE VENTILEX Logo Polo Shirt**. Second Place gets a **FREE VENTILEX Logo Hat**.

Answers will be revealed in next month's newsletter!

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VENTILEX Dryer/Cooler for Sand

### Newsletter Spotlight

VENTILEX uses a low frequency, high amplitude drive design. This allows for less stress, true plug-flow of product, and more uniform drying of materials. Air Bellows are used to cushion the upper and lower drive frame to allow for smooth operation and movement of the VENTILEX Drive.

## \* SPARE PART SPOTLIGHT FOR MARCH— AIR BELLOWS/SPRINGS



(Above) Dryer Drive Air Bellows. (Below) Air Bellows fitted between the upper and lower drive frame.



Air Bellows, or as some refer to them as Air Springs, are the little devices that provide the cushion for the VENTILEX Drive during the shaking motion while in operation. A clear advantage over the high frequency vibratory style of other fluid bed dryers, the shaking motion using the air bellows allows the VENTILEX Dryer to demonstrate true plug flow for your product (first in, first out), and allows for much less stress on the Dryer by keeping the frequencies low.

By constantly and consistently measuring the amount of compressed air in the Air Bellows, the proper inflation allows for smooth operation of the shaking mechanism and proper drying of your material at design specifications. Make sure you have the proper air amount in your bellows. Periodically check for wear, and it is a good practice to keep a couple on the shelf in case a replacement is needed. Without the Air Bellows, your dryer cannot function.

To order or inquire about your VENTILEX Drive System Air Bellows, contact our offices at (513) 874-4451 today!