

SPARE TIMES



CALCULATING WHICH SPARES TO KEEP

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The best way to know which spares, and how many to keep on hand, is best determined by several aspects. Durability, cost, and causable downtime of the equipment are all key items to consider when making your Spares inventory decisions. If a part is likely to cause downtime, it is best to have that spare on the shelf. Cost of that spare along with availability or lead time of delivery should also be considered. If you know the key factors involved in making sure your equipment is not held up by the need of a spare part, you can make informed decisions on what to keep on the shelf, how many, or what can be ordered on case by base basis. Feel free to contact Bill Powers at (513) 874-4451 to discuss Spares for your VENTILEX System.



Fluid Bed Dryer for Polymers

PREVENTATIVE MAINTENANCE TIP:

Compressed air is an important part of your dryer's operation. Always make sure your air and hoses are free from contaminants, especially water and oil. Contaminants in the compressed air lines can cause damage and unnecessary wear in to the air bellows and inside the filter baghouse.

Newsletter Spotlight: WHAT DO YOU WANT TO SEE?

VENTILEX WANTS TO HEAR FROM YOU!

Email your ideas on what you'd like to see covered in the Spares Newsletter. Your cooperation and input will help shape this e-publication into a more valuable tool for everyone.



VENTILEX FLUID BED DRYER TRIVIA



Answer to last month's Trivia question: Typically 20 micron or 150 mesh

Email to: bill.powers@ventilex.net

SPARE PART SPOTLIGHT OF THE MONTH



Image 1: Norgren brand Pressure Switch

Pressure Switches

VENTILEX Dryers use a shaking mechanism to provide the vibratory motion for the drive system. Part of that drive system, as we learned in previous newsletters, are the Air Bellows. The compressed air in the bellows must be regulated at all times in order to provide the proper cushion for the upper and lower frames on the drive. That air pressure is regulated by a Pressure Switch. VENTILEX typically uses a Norgren brand pressure switch to maintain the proper level of air.

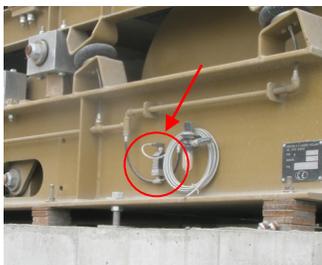


Image 2: Pressure Switch mounted on Dryer Drive to regulate Air Bellow pressure.

If the proper level of compressed air is not maintained in the air bellows, serious damage could occur to the drive, drive components, and dryer itself. A typical VENTILEX Dryer uses a setting of 4 bar for the air bellows. This of course could vary depending on size of dryer, weight and density of material being dried.

A typical VENTILEX System will generally use two Norgren switches, as the other is used to measure the compressed air in the Filter Baghouse. It is good practice to keep at least one extra of these switches on hand at all times.

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Questions or comments? E-mail us at info@ventilex.net or call (513) 874-4451