

## Airlock Valves to Go Nuts About

An engineering company working with a peanut supplier on how to control the pneumatic peanut shell waste contacted Aerodyne in hopes to find a dust collector for the application. The peanut company was using six cyclones in various sizes to dispose of the waste. However, the company did not have any airlock valves under the cyclone, and dust was being carried to the clean outlet. The company, looking to fix this problem, turned to Aerodyne.

After considering the system, Aerodyne suggested that the company use an 8" Rotary "R" Valve as an airlock valve and install a fabric filter to increase dust removal. The R-Valve's design for continuous discharge of free-flowing, low-abrasive dry solid in gravity flow or low pressure systems makes this product a perfect fit for the company's current system. In addition,



this rotary valve's steel plate construction gives it an advantage over other valves in quality, flexibility and durability. By using the R-Valve the company gained an airlock under the cyclones that was efficient and durable. Furthermore, by using the fabric filter the plant operators were able to increase the dust removal, solving the company's problems with its current system.