

PureFlo, the innovative conveying technology by Piovan

Piovan has launched a new line of filter-less vacuum receivers named PureFlo.

“The name PureFlo was chosen because it perfectly defines the results that we have achieved: easy flow and stress-free conveying of the material” explained Giorgio Santella, Piovan’s Chief Marketing Officer.

For well over 50 years processors have been looking for a receiver that could separate material from the air stream without the need to manually change and clean filters and screens, or use exotic compressed air or implosion cleaning. I think we finally got it right” said Chuck Thiele, VACTEC President and Industry Consultant and co-designer of PureFlo.

PureFlo receivers incorporate an abrasion resistant material inlet pipe and an exhaust port, both assembled into the upper section of the body. The material entering the receiver flows in a newly designed entry elbow and then drops vertically through the entry tube into the receiver body. The conveying air exhausts through an air ring, which is the space between the entry tube and the receiver body. The upward velocity in the air ring is less than 5% of the minimum required to convey, which is not sufficient to carry over any of the material entering the receiver. The material settles and the conveying air escapes, achieving



a separation efficiency of 99.9% or better.

All those applications where the operation of cleaning the filter screen represents a critical task are ideal for PureFlo. Also, the absence of any pressure drop across the filter screen or powder build-ups, allow improved efficacy of conveyance and higher efficiency of operation.

“We believe this technology to be truly innovative and are extremely excited about PureFlo. It brings our customers those core values that we always strive to provide; improvement in productivity and efficiency, elimination of problems and down time and savings on investment and operating costs.” For more information about Piovan please visit: www.piovan.com