

Product expansion for Delta Blower Positive Displacement Blowers

Aerzener Maschinenfabrik's extensive assembly series has been expanded to cover intake volume flows of 6300 m³/h. This enables AERZEN, one of the global market leaders in blower technology, to offer its customers even more finely graded blower sizes. Individual requirements for process air production can, thus, be fulfilled in a more applied manner and more efficiently, as the innovation-driven machine manufacturer from Lower Saxony explains.

With the new size within the Delta Blower Generation 5, the previous volume jumps of 5400 and 7900 m³/h are clustered even more differentiated, in this case with an intermediate size of 6300 m³/h at a nominal diameter of DN 250 and a pressure range of up to 1000 mbar. The expansion of the blower portfolio is the answer to the increased demand in this volume or pressure range. AERZEN is further expanding the position of the powerful Delta Blower product family with a finer gradation.

Offering a wide range of applications for the oil-free transport of air and neutral gases, the Generation 5 Delta Blower assemblies highlight the more than 150 years of development expertise of the technological pioneer AERZEN: powerful, robust positive displacement blowers, which are also highly reliable in continuous operation and convince by their durability. Easy to handle and designed to produce a low level of noise, the blower stages of the Delta Blower series are packed with German engineering expertise and also prove themselves under difficult climatic as well as special environmental conditions. The machines' intelligently designed hardware stands out with a compact design that also makes space-saving side-by-side installation possible. All assemblies can be used outdoors or indoors as a stand-alone or integrated system.

The volume flow of the various assemblies ranges from 30 to 15,000 m³/h; the control range spans from 25 to 100%, covering nominal widths from 50 DN to 400 DN. According to the AERZEN “100% clean” promise, all Delta Blower assemblies guarantee product purity/process air purity because the company dispenses with absorption material for soundproofing. The base support acts as a discharge silencer, which uses air deflection to reduce sound. Advantage: this does not cause wear that could contaminate the downstream system. Oil-free conveying according to class 0 guarantees absolute purity in process air production, so that even sensitive production conditions can be handled with 100 percent safety.

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Caption:
The new positive displacement blower stage GM 100 fills the gap in the volume flow range.

The company

Industrial plants all over the world are provided with gaseous media using AERZEN blowers and compressors. The innovative AERZEN machine technology represents experience of more than 150 years company history. The range of products includes rotary lobe compressors, positive displacement blowers, turbo blowers and screw compressors. AERZEN blowers and compressors are tested and certified according to DIN EN ISO 9001. There is a variety of product offers from standard products to special solutions individually tailored to the customer. Digital services can be used to increase efficiency, availability and productivity in a sustainable and future-oriented manner.

In addition, the AERZEN After Sales Service offers the complete range of services - from the full maintenance contract to repairs and upgrades of existing plants.

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