

Press Release

Nash –
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der Gardner Denver
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NASH Vectra SX:

New range of small capacity liquid ring pumps

Gardner Denver Nash launches a new range of small capacity liquid ring vacuum pumps and compressors: The NASH Vectra SX was designed from the ground to meet the widespread needs of the process industry. The combination of five different models as well as two drive arrangements and material makes it an extremely adaptable pump for lower flow rates.

The NASH Vectra SX facilitates the delivery of flow rates between 35 and 210 m³/h with 50 Hz motors. Motors in the power range between 0.75 kW and 5.5 kW are available for the 5 sizes manufactured, 60 Hz motors are also available and realize flowrates up to 260 m³/h. A suitable solution is therefore available for every requirement.

Reliability: For trouble-free operation, the NASH Vectra SX was designed with optimized internal passages and low operational speeds, which guarantee a long and reliable service life. The noise pressure level produced by the machine is significantly reduced as a result.

Efficiency and cost-effectiveness: Compared to other pumps of the same capacity range, the NASH Vectra SX consumes up to 40% less energy and up to 50% less operating fluid. Thanks to the potential energy and water savings, the pumps can pay for themselves within a year.

Flexibility of application and drive arrangements: Three versions are available to suit various process requirements: For high vacuum levels up to 33 mbar absolute, for increased water handling (up to 10 times the normal quantity of process fluids) and for compressor operation. Furthermore, **two drive arrangements** are available: a space-saving monobloc design and an ATEX friendly lantern design.

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Materials available: In its standard form, the NASH Vectra SX will come with a cast iron body with a stainless steel liner, and a stainless steel impeller and port plate. For more demanding requirements, the complete pump is available in 316 stainless steel.

Reliability, efficiency and flexibility make the NASH Vectra SX an outstanding liquid ring pump for low flow rates.

About the Company:

Gardner Denver Nash is the Nash Division of Gardner Denver, Inc. Originating from nash_elmo Industries, the company is the world's leading manufacturer of liquid ring vacuum pumps, compressors and engineered systems. For more than 100 years, Gardner Denver Nash has engineered and produced liquid ring pumps and vacuum and compressor systems for the most demanding applications in a variety of fields and industries.



Caption:

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The NASH Vectra SX, here in monobloc form, allows the delivery of flow rates in the range between 35 and 210 m³/h.