

# **Vacuum Solutions for Extrusion**

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## 2 STAGE VACUUM PUMPS

are ideal for venting applications. All models are fitted with mechanical seals and are equipped with stainless steel impellers. Available as a bare pump or as an MB module, complete with tri-voltage motor, coupling, and guard, mounted on a formed base.

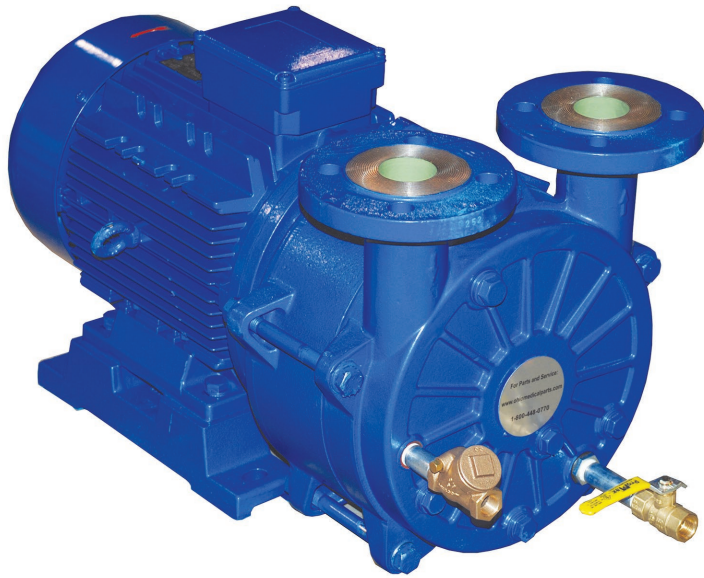
Model	27LC	27C	210C	215C	220C	225C
Motor HP	7.5	7.5	10	15	20	25
Connections	1½"	1½"	1½"	2"	2"	2"
ACFM @ 27.5"	66	106	131	172	232	284



## REGENERATIVE BLOWERS

are available for product transfer and sizing tank applications. Available in a wide variety of sizes, they are constructed of rugged die cast aluminum. The cool running outboard bearing design assures long service life.

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## LIQUID RING VACUUM PUMPS FOR VACUUM SIZING TANKS

Liquid ring pumps used on vacuum sizing applications must be capable of handling significant amounts of water through the pump's inlet. In some situations, the pump may be shut off while filled with water. Upon restart, damage may occur to the pump's seal, impeller, or shaft.

Selector<sup>®</sup> pumps can be fitted with several valves to prevent damage due to excessive water. A one-way swing valve allows water to drain down to the pump's centerline when shut off. When the pump is turned on, the valve is pulled shut. Also, the water inlet connection is fitted with a variable shut off valve, which allows the user to balance the right combination of water from both sources. All models feature stainless steel impellers.

Model	Motor HP	ACFM @ 19" Hg	Length
SM30A	3	32	17.5"
SM55A	5.5	72	21.9"
SM75A	7.5	92	25.8"
SM100A	10	130	28.8"

15 and 20 HP models also available with NEMA motors.

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## VACUUM FILTERS

Vacuum filters are offered in a variety of sizes and with several types of elements. Standard models include paper elements rated at 2 microns. For high heat applications, such as extruder venting, special elements rated up to 385°F are available. Housings are all steel construction with baked enamel finish.



## LIQUID SEPARATORS

Liquid separators protect the pump from liquids in the air stream. A 50 mesh stainless steel screen traps large particulates. Float ball blocks vacuum when bucket is full. Includes bottom 1/2" drain.

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## MECHANICAL SEALS

Versatile mechanical seals are applicable for most liquid ring vacuum pumps. A rubber friction ring prevents the seal from sliding on the shaft, eliminating shaft fretting. The seal can be rotated in either direction, as the spring merely provides axial load. Available from our stock in 28mm, 35mm, 38mm, 43mm, and 55mm sizes. Featuring stainless steel metal components, each seal has viton elastomers, a carbon rotating face, and a Ni-resist stationary face.



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Ohio Medical LLC  
1111 Lakeside Drive  
Gurnee, IL 60031 USA  
866.549.6446 | [ohiomedical.com](http://ohiomedical.com)  
550058 (Rev. 4) 03/19