



Water Management Technologies, Inc. • PO Box 66125 • Baton Rouge, LA 70896 USA
 Toll Free: 877.755.0026 • Phone: 225.755.0026 • Fax: 225.755.0995
 Web Page: W-M-T.com • Email: info@w-m-t.com

Standard features

- Low weight cast aluminum construction.
- Quiet operation with integral inlet and outlet muffling.
- Recognized TEFC motor.
- High efficiency / low noise impeller design.
- No lubrication / maintenance required.
- Allowed ambient: -10 °F to +105 °F.
- Mountable in any plane.

Max. continuous operating Pressure 4.3 psig / 120.0 In. WG
Vacuum 8.9 In. Hg / 121.0 In. WG

Options

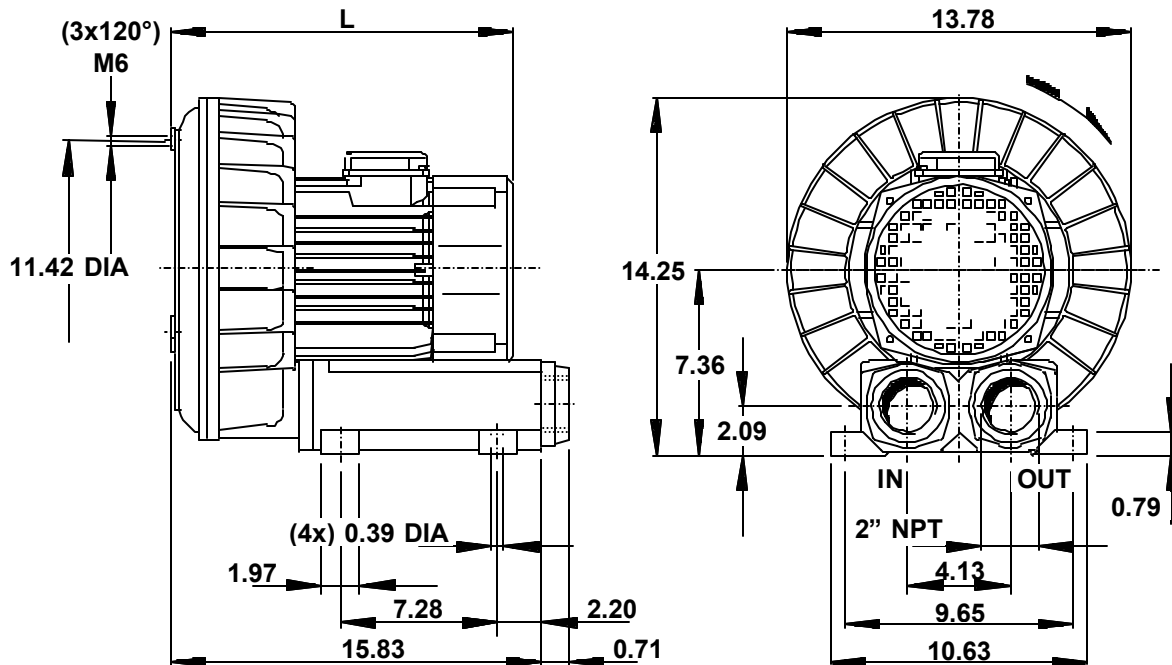
- Remote drive models (belt or coupling).
- Special voltages.
- Surface treatment or plating.
- Gas tight sealing.
- Special designs available.

Accessories

- Inlet and/or inline filters.
- Additional inlet/outlet silencers.
- Safety valves.
- Flow converting devices.
- Optional connectors.



Dimensions in inches



Motor power	Hp 60 Hz	3	4
	Hp 50 Hz	2 1/2	3 1/3
L	In.	14.57	16.54
Weight	Lbs.	58.30	68.20

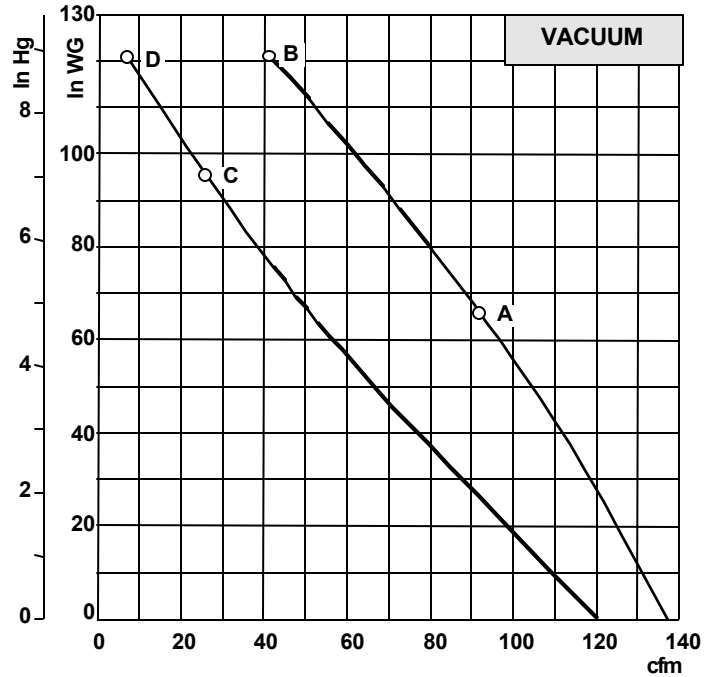
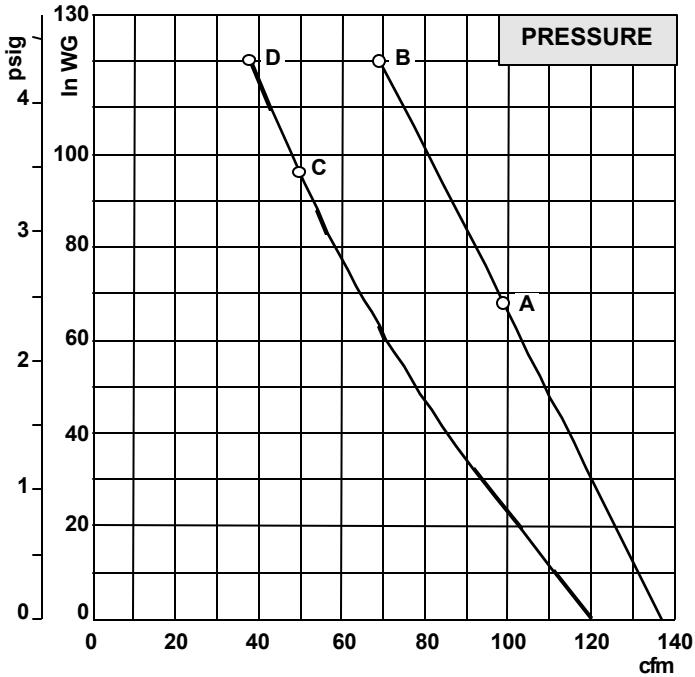


REGENERATIVE BLOWERS - S40S

50 or 60 Hz • Single or Three Phase



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Notes:

- Curves indicate performance rated for continuous operation.
- Performance data based on ambient / inlet air temperature of 68 °F and barometric pressure of 29,92 In. Hg
- Performance values may vary by ±10%
- Sound level measured at 1 m distance with inlet and outlet piped.
- Specifications are subject to change without notice.

S40S

60 Hz – 3500 rpm

Reference		A	B
Maximum airflow	cfm	137	137
Maximum continuous pressure	In. WG	68	120
Maximum continuous vacuum	In. Hg	5.0	8.9
Maximum sound level	dB(A)	78	78
Motor horsepower	Hp	3	4
Standard voltage	Volt	115 or 208-230	208-230/460
Phase		1	3
Rated F.L. current	Amps	36,0 or 19,8-18,0	8,9-8,0/4,0
Rated locked rotor current	Amps	180 or 99-90	54-48/24
Insulation	Class	F	F

50 Hz – 2900 rpm

Reference		C	D
Maximum airflow	cfm	120	120
Maximum continuous pressure	In. WG	96	120
Maximum continuous vacuum	In. Hg	7.0	8.9
Maximum sound level	dB(A)	75	75
Motor horsepower	Hp	2 1/2	3 1/3
Standard voltage	Volt	230	200/400
Phase		1	3
Rated F.L. current	Amps	18,0	8,9/4,0
Rated locked rotor current	Amps	90	54/24
Insulation	Class	F	F