



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 8.7 psig / 241.0 In. WG
Vacuum 14.0 In. Hg / 190.3 In. WG

Options

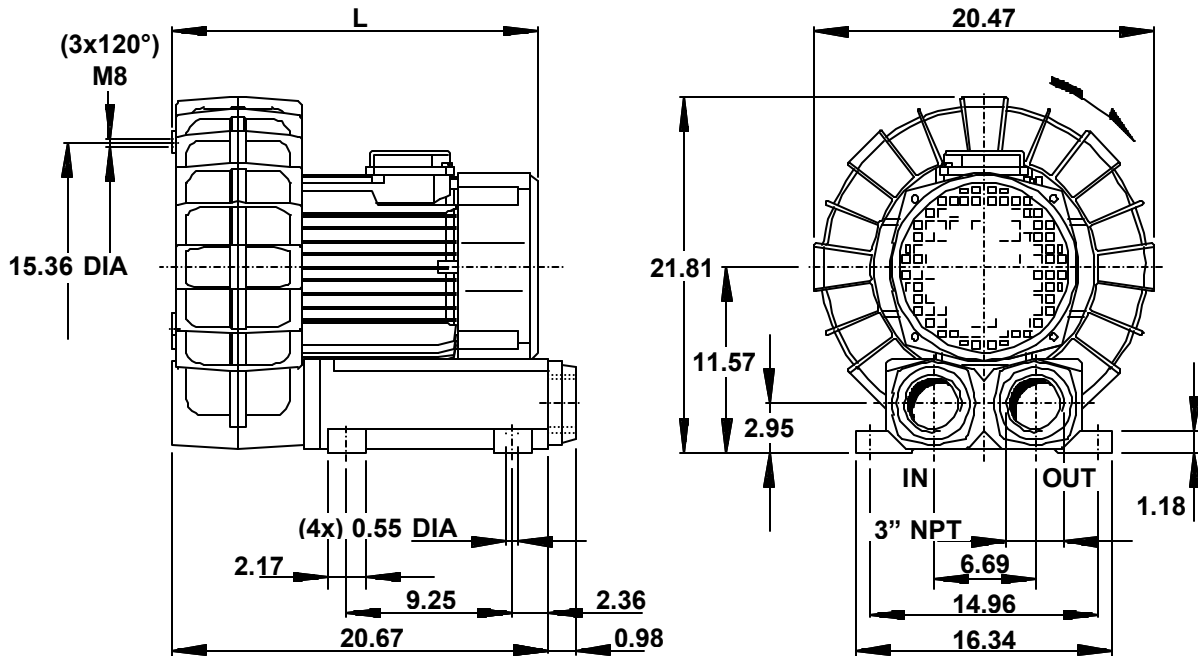
- Remote drive models (belt or coupling).
- Special voltages.
- Surface treatment or plating.
- Gas tight sealing.
- Special designs available.

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	4	5	7 1/2	10
	Hp 50 Hz	3 1/3	4 1/6	6 1/4	8 1/3
L	In.	18.70	18.70	20.47	20.47
Weight	Lbs.	126.50	133.10	155.10	169.40

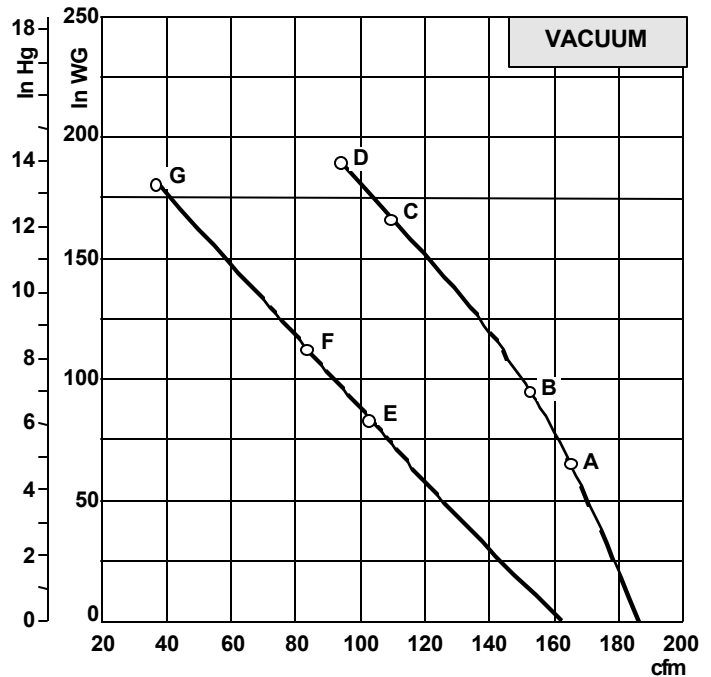
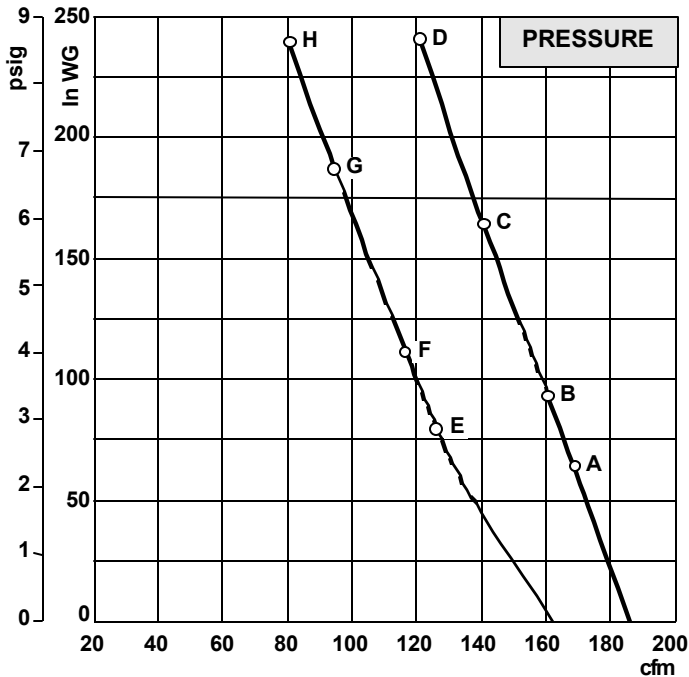


REGENERATIVE BLOWERS - S70D

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.

S70D

60 Hz – 3500 rpm

Reference		A	B	C	D
Maximum volume	cfm	186	186	186	186
Maximum continuous pressure	In. WG	66	94	169	241
Maximum continuous vacuum	In. Hg	4.9	6.9	12.4	14.0
Maximum sound level	dB(A)	78	78	78	78
Motor horsepower	Hp	4	5	7 1/2	10
Standard voltage	Volt	208-230/460	208-230/460	208-230/460	208-230/460
Phase		3	3	3	3
Rated F.L. current	Amps	12,2-11,0/5,5	15,5-14,0/7,0	20,8-18,8/9,4	27,6-25,0/12,5
Rated locked rotor current	Amps	73-66/33	109-98/49	125-113/57	193-175/88
Insulation	Class	F	F	F	F

50 Hz – 2900 rpm

Reference		E	F	G	H
Maximum volume	cfm	162	162	162	162
Maximum continuous pressure	In. WG	82	111	186	241
Maximum continuous vacuum	In. Hg	6.0	8.2	13.3	-
Maximum sound level	dB(A)	75	75	75	75
Motor horsepower	Hp	3 1/3	4 1/6	6 1/4	8 1/3
Standard voltage	Volt	200/400	200/400	200/400	200/400
Phase		3	3	3	3
Rated F.L. current	Amps	12,2/5,5	15,5/7,0	20,8/9,4	27,6/12,5
Rated locked rotor current	Amps	73/33	109/49	125/57	193/88
Insulation	Class	F	F	F	F