



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
Vacuum

6.1 psig / 171.0 In. WG
10.3 In. Hg / 140.0 In. WG

Options

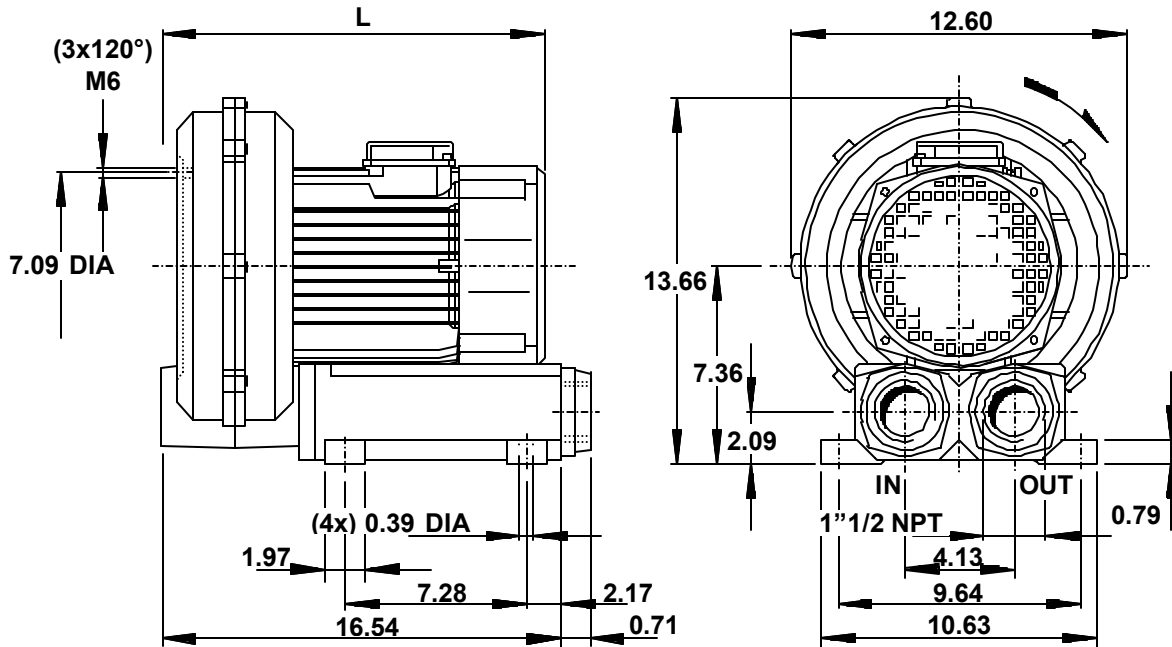
- Remote drive models (belt or coupling).
- Special voltages.
- Surface treatment or plating.
- Gas tight sealing.
- Special designs available.

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	1	1 1/2	2
	Hp 50 Hz	5/8	5/6	1 1/4	1 2/3
L	In.	13.78	14.37	14.37	15.36
Weight	Lbs.	45.10	51.70	55.00	58.30

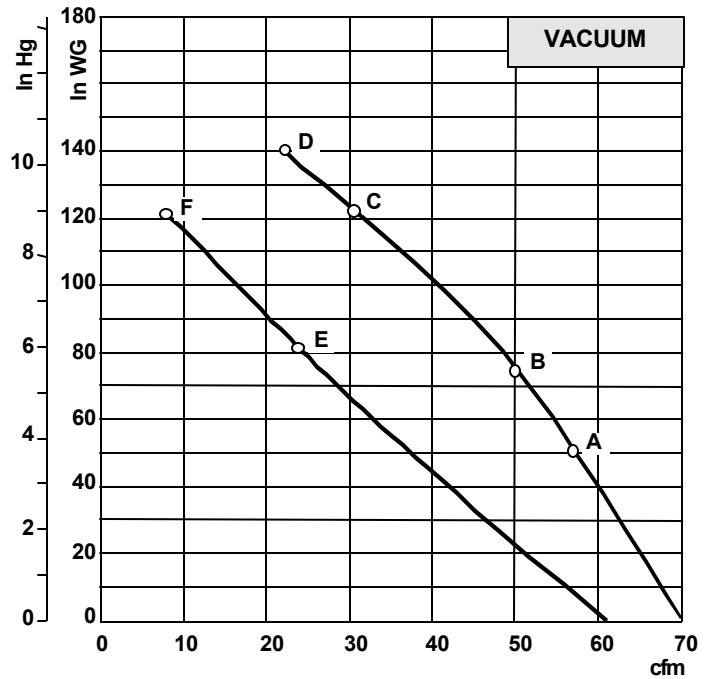
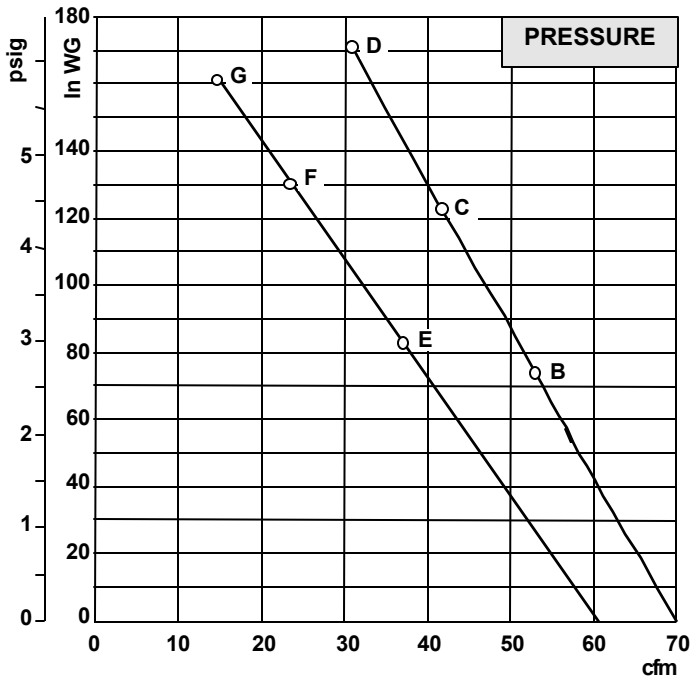


REGENERATIVE BLOWERS - S30D

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.

S30D

60 Hz – 3500 rpm									
Reference		A		B		C		D	
Maximum airflow	cfm	70		70		70		70	
Maximum continuous pressure	In. WG	-		74		122		171	
Maximum continuous vacuum	In. Hg	3.7		5.5		9.0		10.3	
Maximum sound level	dB(A)	70		70		70		70	
Motor horsepower	Hp	3/4		1		1 1/2		2	
Standard voltage	Volt	115 or 208-230	208-230/460	115 or 208-230	208-230/460	115 or 208-230	208-230/460	115 or 208-230	208-230/460
Phase		1	3	1	3	1	3	1	3
Rated F.L. current	Amps	10,0 or 5,5-5,0	2,9-2,6/1,3	13,2 or 7,3-6,6	3,9-3,4/1,7	19,8 or 11,0-9,9	5,1-4,6/2,3	26,4 or 14,6-13,2	6,9-6,2/3,1
Rated locked rotor current	Amps	40 or 22-20	15-13/7	60 or 33-30	23-20/11	99 or 55-50	31-28/14	132 or 73-66	42-38/19
Insulation	Class	F	F	F	F	F	F	F	F
50 Hz – 2900 rpm									
Reference		E		F		G			
Maximum airflow	cfm	61		61		61			
Maximum continuous pressure	In. WG	82		130		161			
Maximum continuous vacuum	In. Hg	6.0		8.9		-			
Maximum sound level	dB(A)	68		68		68			
Motor horsepower	Hp	5/6		1 1/4		1 2/3			
Standard voltage	Volt	230	200/400	230	200/400	230	200/400		
Phase		1	3	1	3	1	3		
Rated F.L. current	Amps	6,6	3,9/1,7	9,9	5,1/2,3	13,2	6,9/3,1		
Rated locked rotor current	Amps	30	23/11	50	31/14	66	42/19		
Insulation	Class	F	F	F	F	F	F		