



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**

**8.7 psig / 241.0 In. WG  
 14.2 In. Hg / 193.0 In. WG**

### Options

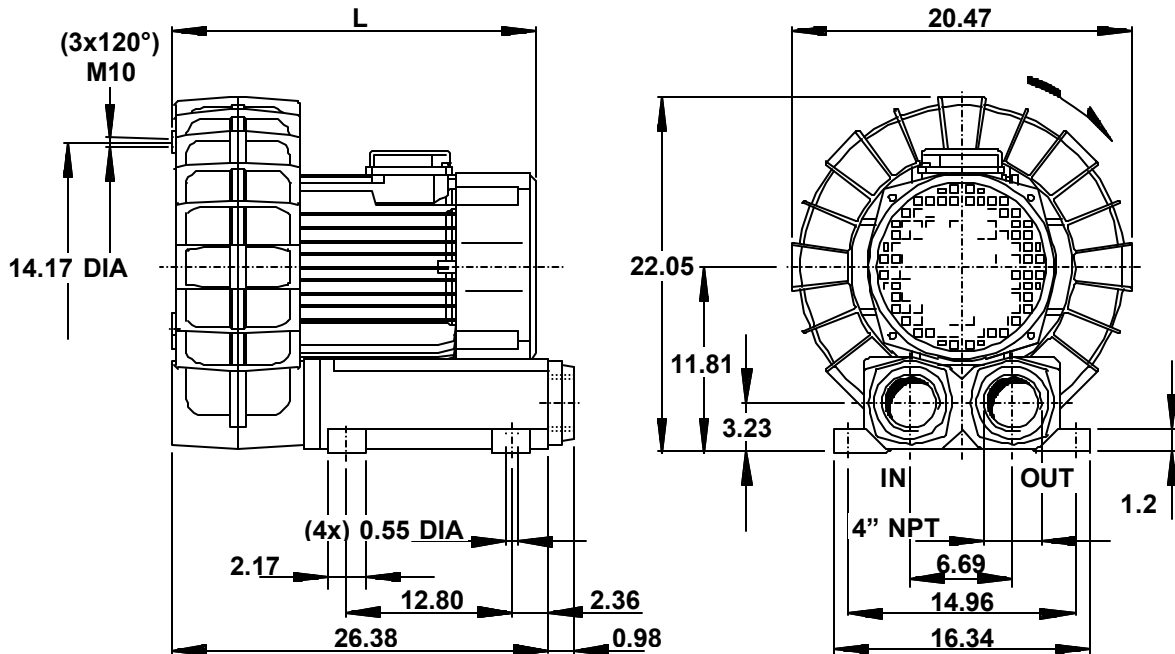
- Remote drive models (belt or coupling).
- Special voltages.
- Surface treatment or plating.
- Gas tight sealing.
- Special designs available.

### 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	7 1/2	10	15	20
	Hp 50 Hz	6 1/4	8 1/3	12 1/2	16 2/3
L	In.	23.23	23.23	24.80	26.38
Weight	Lbs.	187.00	191.40	215.60	237.60

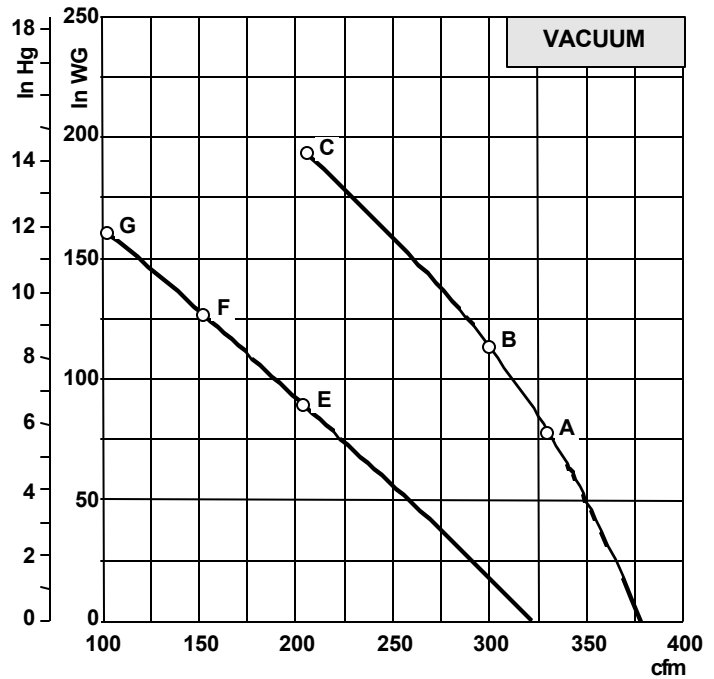
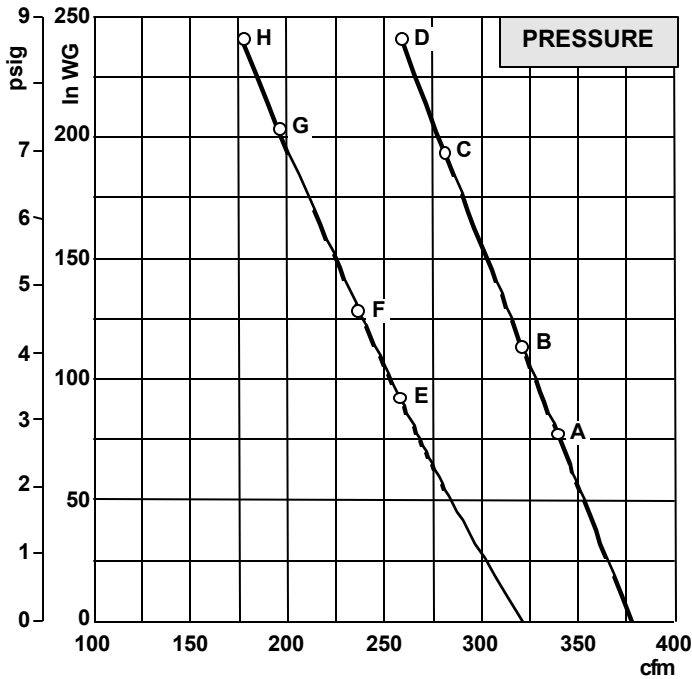


# REGENERATIVE BLOWERS - S90D

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.

## S90D

### 60 Hz – 3500 rpm

Reference		A	B	C	D
Maximum airflow	cfm	378	378	378	378
Maximum continuous pressure	In. WG	76	114	193	241
Maximum continuous vacuum	In. Hg	5.6	8.4	14.2	-
Maximum sound level	dB(A)	88	88	88	88
<b>Motor horsepower</b>	<b>Hp</b>	<b>7 1/2</b>	<b>10</b>	<b>15</b>	<b>20</b>
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	20,8-18,8/9,4	27,6-25,0/12,5	39,8-36,0/18,0	53,1-48,0/24,0
Rated locked rotor current	Amps	125-113/57	193-175/88	278-252/126	399-360/180
Insulation	Class	F	F	F	F

### 50 Hz – 2900 rpm

Reference		E	F	G	H
Maximum airflow	cfm	321	321	321	321
Maximum continuous pressure	In. WG	88	127	204	241
Maximum continuous vacuum	In. Hg	6.5	9.3	11.8	-
Maximum sound level	dB(A)	85	85	85	85
<b>Motor horsepower</b>	<b>Hp</b>	<b>6 1/4</b>	<b>8 1/3</b>	<b>12 1/2</b>	<b>20</b>
Standard voltage	Volt	200/400	200/400	200/400	200/400
Phase		3	3	3	3
Rated F.L. current	Amps	20,8/9,4	27,6/12,5	39,8/18,0	53,1/24,0
Rated locked rotor current	Amps	125/57	193/88	278/126	399/180
Insulation	Class	F	F	F	F