



ISO 9001 Certified
CE Compliant

SV5 Series

REGENERATIVE BLOWERS

• *Wide Variety of Models*

Each SV5 Series model is available for pressure or vacuum service and most models can be converted to or from one or two stage operation.

• *Quiet*

Becker blowers are among the quietest in industry, with sound levels between 64 and 81 dBA, depending on version and configuration, and motor size.

• *Convertible*

All SV5 Series blowers can be converted to or from pressure to vacuum operation, and most can be converted to or from one stage to two stage operation, which is a Becker exclusive feature; what's more, it can be done in the field. It's the ultimate in flexibility.

• *TEFC Motors*

All Becker blowers come standard with TEFC motors, suitable for Class 1, Division 2 applications (contact the factory for specific applications). Motor capacity can be matched to the requirement of the application.

• *Touchless*

Non-contacting impellers mean long life free of wear.

• *Mounting Flexibility*

Becker SV5 Series blowers can be mounted in a horizontal or vertical configuration.

• *High Performance*

The SV5 Series blower is among the best performing regenerative units on the market, with single stage pressures as high as 161 in. H₂O (12 in.Hg).

• *Environmentally Friendly*

Our blowers are 100% oil-less and never require oil or grease. They deliver clean, totally oil free discharge air.

• *Accessories*

A wide range of accessories is available, including pressure and vacuum relief valves, special purpose inlet filters and separators, and conveying eductors.



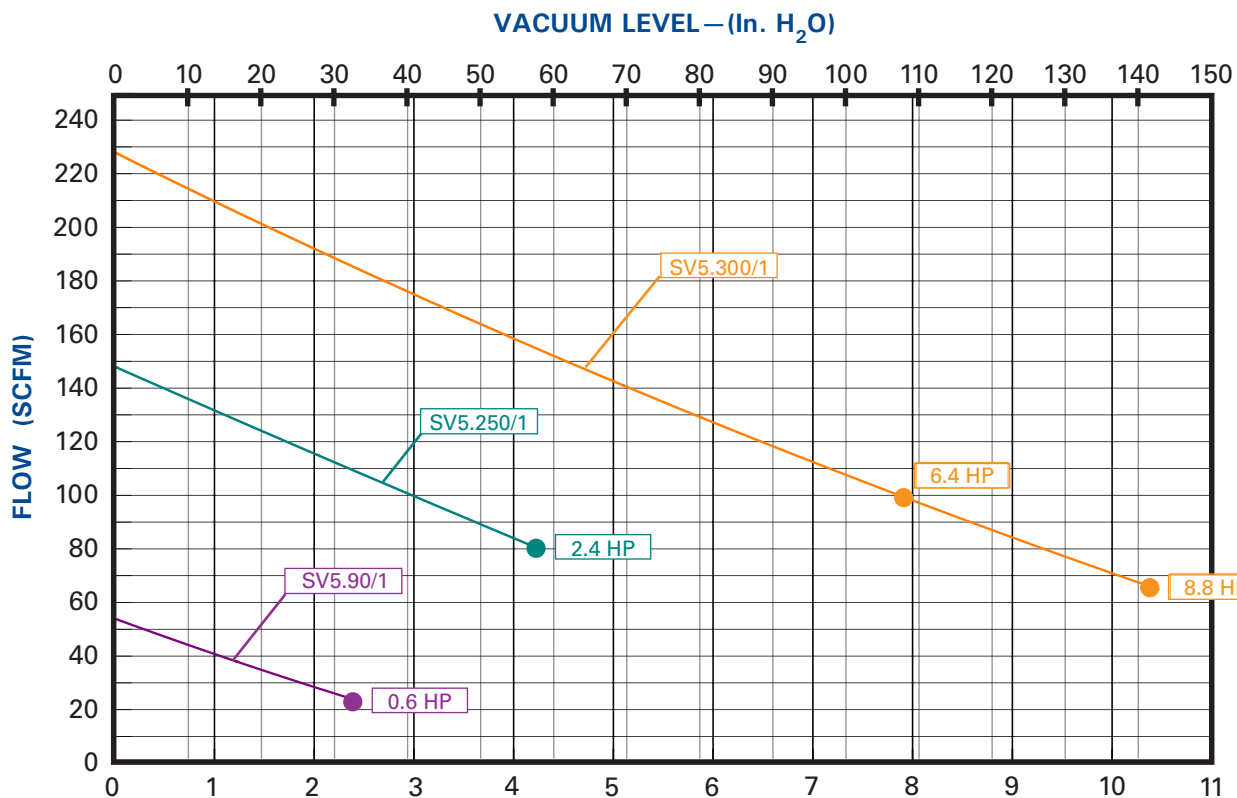
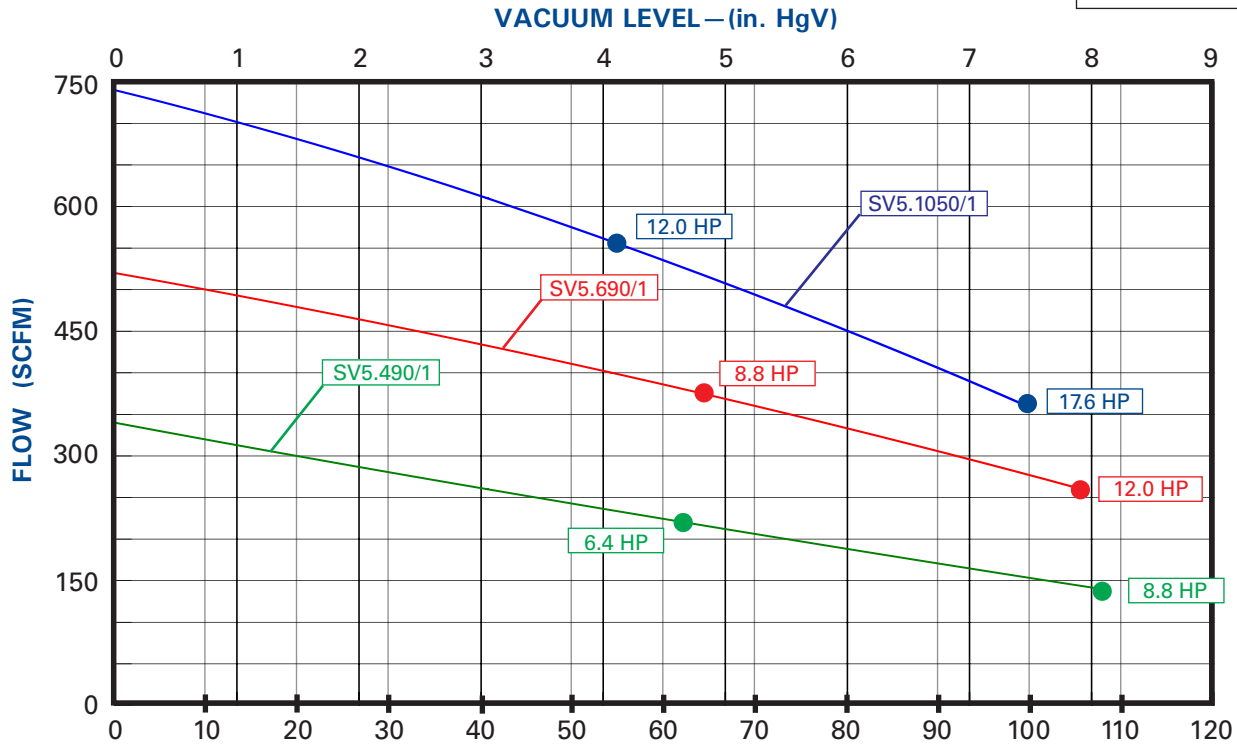
*SV5.490/1 Blower
(mounting plate optional)*





PERFORMANCE DATA

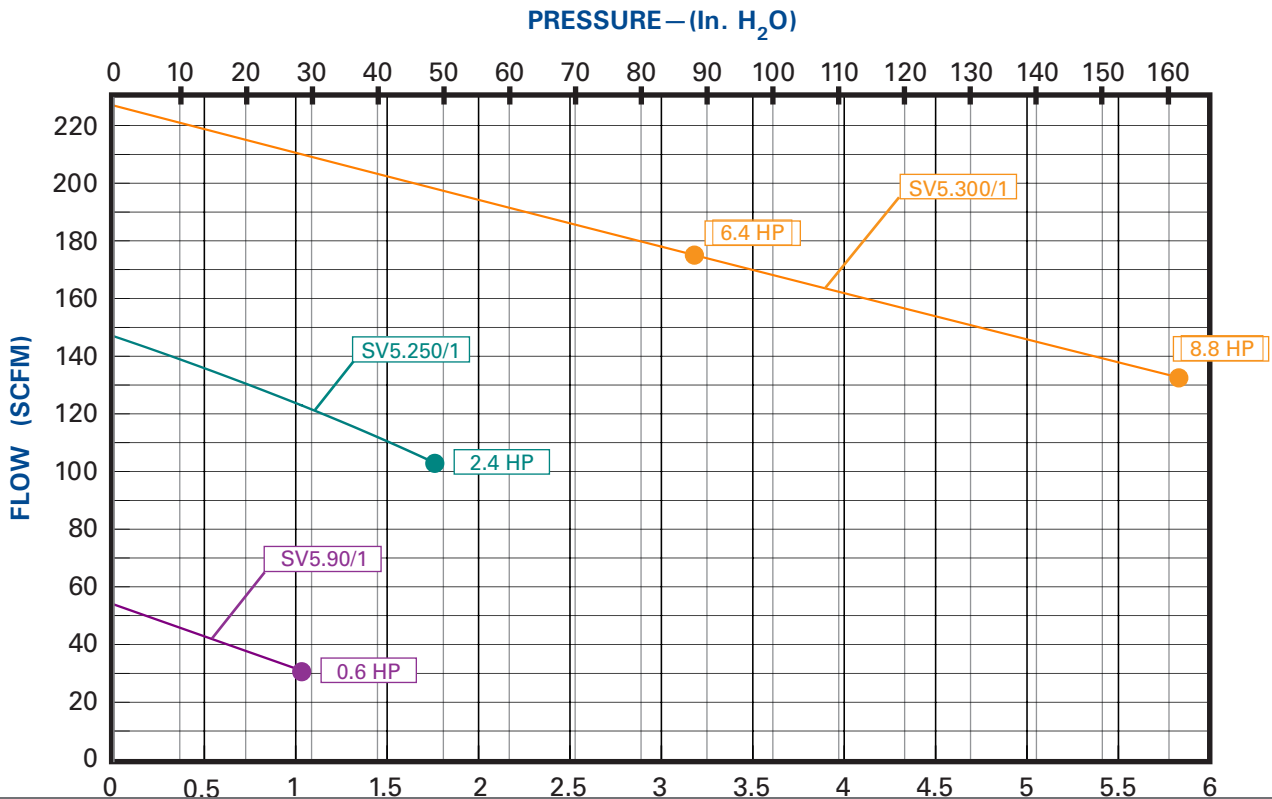
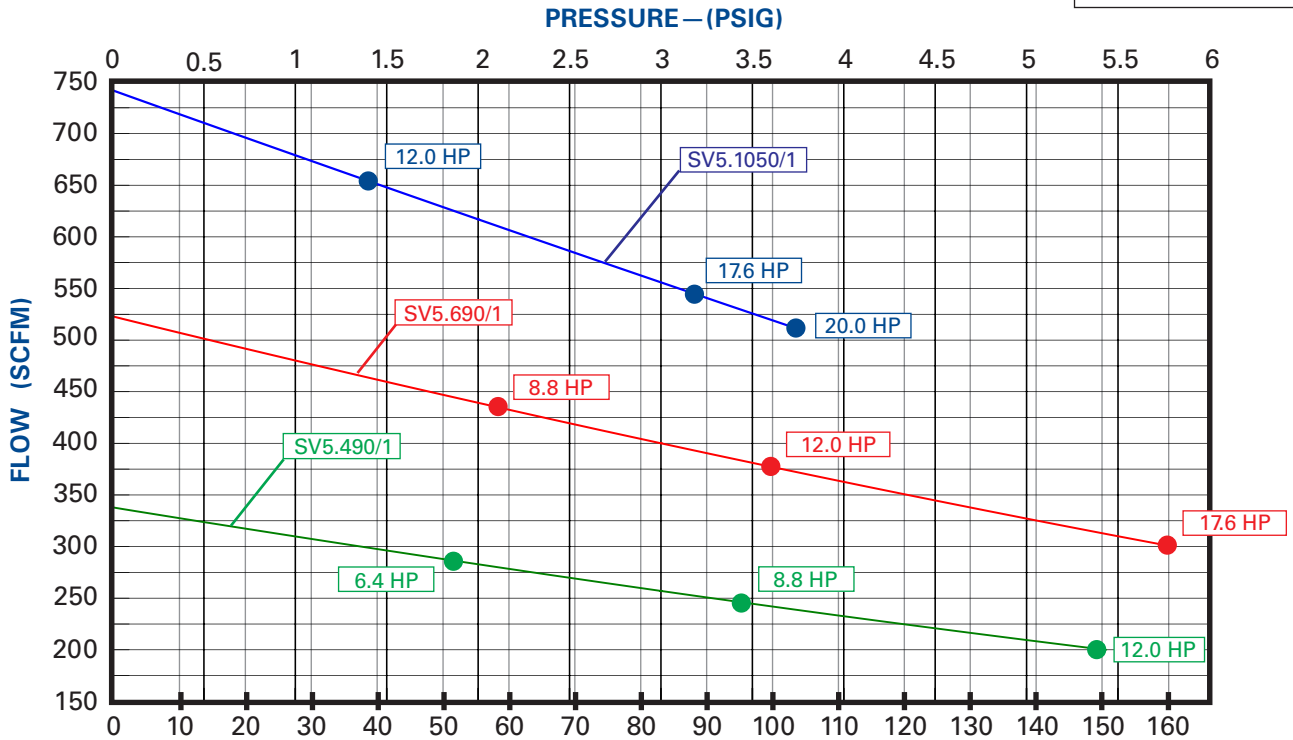
SV5 Series
1 Stage
Vacuum





PERFORMANCE DATA

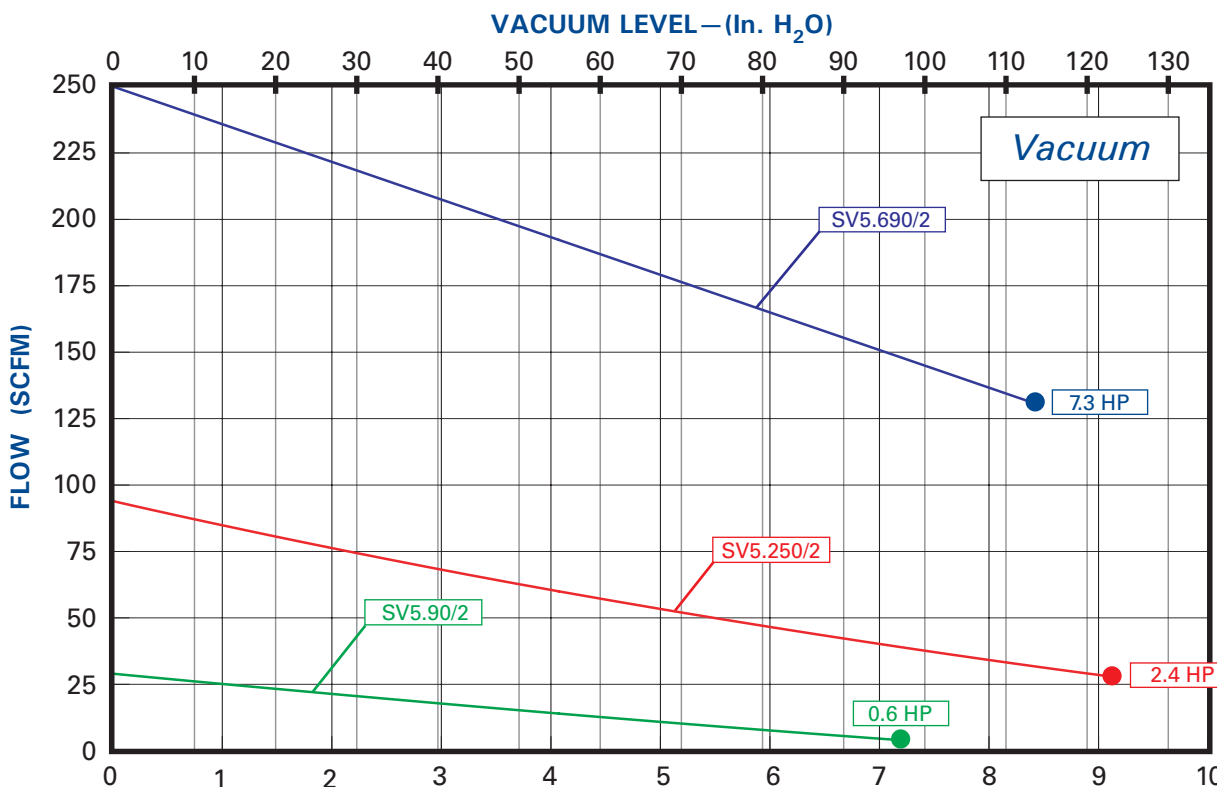
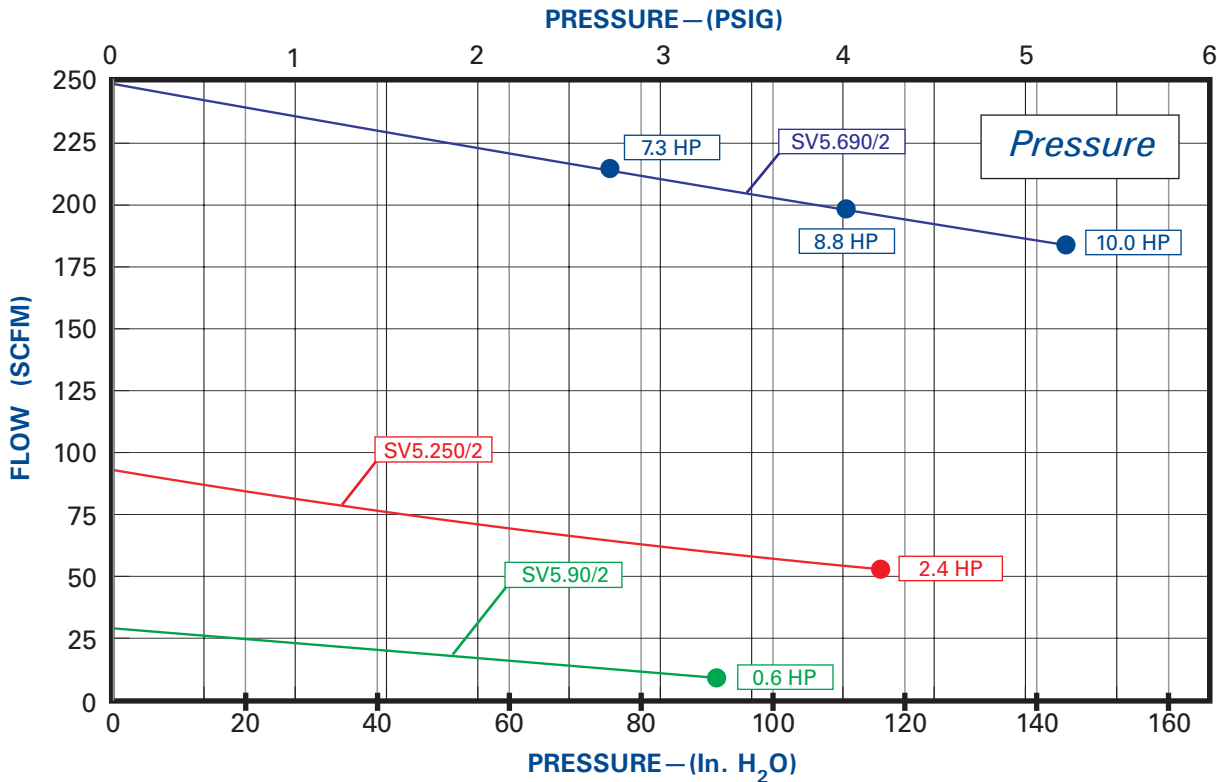
SV5 Series
1 Stage
Pressure





PERFORMANCE DATA

**SV5 Series
2 Stage**





GENERAL INFORMATION

For additional blower capacities, see our SV7 and SV8 Series literature. Contact the factory for a catalog.

All data based on 60 Hz operation



	1-Stage					2-Stage			
	SV5.90/1	SV5.250/1	SV5.300/1	SV5.490/1	SV5.690/1	SV5.1050/1	SV5.90/2	SV5.250/2	SV5.690/2
Maximum Air Flow (CFM@Atm.Pr.)	55	148	232	335	527	736	29	94	251
Maximum Vacuum (in. H ₂ O)	45	61	142	108	106	122	102	128	114
Maximum Pressure (in. H ₂ O)	47	53	161	148	158	122	96	130	144
Motor Capacity, max.* (HP)	0.6	2.4	8.8	12.0	17.6	20.0	0.6	2.4	10.0
Motor Voltage (SV5.90 also available in single phase)	A wide range of operating voltages is available. Please contact the factory for details.								
RPM	3460	3460	3460	3460	3460	3460	3460	3460	3460
Inlet Connection (BSP)	G1¼"	G2"	G3"	G3"	G4"	G4"	G1¼"	G2"	G4"
Outlet Connection (BSP)	G1¼"	G2"	G3"	G3"	G4"	G4"	G1¼"	G2"	G4"
Noise Level-Vacuum (dBA)	64	66	81	80	76	80	64	66	71
Noise Level-Pressure (dBA)	64	66	81	80	76	80	64	66	71
Weight (lbs)	29	86	196	209	242	282	29	86	211
Overall Dimensions** (Horiz. Shaft Axis)									
Length-max. (in.)	12.2	17.0	19.7	20.3	26.2	26.5	12.2	17.0	25.9
Width-max. (in.)	9.2	12.8	19.6	19.6	19.6	19.6	9.6	13.7	22.2
Height-max. (in.)	10.7	14.8	22.2	22.2	23.5	23.5	10.7	14.8	26.2

Manufacturer reserves the right to alter specifications without notice.

* Lower HP motors are available for reduced operating pressures.

** Contact factory for detailed dimensional drawings.



Accessories available:

- Pressure and Vacuum Relief Valves
- Fine Inlet Filter (not shown)
- External Coarse Inlet Filter ①
- Outer Filter Cover ②
- Inlet Debris Trap ③
- Filtered Inlet Separators ④
- High Capacity Filtered Separator ⑤
- Conveying Eductors ⑥

