

# 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. H<sub>2</sub>O (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**

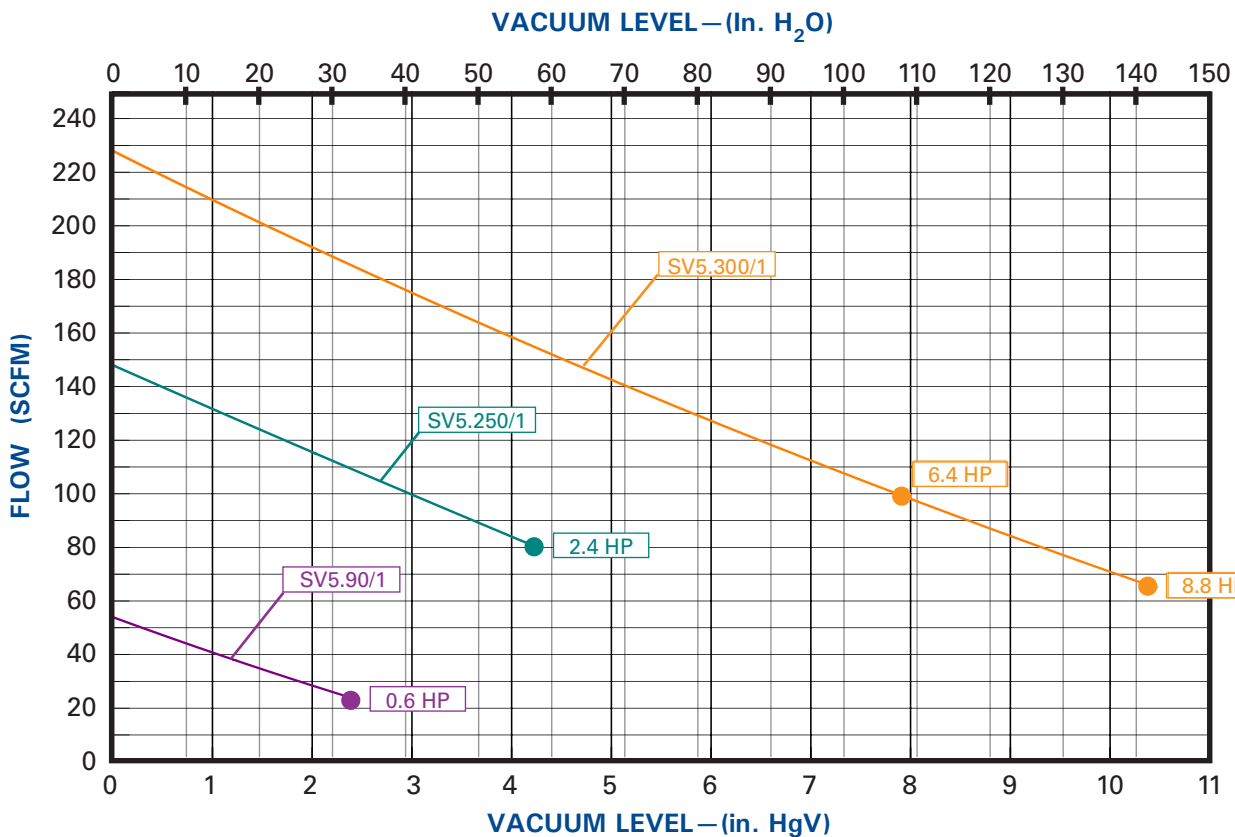
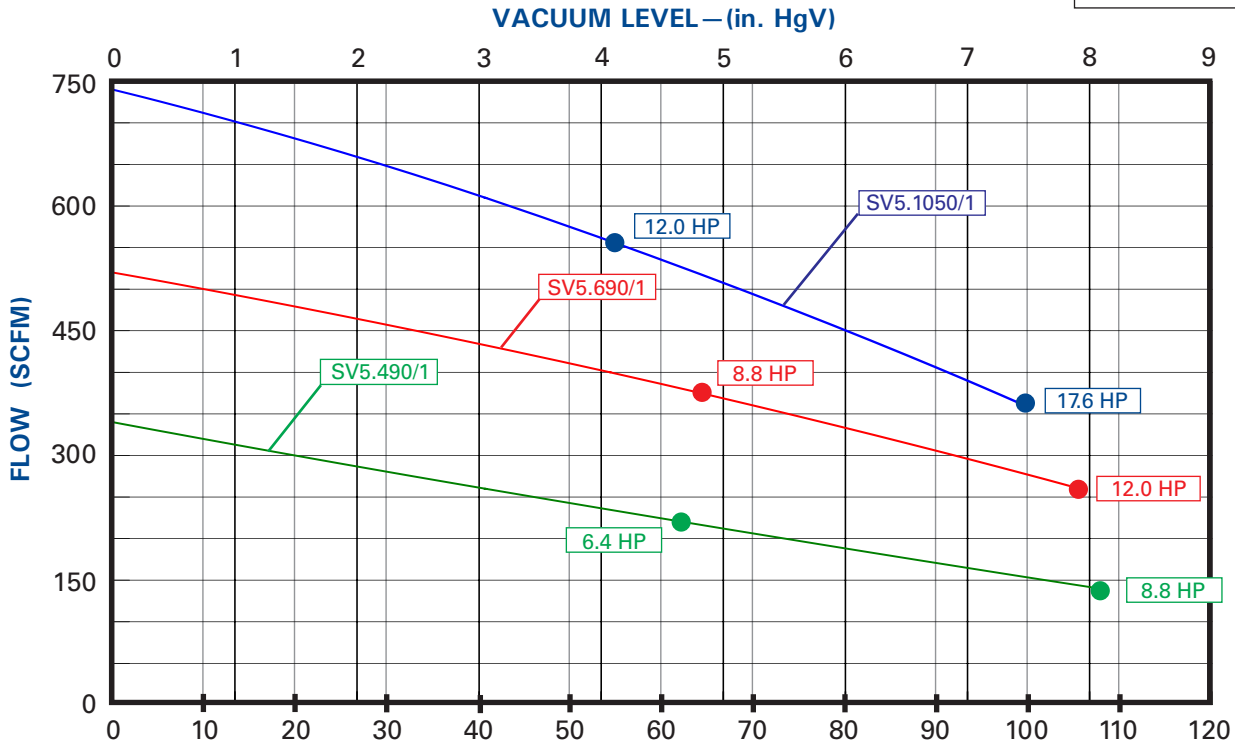
A wide range of accessories is available, including pressure and vacuum relief valves, special purpose inlet filters and separators, and conveying eductors.



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

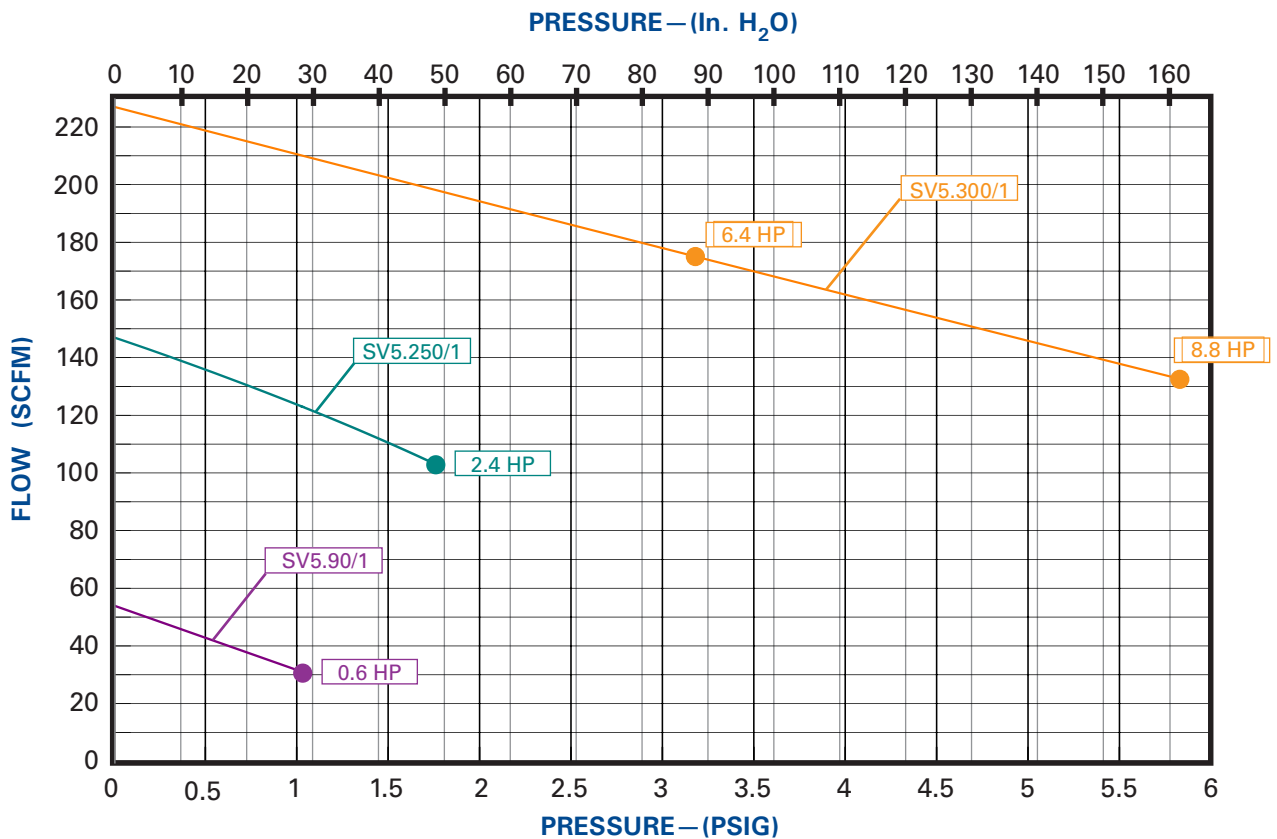
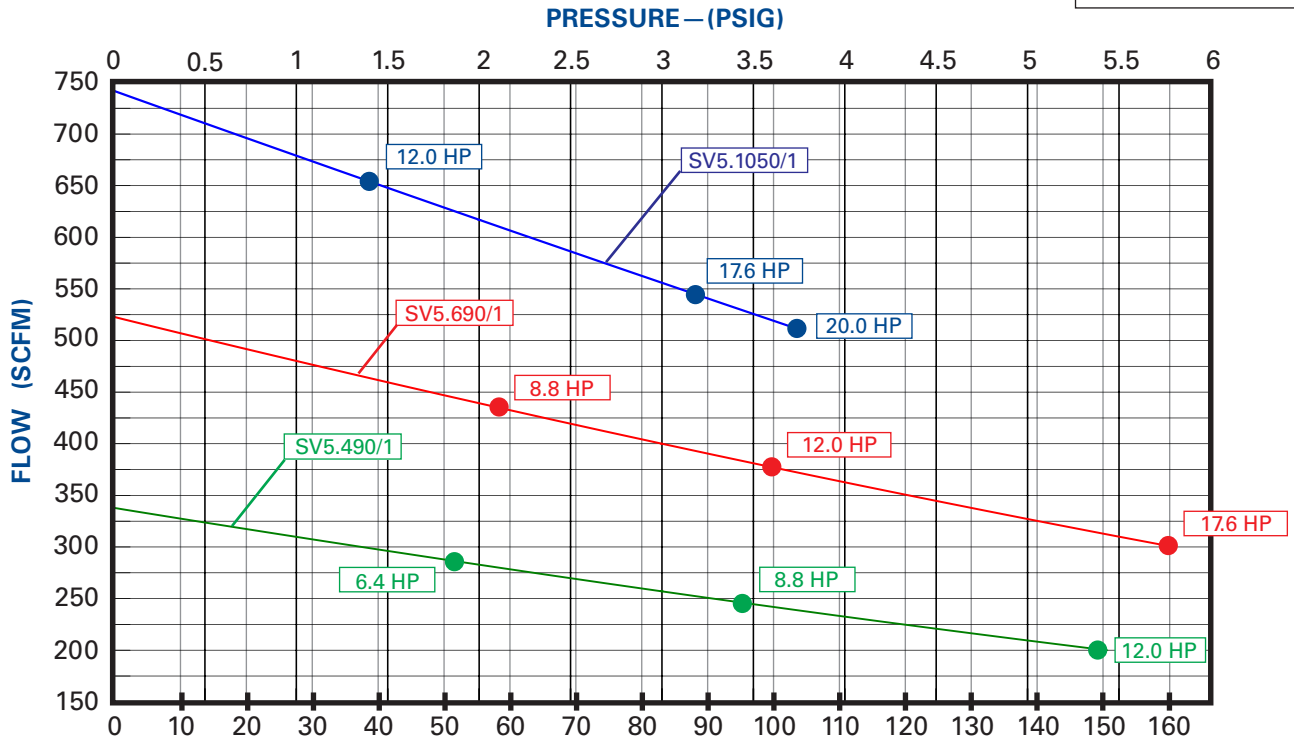
# PERFORMANCE DATA

**SV5 Series**  
**1 Stage**  
*Vacuum*



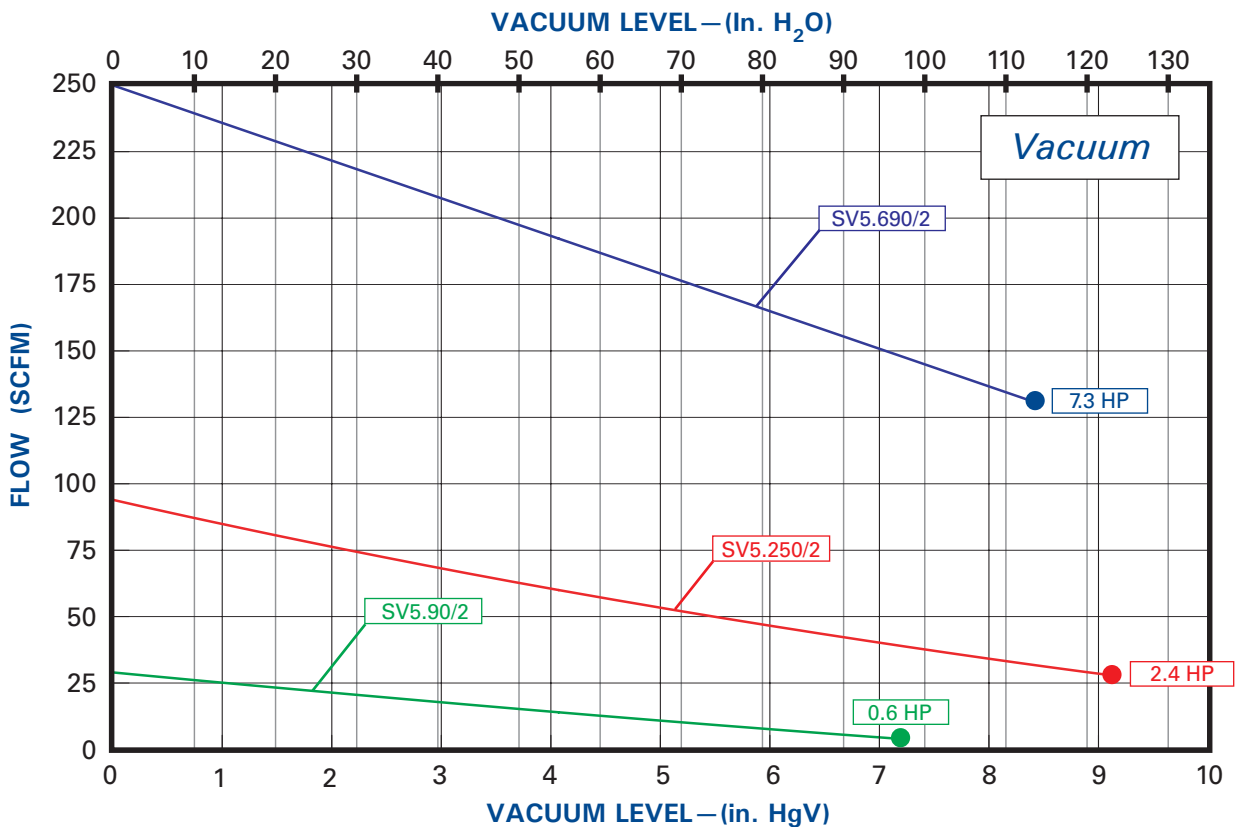
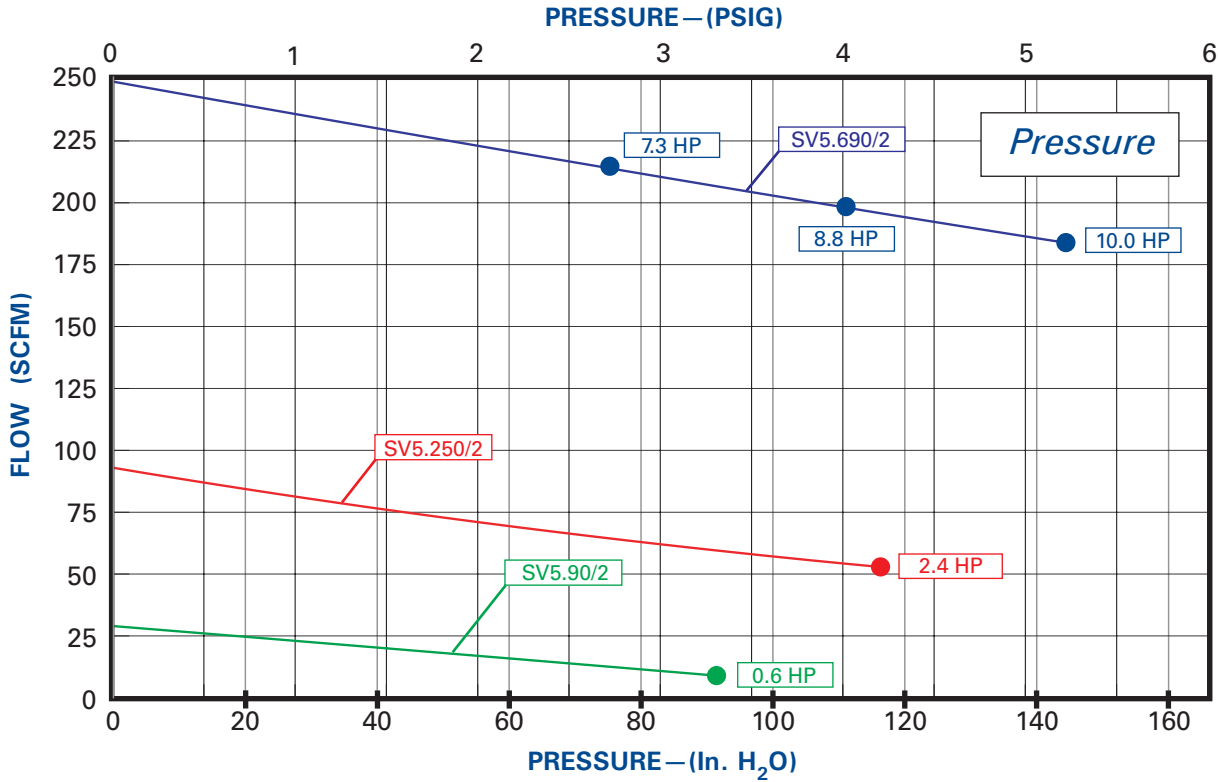
# PERFORMANCE DATA

**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 <sub>2</sub> O)	45	61	142	108	106	122	102	128	114
Maximum Pressure (in. H <sub>2</sub> 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	A wide range of operating voltages is available. Please contact the factory for details.								
(SV5.90 also available in single phase)									
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

