

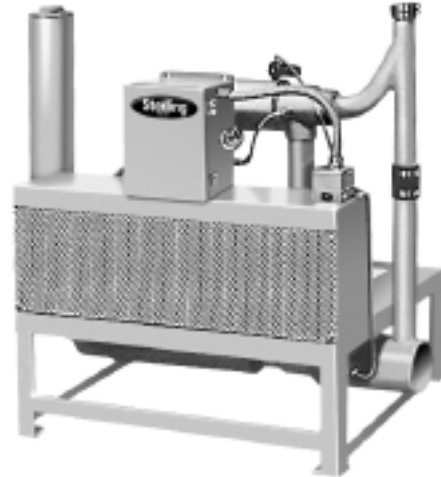
# SPDB SERIES



25-30 HP Vacuum  
Conveying System

## BLOWBACK CYCLE CLEANS FILTER ON DEMAND

The Sterling SPDB Series blowback vacuum pump features non-reversing valves with PulseJet Blowback and is designed to convey dusty materials and some powders over long distances. The blowback cycle cleans the filter on demand and aids in emptying the vacuum receivers. The power unit automatically cycles from load cycle to blowback with unique air directional valves without stopping and reversing the motor and blower.



### Features

- Positive displacement blower
- 460/3/60 totally-enclosed fan-cooled (TEFC) motor
- Non-reversing valve design
- NEMA-12 junction box with starter mounted on unit
- Vacuum gauge
- Mechanical high vacuum relief valve
- High vacuum safety switch
- Premium discharge silencer

### Options

- Sound enclosure
- Fused disconnect
- NEMA 4 junction box
- 208/3/60, 230/3/60, 380/3/50, 415/3/50, 575/3/60 voltage
- Re-sheave power unit
- Retrofit junction box to convert old style or other manufacturers vacuum power units to use new SPDB controllers. Specify HP and voltage when ordering.

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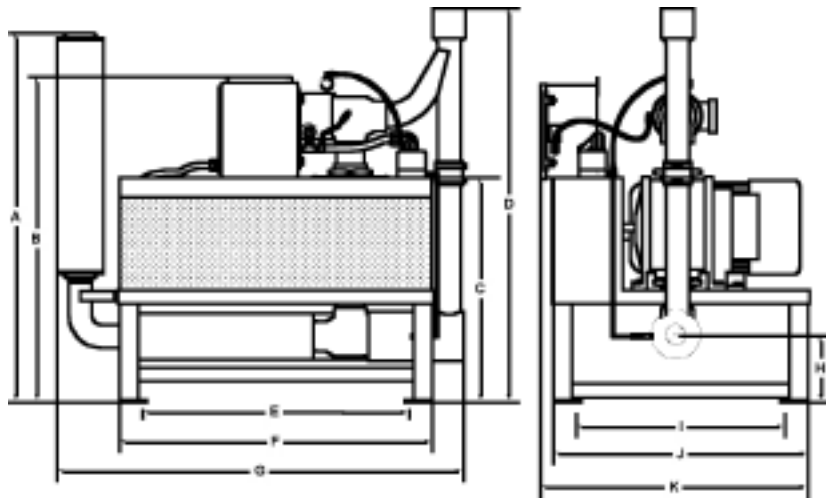
### SPECIFICATIONS

Model	HP (kW)	Line Size OD in. (mm)	Air Flow cfm (cmh)	Amp Draw 230 V	Amp Draw 460 V	Amp Draw 575 V	Shipping Weight lbs. (kg)
SPDB25	25 (18.7)	4.5 (4" sch 10)	570 (968)	49.6	24.8	19.8	1600 (727)
SPDB30	30 (22.4)	5" sch 10	711 (1208)	76.3	38.1	30.4	1700 (789)

Rated performance is at standard atmosphere and sea level conditions. High elevation affects system performance.  
 Note: 3.5" OD is equivalent to 3" Sch. 5; 4.5" OD is equivalent to 4" Sch. 10

Model	Recommended Vacuum Receivers, cu. ft. (l)
SPDB25	3.0, 6.0 (84.9, 169.9)
SPDB30	6.0 (169.9)

### DIMENSIONS



Model	A in. (cm)	B in. (cm)	C in. (cm)	D in. (cm)	E in. (cm)	F in. (cm)	G in. (cm)	H in. (cm)	I in. (cm)	J in. (cm)	K in. (cm)
SPDB25	80 (203)	60 (152)	39 (101)	74 (188)	42.5 (108)	46 (117)	65 (166)	9 (23)	31.5 (80)	35 (89)	32 (81)
SPDB30	80 (203)	60 (152)	39 (101)	74 (188)	42.5 (108)	46 (117)	65 (166)	9 (23)	31.5 (80)	35 (89)	32 (81)