

Vacuum Pumps and Generators



Vacuum Pumps with Standard and Explosion Proof Motors



ANVER offers select models of high efficiency vacuum pumps specially designed for ANVER, and used as part of its vacuum lifting systems. These revolutionary regenerative pumps offer a compact, reliable source of quiet, vibration-free vacuum. ANVER's quality vacuum pumps are made from tough, high-strength materials for long life, and are lightweight and virtually maintenance free. Their highly efficient, state-of-the-art design has rendered the older designs of conventional side-channel blowers obsolete. Vacuum pumps are available in capacities of up to 480+ cfm flow and 18 in. Hg vacuum. Powered by high quality motors, they are more energy efficient, require less horsepower to operate than competitive models, and are offered in a variety of sizes to match your vacuum lifting requirements.

ANVER's high efficiency vacuum pumps are also known as Regenerative Blowers, Ring Compressors, Vortex Blowers, and Side-Channel Blowers by other manufacturers. The difference with these pumps is the precision and quality of parts used, allowing vacuum level and flow to be achieved with lower noise levels. Most of these pumps can be used to create either vacuum or pressure flow. The pumps ANVER offers are the highest quality on the market, with surprisingly low prices in relation to their performance. These pumps are available as both complete vacuum stations (which feature heavy duty mufflers and all appropriate connection fittings), and as replacement units.

NOTE: Optional vacuum or pressure relief valves are also recommended.

Voltage Available	Phase	Cycle	Availability
Dual Voltage: 230/460 or 220/440	3 phase	60	Standard
Single Voltage: 380 or 575	3 phase	50	Consult Factory*

* Note: When 380 or 575 voltages are used, pump capacity is decreased by 1/6th (16.7%). Consult Factory for more information and other available non-standard configurations.

Standard Regenerative Direct-Drive Vacuum Pumps and Vacuum Station Specifications

Note: Vacuum Stations include a large muffler and fittings

Complete Station Part Number	HP (KW)	SCFM (l/min.)	Max. Vacuum in. Hg (mm Hg)	Pump Part Number	Sound Enclosure	Shipping Wt. lb (kg)
VB3HF-S	3.4 (2.53)	142 (4021)	8 (203)	VB3HF	SDE-3	53 (23.5)
VB4HF-S	5.0 (3.73)	220 (6230)	12 (305)	VB4HF	SDE-4	75 (33.3)
VB7HV-S	5.0 (3.73)	98 (2775)	18 (457)	VB7HV	SDE-7	94 (41.70)
VB8HF-S	8.5 (6.34)	320 (9061)	12 (305)	VB8HF	SDE-8	277 (122.89)
VB9HV-S	7.5 (5.59)	124 (3511)	18 (457)	VB9HV	SDE-9	112 (49.69)

Explosion Proof Regenerative Vacuum Stations

Note: Vacuum Stations include a large muffler and connection fittings

Station Part Number	HP (KW)	Class1/ Division1/ Group D	Class 1/ Division 1/ Group C&D	Class 1/ Division 1/ Group F&G
VB4HF-S	4.8	VB4HF-S-X11D	VB4HF-S-X11CD	VB4HF-S-X21FG
VB7HV-S	5.0	VB7HV-S-X11D	VB7HV-S-X11CD	VB7HV-S-X21FG
VB8HF-S	8.5	VB8HF-S-X11D	VB8HF-S-X11CD	VB8HF-S-X21FG
VB9HV-S	7.5	VB9HV-S-X11D	VB9HV-S-X11CD	VB9HV-S-X21FG

Explosion Proof Regenerative Vacuum Pumps Only

Pump Part Number	HP (KW)	Class1/ Division1/ Group D	Class 1/ Division 1/ Group C&D	Class 1/ Division 1/ Group F&G
VB4HF	4.8	VB4HF-X11D	VB4HF-X11CD	VB4HF-X21FG
VB7HV	5.0	VB7HV-X11D	VB7HV-X11CD	VB7HV-X21FG
VB8HF	8.5	VB8HF-X11D	VB8HF-X11CD	VB8HF-X21FG
VB9HV	7.5	VB9HV-X11D	VB9HV-X11CD	VB9HV-X21FG

➔ This spec sheet was adapted for print from our website. Additional information and photos are available at www.anver.com. 5031801