

Oil-free operation



Welch®

Vacuum/
Pressure Pump
39841

**Welch® Vacuum/
Pressure Pumps**

- Great for suspended solids and membrane filtration
- Use with dry or aqueous vapors

Use these pumps for filtration and aspiration applications that don't generate chemical vapors, such as suspended solids and membrane filtration procedures. Oil-free operation simplifies use, lowers the noise level and extends the service life of your pump. Pumps feature inlet liquid trap, water muffler and 1/4"ID hose barb. Choose from versatile vacuum/pressure pumps or high-flow vacuum pumps.

Vacuum/pressure pumps (models 2522 and 2534) offer the convenience of having vacuum and pressure capabilities in a single unit. They feature two pressure/vacuum gauges with regulators. Choose from two sizes.

Vacuum pumps (model 2567) provide vacuum at 60 torr for six funnel manifolds—letting you run multiple samples at once. They feature a vacuum gauge with regulator for precise vacuum adjustments.

Includes: 5'L power cord with 3-prong plug for 115-VAC operation. 1-year warranty.

Note: If using with a 1-L filter flask (typically 3/8" barb), order two 3/8" hose barbs below. Be sure to follow proper start-up and shut-down procedures, and use an additional moisture trap to prevent damage and prolong pump life.

Alternate voltages are available. Contact USABlueBook for more information.



Vacuum Pump 92114



**Welch® DryFast®
Chemical Duty Vacuum Pumps**

- Powerful vacuum pumps for rotary evaporation, concentrators, degassing and other chemical applications
- Convenient adjustment knob gives you precise vacuum control
- Oil free design minimizes maintenance

Quiet, durable diaphragm pumps handle a wide range of harsh chemical applications. Advanced Vapor Management (AVM) feature lets you precisely control vacuum level for organic solvents and aggressive vapors. PTFE and perfluoroelastomer contact surfaces resist aggressive chemicals. Choose from two models; both include a 115V plug and accept 1/4"ID tubing.

Model 2014 is a single-stage pump with excellent flow characteristics. Use for vacuum filtration with up to two funnels. It handles rotary evaporation of volatile solvents with atmospheric boiling points up to 80°C (176°F).

Model 2034 is a two-stage pump for rotary evaporation of up to 2 L of solvents with atmospheric boiling points as high as 110°C (230°F).

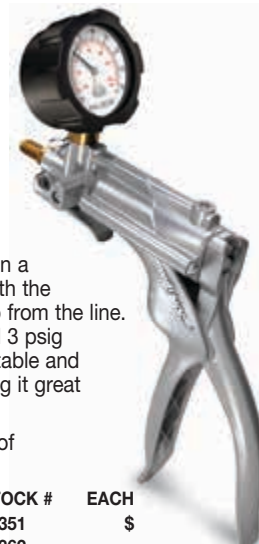
Includes: 1-year warranty.

	92115	92116
Free air capacity:	1.2 cfm	0.9 cfm
Max vacuum:	28.3" Hg	29.6" Hg
Ultimate vac pressure:	40 torr	9 torr
# Funnels:	1 to 2	—

MFR #	DESCRIPTION	STOCK #	EACH
2014B-01	Model 2014 Vacuum Pump, 1.2 cfm	92115	\$
2034B-01	Model 2034 Vacuum Pump, 0.9 cfm	92116	
2047K-01	Repair Kit for Stock # 92115	92120	
2037K-01	Repair Kit for Stock # 92116	92121	

**Nalgene® Hand-Operated
Vacuum/Pressure Pumps**

- Economical alternative to conventional vacuum/pressure pumps
- Updated model has smoother, more ergonomic design



Use this hand-operated pump to quickly obtain a vacuum up to 25" Hg. Release the vacuum with the press of a trigger without disconnecting pump from the line. Pump has a pumping rate of 15 cc/stroke and 3 psig positive pressure at the exhaust port. It is portable and features rugged zinc alloy construction, making it great for field applications.

Includes: gauge graduated in "Hg and 2 feet of 1/4"ID tubing.

MFR #	DESCRIPTION	STOCK #	EACH
6133-0010	Vacuum/Pressure Pump with Gauge	33351	\$
6133-2000	Vacuum/Pressure Pump Repair Kit	33362	

	39841	39842	92114
Free air capacity:	0.76 cfm	1.2 cfm	3.5 cfm
Max vacuum:	26" Hg	27.2" Hg	27.6" Hg
Max pressure:	100 psig	50 psig	—
# Funnels:	1 to 2	1 to 4	6-funnel manifold

MFR #	DESCRIPTION	STOCK #	EACH
VACUUM/PRESSURE PUMPS			
2522B-01	Model 2522 Vacuum/Pressure Pump, 0.76 cfm	39841	\$
2534B-01	Model 2534 Vacuum/Pressure Pump, 1.2 cfm	39842	
2522K-03	Service Kit for Stock # 39841	39843	
2534K-03	Service Kit for Stock # 39842	39844	
VACUUM PUMPS			
2567B-50	Model 2567 Vacuum Pump, 3.5 cfm	92114	\$
2567K-03	Service Kit for Stock # 92114	92118	
2567K-04	Seal Kit for Stock # 92114	92119	

ACCESSORIES			
—	1/8" NPT(M) x 3/8" Brass Hose Barb Fitting	39919	\$
—	Nalgene® Vacuum Tubing, 1/4"ID x 5/8"OD x 5'L	24768	