

DUAL-FORCE VAC

The Highest Quality Dual Mode Drum Pump Available

Switch From **Pump In** to **Pump Out** in Seconds.



The Vortec Dual-Force Vac, a powerful yet economical two-way drum pump, uses filtered, compressed air and Vortec's air amplifier technology to move a large volume of material using a small amount of compressed air.

Its patented design offers many unique features. The quiet and safe operation of this air-powered drum pump means no motor burn out and no shock hazard.

The Dual-Force Vac is truly a versatile, plant maintenance cleaning tool for fast, pump-in/pump-out handling of liquids and small solids.

- Coolant sumps, even with chips and swarf
- Sludge and waste water from parts washers
- Solvents
- Hydraulic oil
- Liquid transfers
- Tramp oil
- Liquid spills
- Plastic pellets
- And much more

Features

- Automatic safety shutoff valve prevents overflows
- Relief valve limits internal drum pressure to 8 PSIG
- Installs on 55 gallon drum in less than a minute
- Virtually no maintenance with very quiet operation
- Suitable for most non-volatile, non-flammable liquids
- Closed head drum not included



Vortec, an ITW Company

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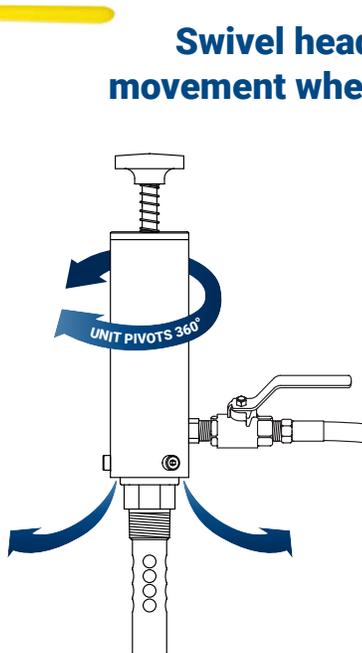
The Dual-Force Vac delivers fast, reliable operation.

The Model #2109 Dual-Force Vac includes: pump body assembly with overflow preventer and pressure relief valve, ball valve with 1/4" NPT (F), hose drum connection, drum evacuation tube, hose (1 1/4" x 10" long), and extension wand.

The Dual-Force Vac is not intended for use with flammable or volatile liquids such as gasoline, alcohol, kerosene, aviation fuel, mineral spirits or any materials that have a low flash point.

Swivel head design allows easier movement when connected to air supply.

- Installed unit pivots 360° for easy hookup to compressed air line, and facilitates caster mounted drum portability
- Safe, convenient downward exiting of exhaust air



Dual Mode Operation

Rotate Knob 1/4 Turn and Release



Push Knob Down and Rotate 1/4 Turn

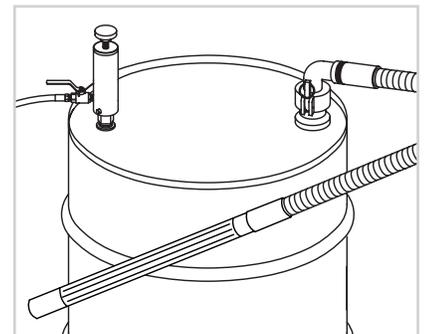


Air Supply Pressure (PSIG)	Air Consumption (SCFM)	Vacuum (inHg)	Fill rate (GPM)	Empty rate (GPM)
50	15	6.7	29.5	36.7
100	23	9.5	33	33

Note: Not recommended to operate at less than 50 PSIG. Flow rates based on a liquid viscosity of 0.8 cps.

More powerful operation conveys liquids up to 33 GPM

- The Dual-Force Vac quickly installs on a UN/1A/X1.8/300 rated, closed head 55 gallon drum. The drum should be in good condition free of dents or rust.
- Perfect for machine sumps, parts washers, floor spills and versatile liquid transfers



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For more information on Dual-Force Vac, click here or scan this QR code with your smart phone.

