

# Dual-Force Vac

## Two-Way Drum Pump



### ***The Highest Quality Dual Mode Drum Pump Available***

ITW Vortec has introduced the new Dual-Force Vac — a powerful yet economical two-way drum pump. Its all new, patent pending 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:

- Coolant sumps, even with chips and swarf
- Sludge and waste water from parts washers
- Solvents
- Hydraulic Oil
- Liquid Transfers
- Tramp Oil
- Liquid spills
- And much more

***Priced at or Below Other's Vacuum-Only Models***



Using filtered compressed air, the heart of the Dual-Force Vac is ITW Vortec's Transvector air amplifier, which moves a large volume of air using a lesser amount of compressed air.

- 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 - quiet operation
- Resistant to most non-volatile, non-flammable liquids.
- Optional wand and squeegee kit handles large floor spills.
- Closed head drum not included.



**ITW Vortec**  
Innovative Compressed Air Technologies

# Dual-Force Vac

TWO-WAY DRUM PUMP

Installed unit pivots 360° for easy hookup to compressed air line, and facilitates caster mounted drum portability

UNIT PIVOTS 360°

Safe, convenient downward exiting of exhaust air

Rotate Knob 1/4 Turn and Release

Push Knob Down and Rotate 1/4 Turn



**Dual Mode Operation**

**The Dual-Force Vac delivers fast, reliable operation, backed by a two year warranty**

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

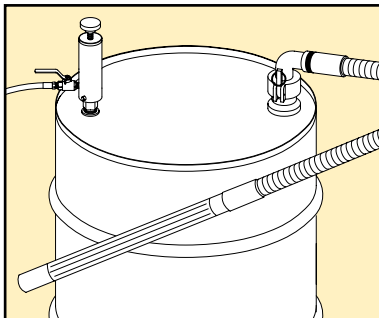
The Dual-Force Vac is not intended for use with flammable or volatile liquids such as gasoline, alcohol, kerosene, aviation fuel, mineral spirits or any materials that have a low flash point.

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

AIR SUPPLY PRESSURE PSIG	AIR CONSUMPTION SCFM	VACUUM IN. OF MERCURY	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/1A1/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**

The Dual-Force Vac is ideal for large floor spill pick-ups. Order model #2102 accessory kit. Kit includes aluminum wand and squeegee spill pick up tool.



MODEL NO.	DESCRIPTION
2109	Dual-Force Vac, Two-Way Drum Pump
2102	Spill Pick Up Kit, Includes aluminum wand and squeegee



513-891-7474 or 800-441-7475

Fax: 513-891-4092

Website: [www.itwvortec.com](http://www.itwvortec.com)

e-mail: [techsupport@vortec.com](mailto:techsupport@vortec.com)

Reference the Product Guide catalog and/or ITW Vortec invoice **Conditions of Sale** for complete information and warranty terms.

Due to a policy of continuous development we reserve the right to change specifications without notice.