

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.

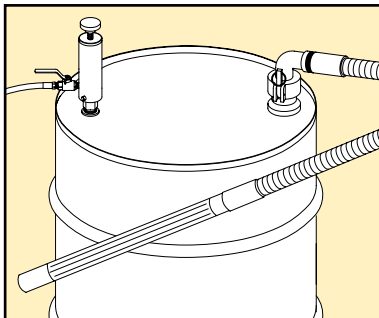
Swivel head design allows easier movement when connected to air supply

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



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

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



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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.