
Dual-Force Vac

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1 Dual-Force Vac

Two-Way Drum Pump for Fast Cleanout of Sumps and Parts Washers

1.1 Overview

The Dual Force Vac System is a convenient and versatile solution for liquid material handling and spill clean up. Using powerful Transvector technology, the Dual Force Vac Drum Pump can either fill or discharge a 55 gallon drum in under two minutes. It switches easily - with a 1/4 turn of a knob - from fill to discharge mode. And the Dual Force Vac can handle viscous liquids and particulates.



1.2 Features

- Ease of use with patented design

- Automatic safety shut off valve prevents overflows
- Relief valve limits internal drum pressure to 8 psig
- Installs on a 55 gallon drum in less than a minute: Drum spec UN/1A1/X1.8/300
- Resistant to most non-volatile, non-flammable liquids
- Optional wand and squeegee kit handles large floor spills
- Switches from fill to discharge mode with a 1/4 turn of a knob
- Installed unit pivots 360 deg for easy hookup to compressed air line; facilitates caster-mounted drum portability

1.3 Benefits

- Fast pick up or discharge, fills or empties a drum in less than 2 minutes
- Cleans machine sumps including chips and particulates
- Handles liquids up to 1500 cPs
- Handles particulates and swarf with ease
- Single tool switches quickly from discharge to suction
- Safe, with no shock hazard
- Low maintenance, with no motor or moving parts

1.4 Applications

Quiet and safe, the Dual Force Vac is air-powered with no moving parts, meaning no motor burn out and no shock hazard. It quickly installs on a 55 gallon drum and comes with a 10 foot hose and nozzle. An optional aluminum wand and squeegee are available to facilitate spill pick up.

1.5 Uses

- Liquid transfers
- Coolant sumps, even with solids
- Sludge and waste water
- Spill pick up
- Containment aprons

2 Models

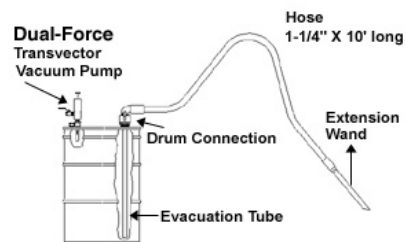
2.1 Dual-Force Vac

Using powerful Transvector technology, the Dual Force Vac Drum Pump can either fill or discharge a 55 gallon drum in under two minutes.

2109: Dual-Force Vac Drum Pump

Do not operate the Dual Force Vac Drum Pump at less than 50 psig or more than 100psig Flow rates are based on a liquid viscosity of 0.8 cPs

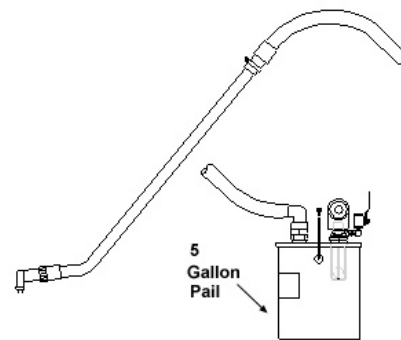
Model	2109
Compressed Air Pressure, psig	50-100
Air Consumption, scfm	15-23
Vacuum, inch of Hg	6.7-9.5
Fill Rate, gal per min	29.5-33
Empty Rate,gal per min	37-33
Weight, lbs	10



DRUM NOT INCLUDED
Uses a UN1A2/Y1.2/100 rated 55 gallon drum.

2102: Spill Pick Up Kit

Model	2102
Compressed Air Pressure, psig	50-100
Air Consumption, scfm	15-23
Vacuum, inch of Hg	6.7-9.5
Fill Rate, gal per min	29.5-33
Empty Rate, gal per min	37-33
Weight, lbs	10



3 Technical data

Dual-Force Vac

Model	Compressed Air Pressure, psig	Air Consumption, scfm	Vacuum, inch of Hg	Fill Rate, gal per min	Empty Rate, gal per min	Weight, lbs
2109	50-100	15-23	6.7-9.5	29.5-33	37-33	10
2102	50-100	15-23	6.7-9.5	29.5-33	37-33	10