



DIVERSITECH
air pollution solutions



WV-55 SLUDGE VACUUM

The WV-55 sludge vacuum offers a fast, easy way to clean dust, chips and swarf out of wet dust collectors and other equipment. The WV-55 vacuums water along with the sludge and collects the solids in a reusable 5 micron filter bag. The vacuum can then pump back out only the water for reuse in the wet collector. The sludge vac is ideal for use on machines with sumps, parts washers or any storage containers with contaminated liquids and reduces manual maintenance requirements.

The WV-55 vacuum uses a compressed air powered reversible drum vac that can fill or empty a 55 gallon drum in less than two minutes. Simply set the reversible drum vac pump to “fill” for it to quickly vacuum the liquid and solids. Once the wet collector is empty, set the pump and directional valve to “empty” for it to pump out the liquid for reuse. All the dust, chips and other solids will be collected inside the reusable filter bag for easy disposal.

Features:

- Pump assembly with directional flow valve
- 30, 55 or 110 gallon drum
- 10' chemical resistant hose
- 20' compressed air hose
- Aluminum chip wand
- 2 reusable 5 micron filter bags
- Drum dolly

Benefits:

- Removes unwanted solids from liquid
- No moving parts, No motors to clog or wear out
- Self priming stainless steel pump
- Safe - no electricity
- Built-in pressure/vacuum relief
- Spill free - auto safety shutoff
- Quiet



CHIPS • SWARF • SHAVINGS • COOLANT • WATER • SLUDGE



How the WV-55 Sludge Vacuum works

The vacuum hose is attached to the barbed connection of the WV-55. The directional flow control valve on top of the drum and knob on the pump are set to the “fill” position. The air supply valve is opened to permit compressed air at 80-100 PSIG (5.5 - 6.9 BAR) to flow through the pump which pulls the liquid through the hose, then into the reusable filter bag. When all liquid is in the drum, the air supply is turned off. The filtered liquid can then be pumped out by setting the directional flow control valve on top of the drum and knob on the pump to the “empty” position. Once the air supply valve is opened, the air pushes the liquid back through the hose while all solids remain in the reusable filter bag

Warning: Do not use any material that has a low flash point or with flammable liquids such as fuel oil, alcohol, mineral spirits, gasoline or kerosene



Specifications

Model	Air Consumption		Water Flow Rate		Sound Level	Net Weight (lbs.)	Product Dimensions (in.)			Shipping Dimensions (in.)			Gross Weight (lbs.)
	SCFM	SLPM	GPM	LPM			Width (in.)	Height (in.)	Length (in.)	Width (in.)	Height (in.)	Length (in.)	
WV-55 Sludge Removal Vacuum													
WV-55	19	538	30	114	86 dBA	45	24	48	24	48	30	40	75

*The filter bag included with the system provides 5 micron filtration.

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