



Heavy Duty Dry Vac

An INTELLIGENT COMPRESSED AIR Product

Heavy Duty Dry Vac™

QUIET, only 82 dBA

Vacuum more material in less time!
Industrial duty vacuum has a rugged construction to resist wear!

What is The Heavy Duty Dry Vac?

EXAIR's Heavy Duty Dry Vac attaches to an ordinary 30, 55 or 110 gallon open-top drum to turn it into a powerful, industrial duty vacuum cleaner. The Heavy Duty Dry Vac has been engineered to vacuum more dry materials in less time with less wear.

Designed for tough industrial environments, the hardened alloy construction resists premature wear while the increased power handles difficult jobs and harsh conditions. The quiet operation makes it suitable for a wide variety of applications including the clean up of abrasive materials like steel shot, garnet, metal chips and sand while also useful for general purpose applications like vacuuming floors, machines, work stations, industrial machinery and equipment.

Why The Heavy Duty Dry Vac?

Electrically operated vacuums have motors and impellers that clog and wear out quickly. There's also a potential shock hazard when electric vacs are used in standing liquids. The Heavy Duty Dry Vac is compressed air powered which eliminates the shock hazard. It has no moving parts to wear out or break, to assure long life. It is quiet with a sound level that is half that of electric vacs. A static resistant hose prevents painful shocks when vacuuming dry materials.



The Heavy Duty Dry Vac cleans up a spill of tumbling media.



110 Gallon Heavy Duty Dry Vac provides maximum capacity cleanup for a large, dusty walnut shell blasting application.



Sand that covers the floor around a sand blaster is quickly vacuumed into the drum using the rugged floor tool.

	Vacuuming Rate Comparison		
	1/4 NPT Pipe Plugs bulk density is 250 lb/ft ³ (4005 kg/m ³)	Plastic Pellets (tumbling media) bulk density is 69.3 lb/ft ³ (1110 kg/m ³)	Steel Shot (blasting media) bulk density is 317.7 lb/ft ³ (5089 kg/m ³)
Standard Chip Vac	11.1 lbs/min (5 kg/min)	27.4 lbs/min (12.4 kg/min)	13 lbs/min (5.9 kg/min)
HD Dry Vac	26.9 lbs/min (12.2 kg/min)	51.6 lbs/min (23.4 kg/min)	32 lbs/min (14.5 kg/min)
% Increase	142%	88%	146%

Applications

- Work surfaces
- Abrasive tumbling media
- Industrial machinery
- Shop floors
- Sand blasting equipment
- Grinders
- Punch presses
- Absorbent pick-up
- Building maintenance/remodeling
- Saws
- Gravel

Advantages

- Moves more material in less time
- Hardened construction resists wear
- No moving parts - maintenance free
- No motors to clog or wear out
- No electricity
- Continuous duty with high capacity
- Static resistant hose
- Quiet
- Powerful direct flow action
- Heavy duty accessories

Industrial Housekeeping

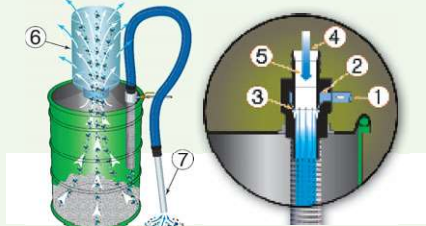
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How The Heavy Duty Dry Vac Works



Compressed air, normally 80-100 PSIG (5.5 - 6.9 BAR), flows through the inlet (1) into an annular plenum chamber (2). It is then injected into the throat through directed nozzles (3). These jets of air create a vacuum at the intake (4) which draws material in, accelerates it through the unit (5), and directs it to the bottom of the drum. The airflow exhausts through the port in the drum lid. Airborne particles are trapped by the filter bag (6). The Heavy Duty Dry Vac unit (5) and vacuum tools (7) are built to withstand rugged use.

The Heavy Duty Dry Vac's lever lock drum lid fits any open top drum. Moving it from one drum to another can be done quickly, making it easy to keep different materials separate for recycling. All materials are vacuumed directly into the drum, eliminating the heavy lifting that is common with electrically powered vacuums. The Heavy Duty Dry Vac can be used with an open head steel, fiber or plastic drum that is in good condition (ANSI Standard #MH2-2004). To prevent material contamination, a poly drum liner can be inserted into the drum.

Warning: Do not use with combustible dust.

Heavy Duty Dry Vac System Specifications

Model	Pressure Supply		Air Consumption		INLET	Sound Level
	PSIG	BAR	SCFM	SLPM		
ALL	80	5.5	68	1,924	3/8 NPT	82 dBA



The Model 6197 Heavy Duty Dry Vac System includes 10' (3m) static resistant hose, 20' (6.1m) compressed air hose, filter bag, aluminum chip wand, shutoff valve and gauge.



The Model 6297 Deluxe Heavy Duty Dry Vac System comes complete with a 10' (3m) static resistant hose, 20' (6.1m) compressed air hose, filter bag, shutoff valve, gauge, heavy duty tools, tool holder and drum dolly.

Premium Heavy Duty Dry Vac Systems are the same as Model 6297 and add either a 30, 55 or 110 gallon drum.

Heavy Duty Dry Vac Systems

Model #	Description
6197	55 Gallon Heavy Duty Dry Vac System includes the Heavy Duty Dry Vac, lever lock drum lid, shutoff valve, filter bag, 10' (3m) polyethylene static resistant hose (1-1/2"/38mm I.D.), hose hanger, 1/2 NPT quick connect couplings, 20' (6.1m) air hose with swivel fitting, pressure gauge, and aluminum chip wand (drum not included).
6197-30	30 Gallon Heavy Duty Dry Vac System - same as the Model 6197 except fits a 30 gallon drum (drum not included).
6297	55 Gallon Deluxe Heavy Duty Dry Vac System - same as Model 6197 plus drum dolly and heavy duty aluminium tools. Additional tools include 2 piece double bend wand, 12" (305mm) floor tool, 11" (279mm) crevice tool, 24" (610mm) crevice tool, skimmer tool with detachable brush, tool holder, and a 3-1/2" (89mm) diameter dust brush with conductive bristles (drum not included).
6297-30	30 Gallon Deluxe Heavy Duty Dry Vac System - same as the Model 6297 except fits a 30 gallon drum (drum not included).
6397	55 Gallon Premium Heavy Duty Dry Vac System - same as the Model 6297 and adds a 55 gallon drum.
6397-30	30 Gallon Premium Heavy Duty Dry Vac System - same as the Model 6397 except includes a 30 gallon drum.
6397-110	110 Gallon Premium Heavy Duty Dry Vac System - same as the Model 6397 except includes a 110 gallon drum.
6097	Heavy Duty Dry Vac only - included in all systems listed above.

Accessories

Model #	Description	Model #	Description
6804	Replacement Filter Bag	9041-30	30 Gallon Drum Dolly
901176	Magnetic Tool Holder	9041-110	110 Gallon Drum Dolly
901071	Heavy Duty Aluminum Tools plus Tool Holder	901069	55 Gallon Drum Only
6580-20	20' (6.1m) Static Resistant Vacuum Hose	901069-30	30 Gallon Drum Only
9041	55 Gallon Drum Dolly	901069-110	110 Gallon Drum Only

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