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.

Vacuuming Rate Comparison		
1/4 NPT Pipe Plugs bulk density is 250 lb/ft³ (4005 kg/m³)	**Plastic Pellets (tumbling media)** bulk density is 69.3 lb/ft³ (1110 kg/m³)	**Steel Shot (blasting media)** bulk density is 317.7 lb/ft³ (5089 kg/m³)
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%

110 Gallon Heavy Duty Dry Vac provides maximum capacity cleanup for a large, dusty walnut shell blasting application.
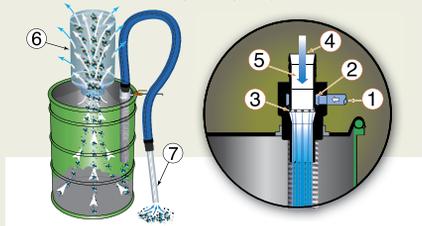
Applications
- Work surfaces
- Abrasive tumbling media
- Industrial machinery
- Shop floors
- Sand blasting equipment
- Grinders
- Punch presses
- Absorbent pick-up
- Building maintenance/remodeling
- Saws
- Gravel

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

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

For Technical Assistance, Call An EXAIR Application Engineer 1-800-903-9247
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Industrial Housekeeping

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 excepts 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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Heavy Duty HEPA Vac™

QUIET, only **82** dBA

A rugged HEPA quality vacuum! High capacity cleaning for dusty environments!

What Is The Heavy Duty HEPA Vac?

EXAIR's compressed air operated Heavy Duty HEPA Vac attaches to an ordinary 30, 55, or 110 gallon open top drum to turn it into a powerful, HEPA (High Efficiency Particulate Air) quality, industrial vacuum cleaner. Like the Heavy Duty Dry Vac, it's powerfully designed to move more material with less wear. In addition, the Heavy Duty HEPA Vac has been engineered to filter contaminants to HEPA requirements in dusty environments requiring frequent cleaning.

Why The Heavy Duty HEPA Vac?

Engineered for dusty environments that require regular cleaning, the HEPA filter is designed with high capacity in mind. Ordinary vacuums can clog up quickly in environments with an abundance of dust or particulates. An economical, easily maintained pre-filter stops larger particles of debris while the HEPA filter handles smaller matter. All of EXAIR's filters are 100% tested in strict accordance to IEST-RP-CC-007 for minimum 99.97% filtration at the 0.3 micron level to meet HEPA standards. An optional filter protector is available to extend the life of the HEPA filter.

The Heavy Duty HEPA Vac does not use electricity and has no moving parts, assuring maintenance free operation. This eliminates the risk of electric shock often associated with electric shop vacs. Static resistant hose prevents painful shocks when vacuuming dry, dusty materials.

2013 Plant Engineering PRODUCT of the YEAR Silver Award

A clogged filtering system for a buffing booth is quickly cleaned and put back into service using the Heavy Duty HEPA Vac.
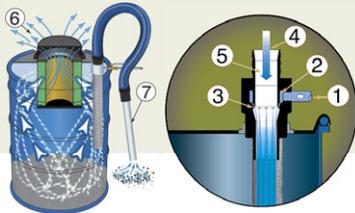
Industrial Housekeeping

Applications
- Critical dust removal
- Clean up around grit and dust producing equipment
- Abrasive media
- Shop floors
- Drywall refinishing
- Industrial contaminants
- Mold and allergen removal
- Trapping dust and airborne irritants
- Eliminate exhaust debris

Advantages
- For frequent use in dusty environments
- Hardened construction resists wear
- No moving parts - maintenance free
- No electricity
- Static resistant hose
- Dust free operation
- Reduces exposure to airborne particulates
- Includes accessories
- Quiet

A technician uses a Heavy Duty HEPA Vac to perform scheduled maintenance on a pulverizer.

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How The Heavy Duty HEPA 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 passes first through the pre-filter and then through the 0.3 micron HEPA filter, trapping airborne particles. It then exhausts through the vent in the drum lid (6). The Heavy Duty Dry Vac unit (5) and vacuum tools (7) are built to resist wear.

The Heavy Duty HEPA Vac's lever lock drum lid fits any open top 30, 55 or 110 gallon 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 HEPA 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.

Heavy Duty HEPA 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 6199 Heavy Duty HEPA Vac System includes HEPA filter, pre-filter, 10' (3m) static resistant hose, 20' (6.1m) compressed air hose, aluminum chip wand, shutoff valve and gauge.

The Model 6299 Deluxe Heavy Duty HEPA Vac System comes complete with HEPA filter, pre-filter, 10' (3m) static resistant hose, 20' (6.1m) compressed air hose, shutoff valve, gauge, heavy duty tools, tool holder and drum dolly.

Premium Heavy Duty HEPA Vac Systems are the same as Model 6299 and add either a 30, 55 or 110 gallon drum.

Warning: Do not use with combustible dust.

Built to Last 5 yr. WARRANTY
See page 4 for complete details.

Heavy Duty HEPA Vac Systems

Model #	Description
6199	55 Gallon Heavy Duty HEPA Vac System includes Heavy Duty Dry Vac, lever lock drum lid, shutoff valve, pre-filter, HEPA filter, 10' (3m) polyethylene static resistant hose (1-1/2"/38mm I.D.), hose hanger, 1/2 NPT quick connects coupling, 20' (6.1m) air hose with swivel fitting, pressure gauge, and aluminum chip wand (drum not included).
6199-30	30 Gallon Heavy Duty HEPA Vac System – same as Model 6199 except fits a 30 gallon drum (drum not included).
6299	55 Gallon Deluxe Heavy Duty HEPA Vac System- same as Model 6199 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).
6299-30	30 Gallon Deluxe Heavy Duty HEPA Vac System – same as Model 6299 except fits a 30 gallon drum (drum not included).
6399	55 Gallon Premium Heavy Duty HEPA Vac System - same as the Model 6299 and adds a 55 gallon drum.
6399-30	30 Gallon Premium Heavy Duty HEPA Vac System – same as Model 6399 except includes a 30 gallon drum.
6399-110	110 Gallon Premium Heavy Duty HEPA Vac System – same as Model 6399 except includes a 110 gallon drum.
6097	Heavy Duty Dry Vac only - included in all systems listed above.

Accessories

Model #	Description	Model #	Description
901356	Replacement Pre-filter	9041	55 Gallon Drum Dolly
901357	Replacement HEPA Filter	9041-30	30 Gallon Drum Dolly
901373	Optional Filter Protector	901176	Magnetic Tool Holder
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

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