EXAIR®

MANUFACTURING INTELLIGENT COMPRESSED AIR PRODUCTS SINCE 1983



COAT



COOL



CONSERVE



CLEAN



CONVEY

36 CATALOG

BETE®
PERFORMANCE SPRAY ENGINEERING
DIVISION OF EXAIR

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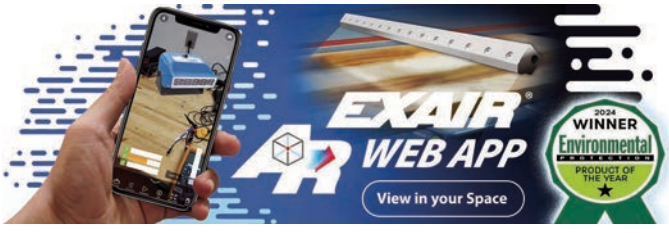
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An INTELLIGENT COMPRESSED AIR® Product

Intelligent Compressed Air® products are identified throughout this catalog that can help your plant save tens of thousands of dollars over the course of a single year. *The Best Practices for Compressed Air Systems* manual published by the Compressed Air Challenge® recommends products like the Super Air Knife™, Super Air Amplifier™, and the family of Super Air Nozzles™ for energy conservation. Many of the products shown offer unique ways to solve common industrial problems using compressed air. Compressed Air Challenge is a registered trademark of Compressed Air Challenge, Inc.

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EXAIR has partnered with Energy Star, a voluntary program of the U.S. Department of Energy and the Environmental Protection Agency. Energy Star offers energy efficient solutions to help save money while protecting the environment for future generations. EXAIR has implemented improved energy management practices and technologies throughout our facility, including energy efficient lighting, HVAC systems, and electronic thermostats. EXAIR's participation in this program underscores our commitment to conserving energy.

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Some products in this catalog are covered by U.S. Patent #5402938, #8153001, #8268179, #D903,817, #10,779,698, #9156045 and 11,969,134, others may be U.S. Patent Pending.
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EXAIR® Industrial Housekeeping Products

Eliminate expensive electric vacuum cleaners that wear out quickly!

What are EXAIR Industrial Housekeeping Products?

Busy industrial environments often produce byproducts, both liquid and solid, that can create troublesome messes that can be hard to handle for ordinary vacuums. Certain manufacturing processes, like manufacturing, milling, drilling, trimming, lubricating, washing and cleaning, all leave behind materials that must be cleaned, transported or repurposed in order to maintain smooth production flow.



EXAIR offers a full line of pneumatic products that are specifically engineered to quickly and quietly vacuum a wide variety of material into standard drums for easy switch-out, transfer, filtering, storage and more.

Why Pneumatic Vacuums?

Electric vacuums have limitations when used in industrial settings. Liquids, chips and other debris can overwork motors, and cause them to burn out quickly, leaving your process with expensive repairs or replacements. EXAIR vacuums operate solely on compressed air, meaning no electricity is needed at any point, making it safer to use in processes around, or involving liquids. Pneumatic vacuums also don't employ any motors or moving parts to wear out, making them relatively maintenance-free. This allows for extended use of the vacuums in applications requiring constant operation, as well as continued efficiency over long periods of time. EXAIR vacuums also meet all OSHA standards for noise exposure and vacuum quietly, while still maintaining the power and durability necessary for tough environments.

EXAIR's line of Industrial Housekeeping products offers adaptable and versatile solutions to handle your industrial cleanup needs.



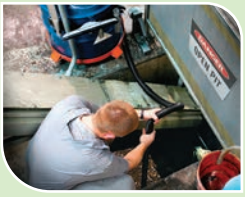
EasySwitch® Wet-Dry Vac

The **EasySwitch Wet-Dry Vac** is an all-encompassing vacuum that offers both a dry and liquid cleanup solution with the simple switch of its patented filter lid. Capable of handling any job - wet, dry, light and heavy - the EasySwitch is a versatile cleanup solution for any process.



Reversible Drum Vac

The **Reversible Drum Vac** utilizes a two-way action, stainless-steel pump that allows for easy emptying and filling of drums. Able to empty or fill a 55-gallon drum in under two minutes, it's a great solution for processes needing easy pick up, transfer or storage of liquids.



High Lift Reversible Drum Vac

The **High Lift Reversible Drum Vac** employs the two-way action ideal for vacuuming and emptying drums but with the additional power necessary to pump liquids up to 15 ft in the air. Provides extra strength and lift for below grade areas such as sumps or tanks.



Chip Trapper

The **Chip Trapper** provides an efficient solution for cleaning debris like chips, swarf and shavings from used liquids. Employing a filter bag, particulate-filled liquids are pumped into the drum and then filter out any pesky debris and recycle valuable liquids.



High Lift Chip Trapper

The **High Lift Chip Trapper** offers a fast and easy way to filter chips and other debris from used liquids but with the extra power to handle lifting thicker and heavier liquids like coolants and oils higher in the air, or over longer distances.



Chip Vac

The **Chip Vac** is a durable industrial-duty vacuum designed with a powerful direct flow action for vacuuming media like metal, wood and plastic. Perfect for cleaning chips and other materials from work floors, machining centers, lathes, mills and more.



Heavy Duty HEPA Vac

The **Heavy Duty HEPA Vac** can transform an ordinary drum into a powerful HEPA (High Efficiency Particulate Air) quality industrial cleaner. Using a powerful micron filter, the HEPA vac is engineered to vacuum and filter contaminants in dusty environments or processes requiring frequent cleaning.



Heavy Duty Dry Vac

The **Heavy Duty Dry Vac** is EXAIR's strongest and most durable vacuum, able to handle rugged and abrasive cleanups. While useful in general purpose applications, it's also capable of handling tougher materials such as steel shot, garnet, metal chips and more.

An INTELLIGENT COMPRESSED AIR® Product

EasySwitch® Wet-Dry Vac

Make the seamless transition from a dry material vacuum to liquids with ease!

What is the EasySwitch Vacuum?

EXAIR's patented* EasySwitch vacuum simplifies the filter change process when switching from vacuuming a dry material to a liquid or vice versa. Utilizing minimal compressed air, the EasySwitch is a powerful pneumatic vacuum that is ideal for any application - wet, dry, light and heavy.

The EasySwitch is designed to handle the toughest of industrial cleanup jobs with ease. EXAIR's EasySwitch vacuum uses a standard or HEPA certified filter when vacuuming dry material. The fast and simple conversion to vacuuming liquids is done by releasing one latch and simply removing the filter element. Using only compressed air, the EasySwitch vacuum creates a powerful vacuum without the need for electricity. Because the vacuum generator has no moving parts and uses no electricity, there is little concern for failed parts, motor failure or personnel safety associated with using electric vacuums for liquids.





Why the EasySwitch Vacuum?

The EasySwitch vacuum is an all-purpose pneumatic vacuum with the capability of handling any job dry or wet. Switching between vacuuming liquids or solids is as easy as removing the pleated filter when vacuuming liquids, and reinstalling directly into the open filter hatch when working with dry material. Like most of EXAIR's Intelligent Compressed Air® products, this compressed air-driven vacuum functions at a quiet 79 decibels without purchasing additional noise muffling accessories. This quiet operation feature protects operator hearing. In addition, the EasySwitch vacuum generally uses less compressed air to produce better or similar performance than other pneumatic competition. The EasySwitch vacuum also features accessory options of both a standard and anti-static vacuum hose, drum dolly for convenient movement, premium metal attachments and tool holder. Providing customers with an effective and adaptable method of cleanup, the EasySwitch vacuum is your all-encompassing solution to industrial housekeeping.

*Patent #11,969,134

Built to Last 5 yr. WARRANTY
See our Terms & Conditions

Industrial Housekeeping

Applications

- Coolant
- Chips
- Floor Cleanup
- Drains
- Shavings
- Sawdust
- Absorbent
- Mold and allergen removal

Advantages

- Easy to switch from liquid to dry material
- High performance with minimal air requirements
- Low sound level
- Maintenance free
- Safe – no electricity
- Spill free – auto safety shutoff
- No motors to clog or wear out
- Continuous duty

Warning:
Do Not Use With Combustible Dust

Warning:
Do Not Use With Any Material With A Low Flash Point Or With Flammable Liquids Such As Fuel Oil, Alcohol, Mineral Spirits, Gasoline Or Kerosene.

EasySwitch Wet-Dry Vac

How The EasySwitch Wet-Dry Vac Works



The EasySwitch vacuum utilizes a filter hatch, secured by one simple latch, for easy installation and replacement of filters. It does not require any additional springs, clips or closures. A rubber handle (1) is connected to the filter latch (2). Unlatching the handle from the drum lid will allow the hatch to be raised. When the hatch is raised, the filter (3) can be installed or uninstalled easily. The filter simply lifts out of the filter hatch hole, and be can reinstalled by placing the filter on top of edge gasket (4) on the filter hatch hole. For operation, close the hatch and secure the rubber handle (1). When the filter is installed, the vacuum will work with dry media and, when it is uninstalled, it will work with liquids. When the drum is filled with liquid, the vacuum is automatically turned off by a float shutoff.

Warning:

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

Dry: Do not use with combustible dust.



The Model 6101 EasySwitch Vac System includes a standard filter, 10' (3m) hose, 20' (6.1m) compressed air hose, plastic tools, shutoff valve and gauge. HEPA version also available.



The Model 6201 Deluxe EasySwitch Vac System comes complete with standard filter, 10' (3m) static resistant hose, 20' (6.1m) compressed air hose, shutoff valve, gauge, heavy duty tools, tool holder and drum dolly. HEPA version also available.

Premium EasySwitch Vac Systems add a 55 gallon drum.

EasySwitch Wet-Dry Vac Specifications

Pressure Supply		Air Consumption		Lift		Vacuum Flow		Sound Level
PSIG	BAR	SCFM	SLPM	"H_2O	mm Hg	CFM	LPM	dBA
80	5.5	53	1,500	168	314	90	2,548	79
90	6.2	59	1,670	190	355	92	2,605	80
100	6.9	65	1,840	210	392	94	2,661	82

Conveying Rate Comparison for EasySwitch Wet-Dry Vac

Pressure Supply		Water		Plastic Tumbling Media		Steel Shot	
PSIG	BAR	GPM	LPM	Lbs/min	kg/min	Lbs/min	kg/min
80	5.5	36	136	68	31	54	24

EasySwitch Wet-Dry Vac Systems

Model #	Description
6101	55 Gallon EasySwitch Wet-Dry Vac System includes the EasySwitch Vac unit, EasySwitch drum lid, standard filter, pre-filter, 1/2" compressed air hose assembly, pressure gauge, 10' of 1.5" vacuum hose, crevice tool, 19" straight wand, skimmer tool and dust brush. (drum not included)
6201	55 Gallon Deluxe EasySwitch Wet-Dry Vac System - same as Model 6101 and adds a drum dolly, an upgrade to 10 feet of 1.5" antistatic hose, spill recovery kit, extension wand, round dust brush, 24" and 11" crevice tools, 12" wide floor tool and tool holder. (drum not included)
6301	55 Gallon Premium EasySwitch Wet-Dry Vac System - same as Model 6201 and adds a 55 gallon drum.
6103	55 Gallon HEPA EasySwitch Wet-Dry Vac System includes the EasySwitch Vac unit, EasySwitch drum lid, HEPA filter and pre-filter, 1/2" compressed air hose assembly, pressure gauge, 10' of 1.5" vacuum hose, crevice tool, 19" straight wand, skimmer tool and dust brush. (drum not included)
6203	55 Gallon Deluxe HEPA EasySwitch Wet-Dry Vac System - same as Model 6103 and adds a drum dolly, an upgrade to 10 feet of 1.5" antistatic hose, spill recovery kit, extension wand, round dust brush, 24" and 11" crevice tools, 12" wide floor tool and tool holder. (drum not included)
6303	55 Gallon Premium HEPA EasySwitch Wet-Dry Vac System - same as Model 6203 and adds a 55 gallon drum.

Accessories

Model #	Description	Model #	Description
902100	Standard Filter for EasySwitch Vac	902032	Replacement EasySwitch Vacuum Unit Gasket
902200	HEPA Filter	902184	Replacement Filter Port Gasket
902146	Pre-Filter for EasySwitch Vac	901176	Magnetic Tool Holder
902176	Replacement Muffler Material	902187	Latch Repair Kit
902031	Replacement Drum Lid Gasket	902190	Replacement E-Clip for Hinge

An INTELLIGENT COMPRESSED AIR® Product

Reversible Drum Vac™



EXAIR's Mini Reversible Drum Vac allows for quick and easy clean up of small messes.

Pump 55 gallons in 90 seconds! Two-way pumping action!

What Is The Reversible Drum Vac?

A safe, maintenance free way to recover:

- Coolant
- Hydraulic oils
- Liquid spills
- Sludge and chips
- Tramp oil
- Waste water

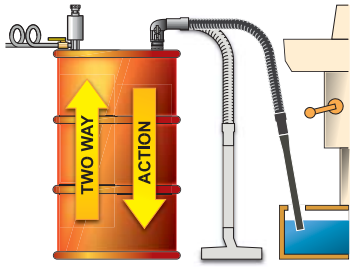
Why The Reversible Drum Vac?

EXAIR's compressed air operated Reversible Drum Vac System attaches quickly to any closed head 30, 55 or 110 gallon drum. Its high powered vacuum fills a 55 gallon drum in less than two minutes. With the simple turn of a knob, the same stainless steel pump quickly empties the drum. Coolant sumps can be easily refilled, floor spills vacuumed, or contaminated liquids transferred to filtration tanks in minutes. The flow rate in and out of the drum can be controlled with the knob, making it ideal for dispensing liquids.



EXAIR's Mini Reversible Drum Vac System delivers the same two-way action for small jobs. It comes complete with a 5 gallon drum and all the tools.

Electrically operated "all purpose" vacuums aren't designed for use in industrial environments. As a result, motors wear out quickly and impellers clog. The Reversible Drum Vac does not use electricity and has no moving parts, assuring maintenance free operation. An automatic safety shutoff valve prevents spills or overfilling.





Model 6901 Spill Recovery Kit used with the Mini Reversible Drum Vac provides fast cleanup of messy spills.



Reversible Drum Vacs are designed to fit the 3/4 NPT bung of any closed top drum. This Model 6196-30 30 gallon system empties the coolant sump of a CNC.

Applications

- Coolant sumps
- Food processing
- Lathes
- Floor cleanup
- EDM machines
- Pits
- Screw machines
- Machining centers
- Tanks

Advantages

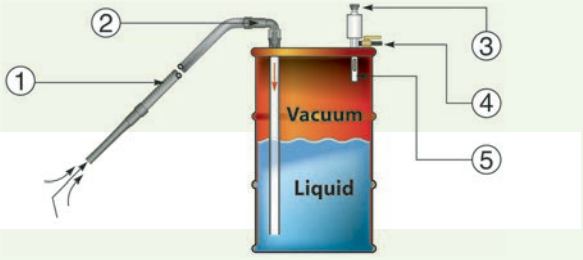
- No moving parts
- Maintenance free
- Stainless steel construction
- Safe – no electricity
- Built-in pressure/vacuum relief
- Compact and portable
- Installs quickly
- Spill free – auto safety shutoff
- Fits standard closed head drums

Built to Last 5 yr. WARRANTY

See our Terms & Conditions

Reversible Drum Vac

How The Reversible Drum Vac Works



The flex hose (1) is attached to the barbed connection (2) on the Reversible Drum Vac system. The knob (3) on the Reversible Drum Vac pump is set to the "fill" position. The air supply valve (4) is opened to permit compressed air at 80-100 PSIG (5.5 - 6.9 BAR) to flow through the Reversible Drum Vac pump which pulls liquid through the flex hose and into the drum. When all liquid is in the drum, the air supply is turned off. If liquid exceeds the drum capacity, the safety shut-off valve (5) will prevent overfilling. The liquid can then be pumped back out of the flex hose (1) by setting the knob (3) on the Reversible Drum Vac pump to the "empty" position and opening the air supply valve.

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

Reversible Drum Vac System Specifications

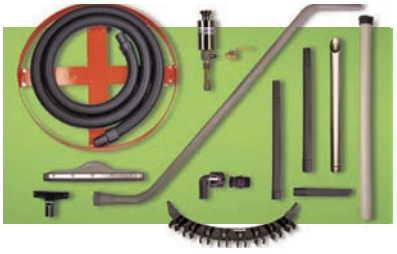
Pressure Supply 80 PSIG (5.5 BAR)	Air Consumption		Lift		Water Flow Rate		Sound Level
DESCRIPTION	SCFM	SLPM	"H_2O	mm Hg	GPM	LPM	86 dBA
REVERSIBLE DRUM VAC	19	538	96	179	30	114	



The Model 6196, Model 6196-30 and Model 6196-110 Reversible Drum Vac Systems include a vacuum hose and an aluminum wand.



Model 6196-5 Mini Reversible Drum Vac System includes a 5 gallon drum w/lid, ABS spill recovery kit, vacuum hose and all tools.



Model 6296 and Model 6296-30 Deluxe Reversible Drum Vac Systems include a drum dolly, ABS spill recovery kit, vacuum hose, tool holder and all tools.



Premium Reversible Drum Vac Systems include the drum, drum dolly, an upgrade to heavy duty aluminum tools, ABS spill recovery kit, tool holder and air hose.

Reversible Drum Vac Systems	
Model #	**Description**
6196	55 Gallon Reversible Drum Vac System includes two-way pump assembly (1/4 NPT), shutoff valve, 10' (3m) flexible vacuum hose (1-1/2"/38mm I.D.) with 90° quick release elbow connection, (1) aluminum wand (drum not included).
6196-30	30 Gallon Reversible Drum Vac System - same as Model 6196 except fits a 30 gallon drum (drum not included).
6196-110	110 Gallon Reversible Drum Vac System - same as Model 6196 except fits a 110 gallon drum (drum not included).
6196-5	5 Gallon Mini Reversible Drum Vac System includes two-way pump assembly (1/4 NPT), shutoff valve, 5 gallon container with lid and lock ring, 10' (3m) flexible vacuum hose (1-1/2"/38mm I.D.) with 90° quick release elbow connection, aluminum wand, ABS spill recovery kit, (2) extension wands, crevice tool and skimmer tool.
6296	55 Gallon Deluxe Reversible Drum Vac System - same as Model 6196 and adds drum dolly, ABS spill recovery kit, (2) extension wands, crevice tool, skimmer tool and tool holder (drum not included).
6296-30	30 Gallon Deluxe Reversible Drum Vac System - same as Model 6296 except fits 30 gallon drum (drum not included).
6296-5	5 Gallon Deluxe Mini Reversible Drum Vac System - same as Model 6196-5 and adds drum dolly.
6396	55 Gallon Premium Reversible Drum Vac System - same as Model 6196 and adds the 55 gallon drum with lock ring and lid, drum dolly, ABS spill recovery kit, 11" (279mm) and 24" (610mm) aluminum crevice tools, skimmer tool, tool holder and 20' (6.1m) air hose.
6396-30	30 Gallon Premium Reversible Drum Vac System - same as Model 6396 except includes a 30 gallon drum.
6396-110	110 Gallon Premium Reversible Drum Vac System - same as Model 6396 except includes a 110 gallon drum.
6091	Reversible Drum Vac Only - included in all systems listed above.

Accessories			
Model #	**Description**	**Model #**	**Description**
9001	Auto Drain Filter Separator, 3/8 NPT, 65 SCFM (1,841 SLPM)	901071	Heavy Duty Aluminum Tools plus Tool Holder
9005	Oil Removal Filter, 3/8 NPT, 15-37 SCFM (425-1,048 SLPM)	9041-5	5 Gallon Drum Dolly
901067-5	5 Gallon Drum with lock ring and lid	9041-30	30 Gallon Drum Dolly
901067-30	30 Gallon Drum with lock ring and lid	9041	55 Gallon Drum Dolly
901067	55 Gallon Drum with lock ring and lid	9041-110	110 Gallon Drum Dolly
901067-110	110 Gallon Drum with lock ring and lid	6901	Spill Recovery Kit includes a one-piece 54" (1372mm) ABS wand and 14" (356mm) double blade squeegee tool.
6569-20	20' (6.1m) Flexible Vacuum Hose (1-1/2"/38mm I.D.)	901176	Magnetic Tool Holder

An INTELLIGENT COMPRESSED AIR® Product

High Lift Reversible Drum Vac™

Two-way pump provides maximum lift (up to 15 feet)!

Move thick liquids (up to 1400 cP) through 20' of hose!



What Is The High Lift Reversible Drum Vac?

A safe, powerful, and maintenance free way to recover:

- Coolant
- Hydraulic oils
- Liquid spills
- Sludge and chips
- Tramp oil
- Waste water

Why The High Lift Reversible Drum Vac?

EXAIR's compressed air operated High Lift Reversible Drum Vac System attaches quickly to any closed head 30, 55 or 110 gallon drum. Its high powered vacuum is able to lift liquids up to 15 feet and fill a 55 gallon drum in less than 85 seconds. With the simple turn of a knob, the same stainless steel pump quickly empties the drum. The High Lift Reversible Drum Vac has the extra power you need to move liquids from below grade work areas, sumps or tanks up to 15 feet deep!

Like all of EXAIR's industrial vacuums, the High Lift Reversible Drum Vac uses no electricity and has no moving parts which assures maintenance free operation. It is designed for continuous and heavy duty applications where electric vacuums fail due to motor wear or clogged impellers. This vacuum efficiently and safely uses the compressed air in your facility. An automatic safety shutoff valve prevents overfilling.



Applications

- Below grade coolant sumps
- Deep wells
- Underground storage tanks
- Pits
- Drains
- Deep hole broaching
- Bulk storage tanks
- Cisterns

Advantages

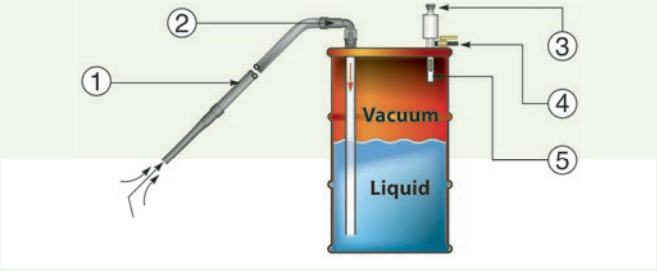
- No moving parts
- Maintenance free
- Stainless steel construction
- Safe – no electricity
- Built-in pressure/vacuum relief
- Compact and portable
- Installs quickly
- Spill free – auto safety shutoff
- Fits standard closed head drums

If you need assistance choosing the right High Lift Reversible Drum Vac System, please contact an Application Engineer to discuss your application.

EXAIR
11510 Goldcoast Drive • Cincinnati, OH 45249-1621 • Phone (513) 671-3322
FAX (513) 671-3363 • E-mail: techelp@exair.com • www.exair.com

High Lift Reversible Drum Vac

How The High Lift Reversible Drum Vac Works



The flex hose (1) is attached to the barbed connection (2) on the Reversible Drum Vac system. The knob (3) on the High Lift Reversible Drum Vac pump is set to the "fill" position. The air supply valve (4) is opened to permit compressed air at 80-100 PSIG (5.5 - 6.9 BAR) to flow through the High Lift Reversible Drum Vac pump which pulls liquid through the flex hose and into the drum. When all liquid is in the drum, the air supply is turned off. If liquid exceeds the drum capacity, the safety shut-off valve (5) will prevent overfilling. The liquid can then be pumped back out of the flex hose (1) by setting the knob (3) on the High Lift Reversible Drum Vac pump to the "empty" position and opening the air supply valve.

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



Model 6195, Model 6195-30 and Model 6195-110 High Lift Reversible Drum Vac Systems include a vacuum hose and an aluminum wand.



Model 6295 and Model 6295-30 Deluxe High Lift Reversible Drum Vac Systems include a drum dolly, ABS spill recovery kit, vacuum hose, tool holder and all tools.



Premium High Lift Reversible Drum Vac Systems include the drum, drum dolly, an upgrade to heavy duty aluminum tools, ABS spill recovery kit, tool holder and air hose.

High Lift Reversible Drum Vac System Specifications

Pressure Supply 80 PSIG (5.5 BAR)	Air Consumption		Lift		Water Flow Rate		Sound Level
DESCRIPTION	SCFM	SLPM	"H_2O	mm Hg	GPM	LPM	83 dBA
HIGH LIFT REVERSIBLE DRUM VAC	43	1,218	180	336	30	114	



Deluxe and Premium High Lift Drum Vac Systems include a drum dolly.

High Lift Reversible Drum Vac Systems	
Model #	**Description**
6195	55 Gallon High Lift Reversible Drum Vac System includes two-way pump assembly (1/4 NPT), shutoff valve, 20' (6.1m) flexible vacuum hose (1-1/2"/38mm I.D.) with 90° quick release elbow connection, (1) aluminum wand (drum not included).
6195-30	30 Gallon High Lift Reversible Drum Vac System - same as Model 6195 except fits a 30 gallon drum (drum not included).
6195-110	110 Gallon High Lift Reversible Drum Vac System - same as Model 6195 except fits a 110 gallon drum (drum not included).
TOP PICK 6295	55 Gallon Deluxe High Lift Reversible Drum Vac System - same as Model 6195 and adds drum dolly, ABS spill recovery kit, (2) extension wands, crevice tool, skimmer tool and tool holder (drum not included).
6295-30	30 Gallon Deluxe High Lift Reversible Drum Vac System - same as Model 6295 except fits 30 gallon drum (drum not included).
6395	55 Gallon Premium High Lift Reversible Drum Vac System - same as Model 6195 and adds the 55 gallon drum with lock ring and lid, drum dolly, ABS spill recovery kit, 11" (279mm) and 24" (610mm) aluminum crevice tools, skimmer tool, tool holder and 20' (6.1m) air hose.
6395-30	30 Gallon Premium High Lift Reversible Drum Vac System - same as Model 6395 except includes a 30 gallon drum.
6395-110	110 Gallon Premium High Lift Reversible Drum Vac System - same as Model 6395 except includes a 110 gallon drum.
6095	High Lift Reversible Drum Vac Only - included in all systems listed above.

Accessories			
Model #	**Description**	**Model #**	**Description**
9001	Auto Drain Filter Separator, 3/8 NPT, 65 SCFM (1,841 SLPM)	901071	Heavy Duty Aluminum Tools plus Tool Holder
9006	Oil Removal Filter, 3/4 NPT, 50-150 SCFM (1,416-4,248 SLPM)	9041-30	30 Gallon Drum Dolly
901067-30	30 Gallon Drum with lock ring and lid	9041	55 Gallon Drum Dolly
901067	55 Gallon Drum with lock ring and lid	9041-110	110 Gallon Drum Dolly
901067-110	110 Gallon Drum with lock ring and lid	6901	Spill Recovery Kit includes a one-piece 54" (1372mm) ABS wand and 14" (356mm) double blade squeegee tool.
6569-20	20' (6.1m) Flexible Vacuum Hose (1-1/2"/38mm I.D.)	901176	Magnetic Tool Holder

Chip Trapper™

Filter the chips out of your used coolant and cutting oils!

Vacuums in the liquid with solids, pumps out only the liquid!



What Is The Chip Trapper?

The patented* Chip Trapper offers a fast, easy way to clean chips, swarf and shavings out of used coolants and other liquids. The Chip Trapper vacuums the coolant or liquid that is filled with debris and traps all the solids in a reusable filter bag. Only the liquid pumps back out. It is ideal for use on machines with sumps, parts washers, tanks and storage containers of contaminated liquids.

The Chip Trapper uses EXAIR's compressed air powered Reversible Drum Vac (included) that can fill or empty a 55 gallon drum in less than two minutes. Simply set the Reversible Drum Vac pump and directional flow control valve on top of the drum to "fill" for it to quickly vacuum the liquid with solids. Once the sump, pit or tank is empty, set the pump and directional valve to "empty" for it to pump out clean coolant/liquid. All the chips and other solids are trapped inside the reusable filter bag of the Chip Trapper.





The Chip Trapper vacuums dirty coolant and chips into the drum.

Why The Chip Trapper?

A sudden lack of coolant flow in a machining operation will likely damage the part and expensive tooling. Machine tools commonly discharge some chips and shavings into the coolant sump. As the chips accumulate and mound up, the coolant flow used to flood the part and tooling becomes restricted. Some high pressure coolant systems sound an audible alarm and abruptly shut down the machine when low coolant flow occurs. This results in downtime to fix the problem and clear the alarm. That isn't the case with standard machines where immediate damage can occur if the operator fails to spot the lack of coolant. Regular cleaning of the coolant sump with the Chip Trapper can quickly eliminate this very costly problem.



The Chip Trapper pumps the coolant back into the sump – free of chips and debris.

Applications

- CNC's
- Lathes
- Saws
- Mills
- Drills
- Parts washers
- Pits
- Tanks
- Containers
- Grinders

Advantages

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

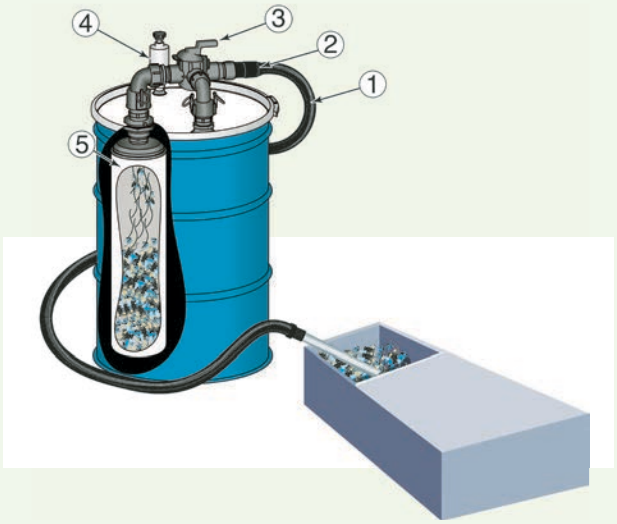


Chip Trapper filters out solids from parts washer fluids.

*Patent #8153001 and #8268179

Chip Trapper

How The Chip Trapper Works



The vacuum hose (1) is attached to the barbed connection of the Chip Trapper (2). The directional flow control valve on top of the drum (3) and knob on the pump (4) 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 (5). When all liquid is in the drum, the air supply is automatically turned off. The filtered liquid can then be pumped out by setting the directional flow control valve on top of the drum and the 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 with any material with a low flash point or with flammable liquids such as fuel oil, alcohol, mineral spirits, gasoline or kerosene.**

Chip Trapper System Specifications

Pressure Supply 80 PSIG (5.5 BAR)	Air Consumption		Water Flow Rate		Sound Level
DESCRIPTION	SCFM	SLPM	GPM	LPM	86 dBA
CHIP TRAPPER	19	538	30	114	

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

Built To Last

The stainless steel pump has no motors or impellers to clog or wear out and there is no electricity or shock hazard! Safe operation is assured with a built-in pressure/vacuum relief and an automatic safety shutoff valve that prevents spills or overfilling.



The Chip Trapper includes the pump assembly with directional flow valve, a 30, 55 or 110 gallon drum, 10' (3m) chemical resistant hose, 20' (6.1m) compressed air hose, aluminum chip wand, (2) reusable 5 micron filter bags and drum dolly.

Order Direct
We Ship From Stock

Industrial Housekeeping

Chip Trapper Systems	
Model #	**Description**
6198	55 Gallon Chip Trapper System includes the Reversible Drum Vac pump assembly, directional flow valve, 55 gallon drum, lever lock drum lid, shutoff valve, 10' (3m) flexible vacuum hose (1-1/2"/38mm I.D.), 20' (6.1m) compressed air hose, chip wand, (2) filter bags and drum dolly.
6198-30	30 Gallon Chip Trapper System - same as Model 6198 except includes a 30 gallon drum
6198-110	110 Gallon Chip Trapper - same as Model 6198 except includes a 110 gallon drum.
6091	Reversible Drum Vac Only - included in all systems listed above.

Accessories			
Model #	**Description**	**Model #**	**Description**
901060-1	Replacement Filter Bag, 1 micron	901060-200	Replacement Filter Bag, 200 micron
901060	Replacement Filter Bag, 5 micron	901060-SP	Filter Bag Sample Pack- Includes one each 1, 25, 50, 100 & 200 micron bags
901060-25	Replacement Filter Bag, 25 micron	6901	Spill Recovery Kit includes a one-piece 54" (1372mm) ABS wand and 14" (356mm) double blade squeegee tool
901060-50	Replacement Filter Bag, 50 micron		
901060-100	Replacement Filter Bag, 100 micron	9001	Auto Drain Filter Separator, 3/8 NPT, 65 SCFM (1,841 SLPM)

High Lift Chip Trapper™

Filter chips and solids out of used coolant and liquids from below grade sumps or elevated tanks!

Vacuum in liquid with solids and pump out only the liquid, with 15 feet of lift!



What Is The High Lift Chip Trapper?

The patented* High Lift Chip Trapper offers a fast, easy way to clean chips, swarf and shavings out of used coolants and other liquids. The High Lift Chip Trapper vacuums the coolant or liquid that is filled with debris and traps all the solids in a reusable filter bag. Only the liquid pumps back out. It is ideal for use on pits, wells, below grade sumps, tanks and storage containers of contaminated liquids.

Why The High Lift Chip Trapper?

EXAIR's compressed air operated High Lift Chip Trapper System attaches quickly to the included 30, 55 or 110 gallon drum lid. Its high powered vacuum is able to lift liquids up to 15 feet or pump liquids from as far as 20 feet and fill a 55 gallon drum in less than 85 seconds. With the simple turn of a knob, the same stainless steel pump quickly empties the drum. The High Lift Chip Trapper has the extra power you need to move liquids from below grade work areas, sumps or tanks.

Wells, pits, below grade or elevated tanks can accumulate debris. This debris can cause problems when the liquid is transferred into a machine or process. Waste oil for heating or recycled lubricants which are suitable for dirtier jobs can be used without worry of solids damaging equipment. The heavy duty power of the High Lift Chip Trapper is capable of moving high viscosity liquids up to 1400 centipoise.



Pump Farther
Pump Higher
Pump Thicker
Liquids

Applications

- Below grade coolant sumps
- Deep wells
- Underground storage tanks
- Pits
- Drains
- Deep hole broaching
- Bulk storage tanks
- Cisterns

Advantages

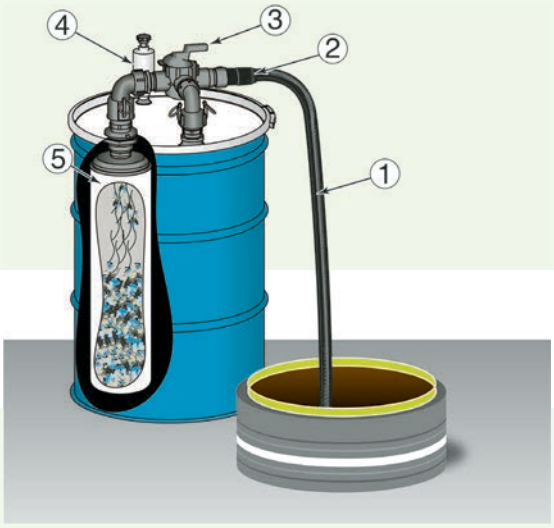
- Removes unwanted solids from liquid
- Recycles coolants
- No moving parts
- No motors to clog or wear out
- Self priming stainless steel pump
- Safe - no electricity
- Built-in pressure/vacuum relief
- Spill free – auto safety shutoff
- Quiet

If you need assistance choosing the right High Lift Chip Trapper System, please contact an Application Engineer to discuss your application.

*Patent #8153001 and #8268179

High Lift Chip Trapper

How The High Lift Chip Trapper Works



The vacuum hose (1) is attached to the barbed connection of the High Lift Chip Trapper (2). The directional flow control valve on top of the drum (3) and knob on the pump (4) 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 (5). 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 the 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 with any material with a low flash point or with flammable liquids such as fuel oil, alcohol, mineral spirits, gasoline or kerosene.

High Lift Chip Trapper System Specifications

Pressure Supply 80 PSIG (5.5 BAR)	Air Consumption		Lift		Water Flow Rate		Sound Level
DESCRIPTION	SCFM	SLPM	"H_2O	mm Hg	GPM	LPM	83 dBA
HIGH LIFT CHIP TRAPPER	43	1,218	180	336	30	114	

Built To Last

The stainless steel pump has no motors or impellers to clog or wear out and there is no electricity or shock hazard! Safe operation is assured with a built-in pressure/vacuum relief and an automatic safety shutoff valve that prevents spills or overfilling.



See page 4 for complete details.



The High Lift Chip Trapper includes the pump assembly with directional flow valve, a 30, 55 or 110 gallon drum, 20' (6.1m) chemical resistant hose, 20' (6.1m) compressed air hose, aluminum chip wand, (2) reusable 5 micron filter bags and drum dolly.



The 5 micron filter bag traps all the chips so no solids get pumped back out of the drum.

High Lift Chip Trapper Systems	
Model #	Description
6190	55 Gallon High Lift Chip Trapper System includes the High Lift Reversible Drum Vac pump assembly, directional flow valve, 55 gallon drum, lever lock drum lid, shutoff valve, 20' (6.1m) flexible vacuum hose (1-1/2"/38mm I.D.), 20' (6.1m) compressed air hose, chip wand, (2) filter bags and drum dolly.
6190-30	30 Gallon High Lift Chip Trapper System - same as Model 6190 except includes a 30 gallon drum.
6190-110	110 Gallon High Lift Chip Trapper - same as Model 6190 except includes a 110 gallon drum.
6095	High Lift Reversible Drum Vac Only- Included in all systems listed above.

Accessories			
Model #	Description	Model #	Description
901060-1	Replacement Filter Bag, 1 micron	901060-200	Replacement Filter Bag, 200 micron
901060	Replacement Filter Bag, 5 micron	901060-SP	Filter Bag Sample Pack- Includes one each 1, 25, 50, 100 & 200 micron bags
901060-25	Replacement Filter Bag, 25 micron	6901	Spill Recovery Kit includes a one-piece 54" (1372mm) ABS wand and 14" (356mm) double blade squeegee tool
901060-50	Replacement Filter Bag, 50 micron		
901060-100	Replacement Filter Bag, 100 micron	9001	Auto Drain Filter Separator, 3/8 NPT, 65 SCFM (1,841 SLPM)

For Technical Assistance, Call an EXAIR Application Engineer 1-800-903-9247
Toll Free FAX (866) 329-3924 • E-mail: techelp@exair.com • www.exair.com

Chip Vac™

Vacuums chips directly into an open-top drum with no moving parts!



What Is The Chip Vac?



EXAIR's Chip Vac picks up dry or wet chips and delivers them directly to an ordinary open-top drum. The Chip Vac is used to clean chips from fixtures, floors and work surfaces of machining centers, lathes, saws, mills and other industrial equipment. The powerful suction is ideal for fast and efficient cleaning.

EXAIR's Mini Chip Vac System delivers the same cleaning power for small jobs. It comes complete with a 5 gallon drum and all the tools.

Why The Chip Vac?

The compressed air operated Chip Vac is an industrial duty vacuum designed specifically for vacuuming chips. It creates a powerful direct flow action that vacuums metal, wood or plastic chips into an ordinary drum. Designed for occasional use with dusty materials, the included filter bag keeps the surrounding air clean.

Electrically operated "all purpose" vacuums aren't designed for use in industrial environments. As a result, motors wear out quickly and impellers clog. The Chip Vac has no moving parts to wear out or break which ensures long life. Sound level is half that of electric vacs.

The Chip Vac Systems include a drum lid with a locking ring that fits an open top drum. In less than a minute, the Chip Vac can be removed and easily placed onto another drum to keep different materials separate for recycling. Constant heavy lifting and dumping of the vacuum cleaner tanks is eliminated since all chips are vacuumed directly into the drum.



The Chip Vac removes abrasive stainless steel chips from a CNC.



110 Gallon Chip Vac offers maximum capacity cleanup on a large machining operation.



The Mini Chip Vac allows for easy clean up of small messes.

Applications

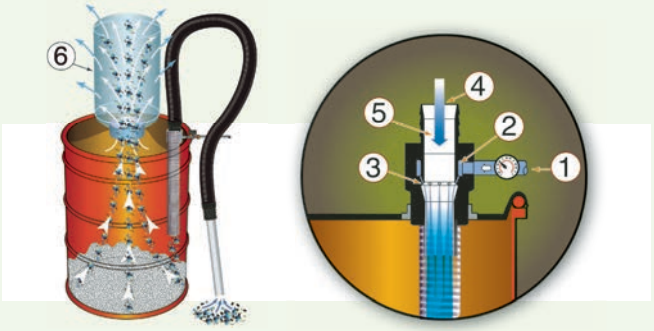
- CNC's
- Lathes
- Saws
- Mills
- Drills
- Grinders
- Routers
- Molding machines
- Absorbent pick-up

Advantages

- No moving parts
- Low cost
- No motors to clog or wear out
- No electricity
- Chips go directly into a drum
- Powerful direct flow action
- Includes accessories
- 50% quieter than electric vacs

Chip Vac

How The Chip 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).

Warning: Do not use with combustible dust.

The Chip Vac System 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.



Deluxe and Premium Chip Vac Systems include a drum dolly.

Chip Vac System Specifications

Size	Pressure Supply		Air Consumption		INLET	Sound Level
	PSIG	BAR	SCFM	SLPM		
110, 55 & 30 Gallon	80	5.5	40	1,132	3/8 NPT	77 dBA
5 Gallon	80	5.5	33	934	3/8 NPT	

Air consumption has been minimized by using the appropriate amount of air required for vacuuming chips.



The Model 6193 Chip Vac System includes a vacuum hose, chip wand and plastic tools.



The Model 6193-5 Mini Chip Vac System includes a vacuum hose, 5 gallon drum, chip wand and plastic tools.



Premium Chip Vac Systems include the drum, drum dolly, an upgrade to static resistant hose, heavy duty aluminum tools, tool holder, air hose and quick connects fittings. (Model 6393 shown.)

Industrial Housekeeping

TOP PICK

Chip Vac Systems	
Model #	**Description**
6193	55 Gallon Chip Vac System includes the Chip Vac, lever lock drum lid, shutoff valve, filter bag, 10' (3m) flexible vacuum hose (1-1/2"/38mm I.D.), chip wand, (2) extension wands, crevice tool, brush, skimmer tool (drum not included).
6193-30	30 Gallon Chip Vac System - same as Model 6193 except fits a 30 gallon drum (drum not included).
6193-5	5 Gallon Mini Chip Vac System - includes the Chip Vac (3/8 NPT), shutoff valve, filter bag, 5 gallon container with lid and lock ring, 10' (3m) flexible vacuum hose (1-1/2"/38mm I.D.), aluminum chip wand, (2) extension wands, crevice tool, brush, skimmer tool.
6293	55 Gallon Deluxe Chip Vac System - same as Model 6193 and adds drum dolly and tool holder (drum not included).
6293-30	30 Gallon Deluxe Chip Vac System - same as Model 6293 except fits 30 gallon drum (drum not included).
6293-5	5 Gallon Deluxe Chip Vac System - same as Model 6193-5 and adds drum dolly.
6393	55 Gallon Premium Chip Vac System - same as Model 6193 and adds a 55 gallon drum, drum dolly, an upgrade to static resistant hose, an upgrade to heavy duty aluminum tools, 20' (6.1m) air hose, tool holder and quick connects fittings.
6393-30	30 Gallon Premium Chip Vac System - same as Model 6393 except includes 30 gallon drum.
6393-110	110 Gallon Premium Chip Vac System - same as Model 6393 except includes a 110 gallon drum.
6093	Chip Vac Only - included in all 30 gallon through 110 gallon systems listed above.
6093-5	Mini Chip Vac Only - included with 6193-5 and 6293-5 5 gallon systems.

Accessories			
Model #	**Description**	**Model #**	**Description**
6804	Replacement Filter Bag	**9041-5**	5 Gallon Drum Dolly
901176	Magnetic Tool Holder	**9041-30**	30 Gallon Drum Dolly
901071	Heavy Duty Aluminum Tools plus Tool Holder	**9041**	55 Gallon Drum Dolly
6569-20	20' (6.1m) Flexible Vacuum Hose (1-1/2" / 38mm I.D.)	**9041-110**	110 Gallon Drum Dolly

For Technical Assistance, Call an EXAIR Application Engineer 1-800-903-9247
Toll Free FAX (866) 329-3924 • E-mail: techelp@exair.com • www.exair.com

Heavy Duty Dry Vac™

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.



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

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.

	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

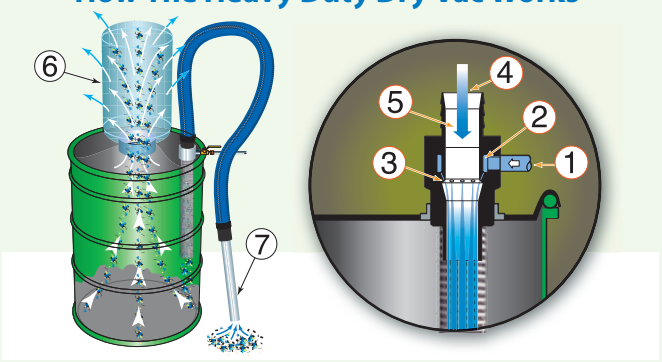
- Moves more material in less time
- Hardened construction resists wear
- No moving parts - maintenance free
- No motors to clog or wear out
- No electricity
- Continuous duty with high capacity
- Static resistant hose
- Quiet
- Powerful direct flow action
- Heavy duty accessories



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

Heavy Duty Dry Vac

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.

Warning: Do not use with combustible dust.

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.

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	1/2 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).
TOP PICK 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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An INTELLIGENT COMPRESSED AIR® Product

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.



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



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

Applications

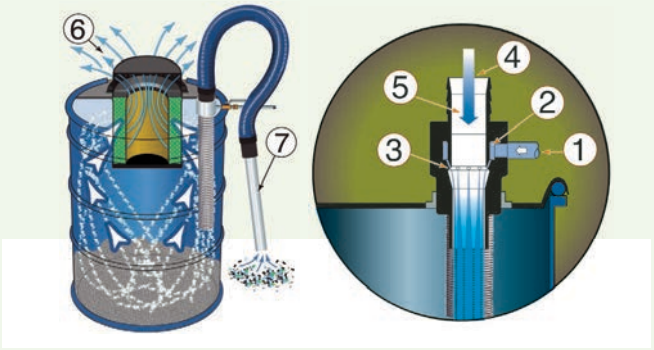
- Critical dust removal
- Clean up around grit and dust producing equipment
- Abrasive media
- Shop floors
- Drywall refinishing
- Industrial contaminants
- Mold and allergen removal
- Trapping dust and airborne irritants
- Eliminate exhaust debris

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

Heavy Duty HEPA Vac

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.

Warning: Do not use with combustible dust.

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.

Built to Last 5 yr. WARRANTY
See our Terms & Conditions

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

Vac-u-Gun™

Vacuum, blow and transfer with no moving parts!

Rugged die cast construction for industrial use!



What Is The Vac-u-Gun?



A low cost solution to a wide variety of industrial housekeeping problems. The Vac-u-Gun is a vacuum gun, a blow gun and a transfer tool all in one. Lightweight and easy to use, the Vac-u-Gun has durable die cast construction with no moving parts to wear out.

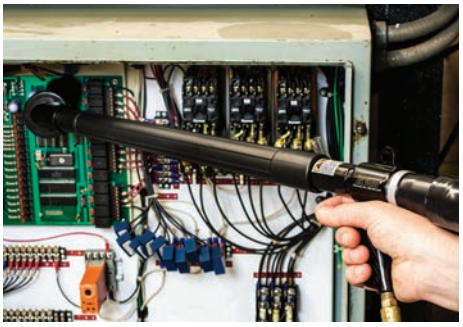
Why The Vac-u-Gun?

The Vac-u-Gun uses less compressed air than an ordinary blow gun. It injects a small amount of compressed air through directed nozzles to produce a vacuum on one end and a high output flow on the other. The amplified output flow is 12 times the air consumption rate.

The Vac-u-Gun offers a more efficient way to blowoff, cool, dry and clean. In vacuum mode, work surfaces can be easily cleaned by vacuuming the debris away instead of blowing it off the surface only to sweep it up later. In blow mode, more surface area can be cleared in less time compared to ordinary air guns. Transferring materials over long distance is also possible using the smooth bore vacuum hose. Three Vac-u-Gun Systems are available.



Model 6192 Vac-u-Gun Collection System vacuums absorbent and chips.



Model 6292 Vac-u-Gun Transfer System carries dust away from sensitive electronic controls.



Model 6392 Vac-u-Gun All Purpose System removes plastic shavings from a saw.

Applications

- Vacuum shavings
- Vacuum absorbent
- Vacuum sawdust
- Vacuum spills
- Transfer small parts
- Transfer pellets
- Transfer trim
- Blow chips
- Blow water
- Blow coolant
- Blow scrap

Advantages

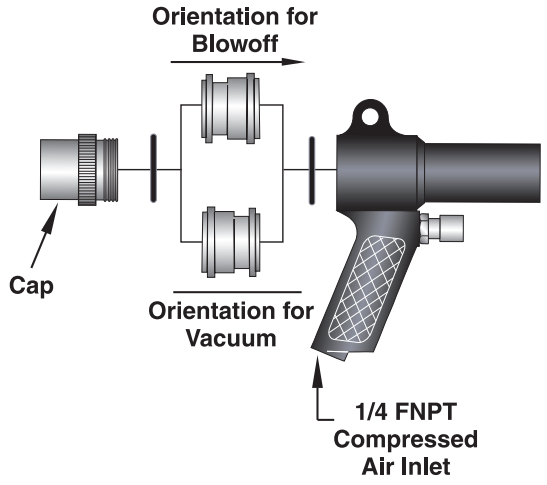
- Low cost
- No moving parts – maintenance free
- Durable – die cast construction
- Switch from vacuum to blow mode in seconds
- Safe – no electricity
- Meets OSHA pressure requirements
- Vacuum or blowoff
- Lightweight and portable
- Versatile
- Quiet

Vac-u-Gun

Vac-u-Gun Specifications

Pressure Supply		Air Consumption		Vacuum		Force			Sound Level
PSIG	BAR	SCFM	SLPM	"H_2O	kPa	Ozs	Grams	Inlet	84 dBA*
80	5.5	13	368	-29.5	-7	9	255	1/4 NPT	

* Tested in "vacuum" mode with bag attached.



Reverse the direction of the nozzle insert to change from vacuum to blowoff.

Versatile

In seconds, the Vac-u-Gun can be transformed from a powerful vacuum gun into an efficient blow gun or into a transfer tool for lightweight materials. Each Vac-u-Gun System comes complete with a set of attachments to suit numerous industrial applications.

Warning: Do not use with combustible dust.



In blow mode, the Vac-u-Gun consumes less air than ordinary blow guns.

Vac-u-Gun Systems



Model 6192 Collection System

includes Vac-u-Gun, reusable bag, brush, crevice tool, skimmer tool and (2) extension wands.



Model 6292 Transfer System

includes Vac-u-Gun, 10' (3m) vacuum hose, brush, crevice tool, skimmer tool and (2) extension wands.



Model 6392 All Purpose System

includes Vac-u-Gun, reusable bag, 10' (3m) vacuum hose, brush, crevice tool, skimmer tool and (2) extension wands.

Accessories	
Model #	Description
9001	Auto Drain Filter Separator, 3/8 NPT, 65 SCFM (1,841 SLPM)
9005	Oil Removal Filter, 3/8 NPT, 15-37 SCFM (425-1,048 SLPM)
6092	Vac-u-Gun Only - included with all systems shown above.

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