

Reversible Drum Vac™

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

What Is The Reversible Drum Vac?

A safe, maintenance free way to recover:

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

Why The Reversible Drum Vac?

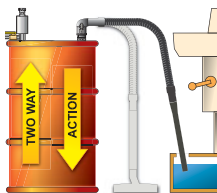


Watch the video!
www.exair.com/dvvideo.htm

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.



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



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



Premium Reversible Drum Vac provides on board tools and versatility for liquid cleanup and handling around the shop.

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

Reversible Drum Vac System Specifications

Pressure Supply 80 PSIG (5.5 BAR)	Air Consumption		Lift		Water Flow Rate		Sound Level
DESCRIPTION	SCFM	SLPM	"H ₂ O	mm Hg	GPM	LPM	86 dBA
REVERSIBLE DRUM VAC	19	538	96	179	30	114	

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.



Deluxe and Premium Drum Vac Systems include a drum dolly.



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, spill recovery kit, vacuum hose and all tools.



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

Reversible Drum Vac

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.
6196-110	110 Gallon Reversible Drum Vac System - same as Model 6196 except fits a 110 gallon drum.
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, 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, 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" and 24" 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
		901071	Heavy Duty Aluminum Tools plus Tool Holder
		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	Tool Holder



See page 2 for complete details.

Industrial Housekeeping

High Lift Reversible Drum Vac™

**Pump 55 gallons in 85 seconds
(up to 15 feet)!**

**Two-way pump
provides maximum lift!**

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!

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

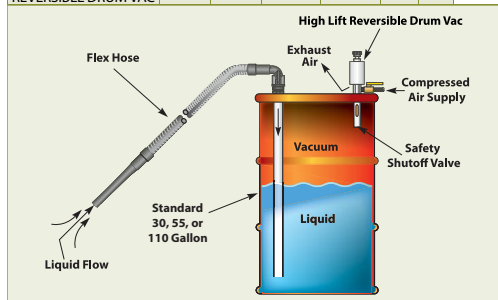
Advantages

- 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

High Lift Reversible Drum Vac

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 ₂ O	mm Hg	GPM	LPM	83 dBA
HIGH LIFT REVERSIBLE DRUM VAC	43	1,218	180	336	30	114	



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.



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



The 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, 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, spill recovery kit, tool holder and air hose.

Built to Last 5yr. WARRANTY

High Lift Reversible Drum Vac

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.
6195-110	110 Gallon High Lift Reversible Drum Vac System - same as Model 6195 except fits a 110 gallon drum.
6295	55 Gallon Deluxe High Lift Reversible Drum Vac System - same as Model 6195 and adds drum dolly, 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" and 24" 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
		901071	Heavy Duty Aluminum Tools plus Tool Holder
		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	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.



Chips can accumulate in the sump, restricting coolant flow.

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.



Chip Trapper filters out solids from parts washer fluids.

Applications

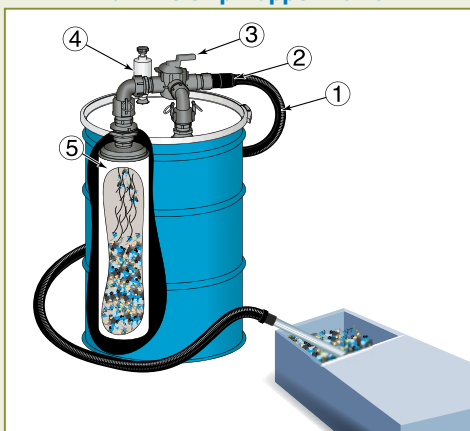
- CNC's
- Lathes
- Saws
- Mills
- Drills
- Parts washers
- Pits
- Tanks
- Containers
- Grinders

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

*Patent #8153001 and #8268179

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 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.

Chip Trapper Systems

Model #	Description
6198	55 Gallon Chip Trapper 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		