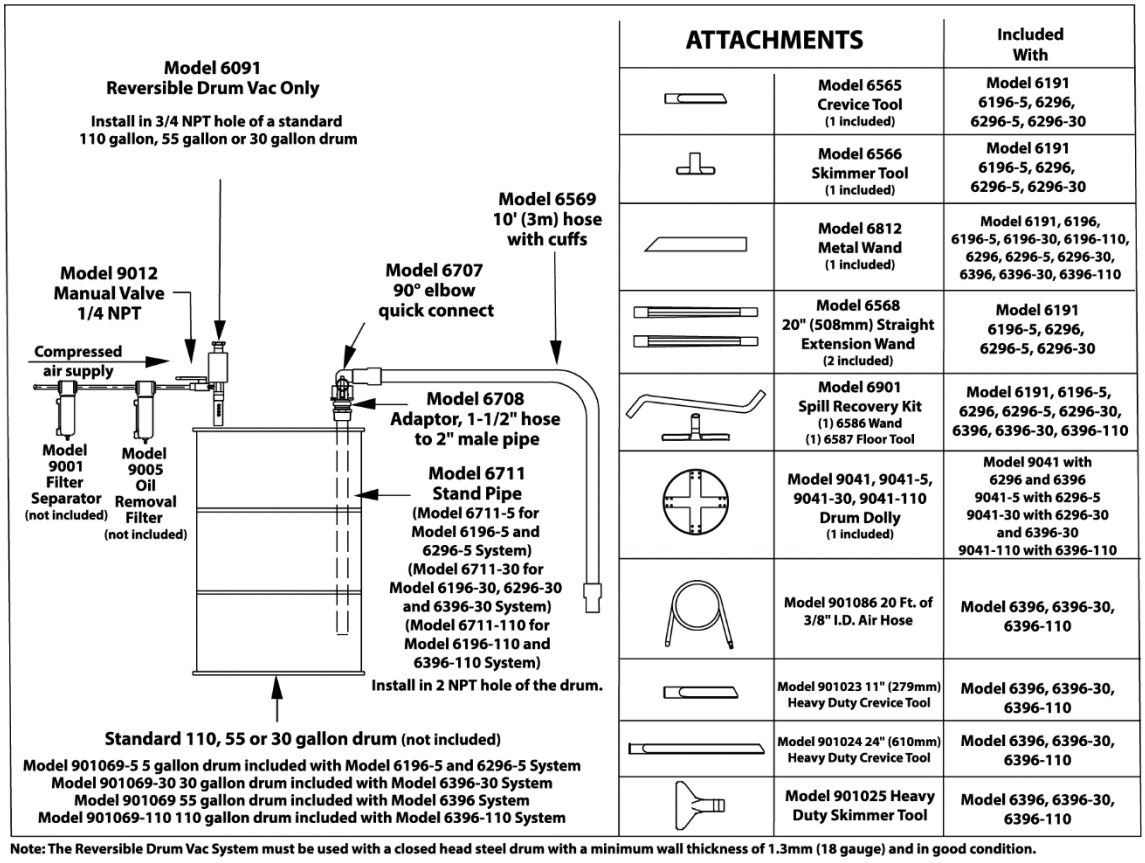
EXAIR® CE EXAIR TECHELP 1-800-903-9247

REVERSIBLE DRUM VAC INSTALLATION & MAINTENANCE



ATTACHMENTS		Included With
	Model 6565 Crevice Tool (1 included)	Model 6191 6196-5, 6296, 6296-5, 6296-30
	Model 6566 Skimmer Tool (1 included)	Model 6191 6196-5, 6296, 6296-5, 6296-30
	Model 6812 Metal Wand (1 included)	Model 6191, 6196, 6196-5, 6196-30, 6196-110, 6296, 6296-5, 6296-30, 6396, 6396-30, 6396-110
	Model 6568 20" (508mm) Straight Extension Wand (2 included)	Model 6191 6196-5, 6296, 6296-5, 6296-30
	Model 6901 Spill Recovery Kit (1) 6586 Wand (1) 6587 Floor Tool	Model 6191, 6196-5, 6296, 6296-5, 6296-30, 6396, 6396-30, 6396-110
	Model 9041, 9041-5, 9041-30, 9041-110 Drum Dolly (1 included)	Model 9041 with 6296 and 6396 9041-5 with 6296-5 9041-30 with 6296-30 and 6396-30 9041-110 with 6396-110
	Model 901086 20 Ft. of 3/8" I.D. Air Hose	Model 6396, 6396-30, 6396-110
	Model 901023 11" (279mm) Heavy Duty Crevice Tool	Model 6396, 6396-30, 6396-110
	Model 901024 24" (610mm) Heavy Duty Crevice Tool	Model 6396, 6396-30, 6396-110
	Model 901025 Heavy Duty Skimmer Tool	Model 6396, 6396-30, 6396-110

Note: The Reversible Drum Vac System must be used with a closed head steel drum with a minimum wall thickness of 1.3mm (18 gauge) and in good condition.

COMPRESSED AIR LINE SIZES

Compressed air lines should be sized to hold pressure drops to a minimum. When installing supply lines, use 1/4" pipe up to 25' (7.6m) long, 3/8" up to 50' (15.2m) long. Compressed air hose (not included) should be 3/8" I.D. up to 25' (7.6m). Do not use restrictive fittings such as quick connects that can "starve" the Reversible Drum Vac by causing excessive line pressure drop.

COMPRESSED AIR SUPPLY

The Reversible Drum Vac uses normal shop air supplies of up to 100 PSIG (6.9 BAR, 689 kPa). With proper filtration and separation of dirt, moisture and oil from the compressed air supply, the Reversible Drum Vac will run for years with no maintenance required. Maximum pressure is 120 PSIG (8.2 BAR, 0.82 MPa).

Use a 10 micron or smaller filter separator on the compressed air supply (Model 9001 Automatic Drain Filter Separator not included). To prevent problems associated with oil, use an oil removal filter (Model 9005 Oil Removal Filter, not included). The oil removal filter should be used downstream from the automatic drain filter separator. Filters should be used close to the Reversible Drum Vac, within 10 to 15' (3 to 4.6m) is best.

If air preparation units other than EXAIR models are being used, please note the following:

- PRESSURE REGULATORS – Must be pressure relieving and rated for a supply pressure of 250 PSIG (17.2 BAR, 1.72 MPa). Suggested operating pressure is 5-125 PSIG (0.3-8.6 BAR, 34-862 kPa). Flow should be minimum 24 SCFM (680 SLPM).
- AUTO DRAIN FILTER SEPARATORS – Must be rated for a supply pressure of 250 PSIG (17.2 BAR, 1.72 MPa) and have 5 micron filtration. Flow should be minimum 24 SCFM (680 SLPM).
- OIL REMOVAL FILTERS – Must be rated for a supply pressure of 250 PSIG (17.2 BAR, 1.72 MPa) and have 0.03 micron filtration. Flow should be minimum 24 SCFM (680 SLPM).

USING THE REVERSIBLE DRUM VAC

Use a drum that is in good condition and is free of contaminants (drum not included except with the Model 6196-5, 6296-5 and 6396 Systems). Connect the valve outlet to the compressed air inlet of the Reversible Drum Vac. For the Model 6196-5

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and 6296-5 Mini Reversible Drum Vac System, place the drum lid on the 5 gallon drum and secure in place with locking ring. The Reversible Drum Vac pump assembly mounts into the small 3/4 NPT threaded hole of the drum (see diagram above). Insert the white stand pipe suction tube into the 2 NPT threaded hole of the drum and secure by turning clockwise. Attach threaded elbow adapter to the suction tube (clockwise). Slide the vacuum hose onto the quick-release elbow fitting. Secure the quick-release elbow to the adapter (lever locks point upward when locked). Insert a tool that best suits the application at the other end of the vacuum hose.

Connect compressed air line (not included) from the filter to the 1/4 NPT shutoff valve. Secure all vacuum connections to prevent loss of suction.

Upon opening the shutoff valve, it is normal for the drum to make a “popping” sound as the Reversible Drum Vac begins to fill or empty the drum.

The high powered vacuum can fill the drum in less than 2 minutes. An automatic safety shutoff valve prevents spills or overfilling.

FLOOR SPILL APPLICATIONS

The Reversible Drum Vac includes a floor tool for spill pick-up. The Floor Tool Picks Up Liquid Only When It Is Pushed Away From The Operator. Systems using the Model 6901 Spill Recovery Kit work when pulled toward the operator.

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.

TROUBLESHOOTING & MAINTENANCE

Clean air is essential for proper operation of the Reversible Drum Vac. A 10 micron or smaller filter separator must be used on the compressed air supply in close proximity to the Reversible Drum Vac. If the filter element becomes clogged with dirt, or a filter with a larger micron rating is used and passes dirt into the pump, the airflow becomes restricted and the pump can cease to operate.

For replacement or repair filter and regulator parts, contact EXAIR at 1-800-903-9247 or techelp@exair.com. Call (513) 671-3322 for outside the US and Canada.

CLEANING

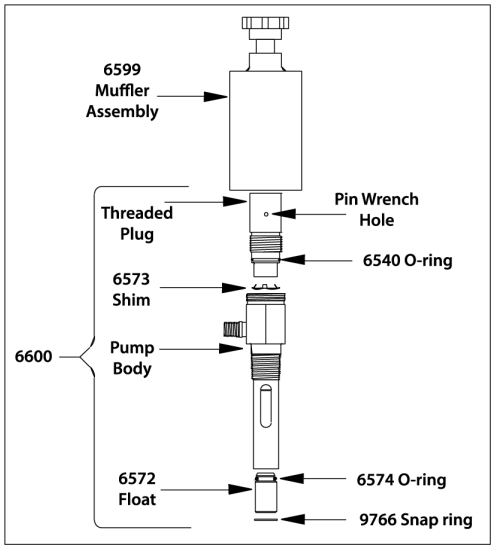
The safety shutoff valve that extends into the drum may require occasional cleaning. Immerse the Reversible Drum Vac assembly in a mild cleaning or degreasing solvent. After cleaning, be sure the float moves freely. Use an air gun to remove solution and contaminants.

If the Reversible Drum Vac becomes clogged, it can be disassembled for cleaning. Use a wrench to hold the hex body firm while turning the cylindrical muffler assembly counterclockwise with a strapping wrench. Once the muffler assembly is removed, mark the orientation of the plug and body so the unit can be reassembled correctly. Use a pin-style spanner wrench to unscrew the threaded plug. Carefully remove the shim and clean it, the O-ring and the pump body using a mild cleaning solvent. Be sure all components are dry before reassembling. Note the orientation of the shim as shown in the illustration below and reinstall the threaded plug. Be sure to thread the plug to the same orientation as it was before disassembly.

Always clean the vacuum hose and attachments after every use.

If routine cleaning does not solve your performance problems, please contact an EXAIR Application Engineer at:
Toll Free: 1-800-903-9247 (U.S. & Canada)
Telephone: 513 671-3322 outside of U.S. & Canada
Toll Free Fax: 866-329-3924 (U.S. & Canada)
FAX: 513 671-3363 outside of U.S. & Canada
E-mail: techelp@exair.com
Website: www.exair.com

For more information about this product, visit “Frequently Asked Questions” FAQ at EXAIR.com



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