



Innovative Cleaning Systems
www.tornadovac.com

EXTERNAL FILTER WET/DRY JUMBO AIR VACUUMS



SINGLE AIR JUMBO

DUAL AIR JUMBO

QUAD AIR JUMBO

Simultaneous bulk wet and dry recovery, powered by compressed air for maximum performance

Powered by compressed air, the External Filter Wet/Dry Jumbo Air Vacuums create waterlift substantially beyond that found in traditional wet/dry vacuums. The units are designed for industrial applications requiring extremely aggressive pick-up power. These machines' roles are primarily for rapid high-volume recovery of wet and dry debris. Available units are Single, Dual, and Quad Air Jumbos.

From the assembly line to the tool shop, these units handle such challenges as water, oil, solvent, and a variety of other common types of debris in an industrial environment.

Better yet, the units can recover wet and dry material without the need to stop and change or clean an internal filter. That means minimal stoppages and no more operator guesswork on choosing the right filter for the right application. It should be noted that an air compressor, airline, and line couplings are required for operation and are not available from Tornado.

For a Tornado jumbo vac system, the priority is power and capacity. Patented Venturi powerheads with incredible waterlift are fitted on a 55-gallon steel drum. The drum sits on a four-wheel steel dolly for easy transport. Large external filters and support rods come standard with the unit. A wide selection of optional tools and attachments (see back page) are available for a variety of applications.



95955 Single Air Jumbo External Filter Wet/Dry Vacuum
The unit comes packaged complete with drum, powerhead, filter, support rod, and dolly. This unit is appropriate for water, cutting oil, machine oil, solvent, and powder.

95962 Dual Air Jumbo External Filter Wet/Dry Vacuum
The unit includes drum, two powerheads, two filters, two support rods, and dolly. It is intended for recovery of heavy oil, paint stripper, sawdust, powder, sand, and general plant debris.

98451 Quad Air Jumbo External Filter Wet/Dry Vacuum
This model is packaged standard with drum, four powerheads, filters, support rods, and dolly. The Quad Air Jumbo is suitable for heavy oils and sludges as well as shot and slag. This is one of the most powerful portable vacuums available in the industry today. This unit is intended for large manufacturing facilities and heavy industrial plants that can handle the compressed air requirements necessary to run this unit.

EXTERNAL FILTER WET/DRY JUMBO AIR VACUUMS

Single Air Jumbo

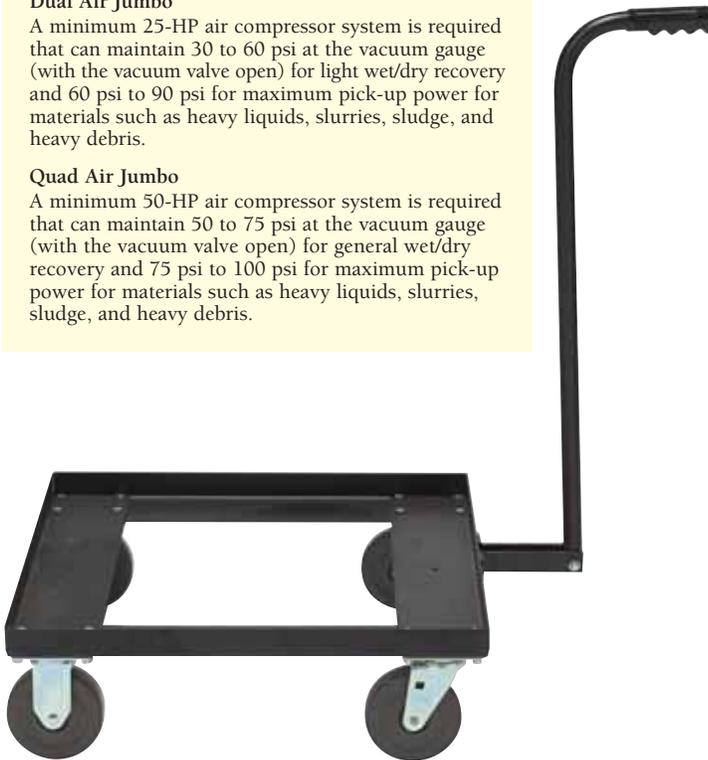
A minimum 15-HP air compressor system is required that can maintain 30 to 60 psi at the vacuum gauge (with the vacuum valve open) for light wet/dry recovery and 60 psi to 100 psi for maximum pick-up power for materials such as heavy liquids, slurries, sludge, and heavy debris.

Dual Air Jumbo

A minimum 25-HP air compressor system is required that can maintain 30 to 60 psi at the vacuum gauge (with the vacuum valve open) for light wet/dry recovery and 60 psi to 90 psi for maximum pick-up power for materials such as heavy liquids, slurries, sludge, and heavy debris.

Quad Air Jumbo

A minimum 50-HP air compressor system is required that can maintain 50 to 75 psi at the vacuum gauge (with the vacuum valve open) for general wet/dry recovery and 75 psi to 100 psi for maximum pick-up power for materials such as heavy liquids, slurries, sludge, and heavy debris.



Mobile

Despite its size and power, the unit is highly portable thanks to a four-wheeled steel dolly, included standard with all jumbo vac systems.



Operational requirements

The units come equipped with the fitting and in-line pressure gauge like that pictured here. Simply connect your airline to this fitting to ready the vacuum for operation. An air compressor, airline, and line couplings are required for operation.



Uncompromising power

The External Air Jumbos utilize Venturi powerheads that generate powerful waterlift. Liquid shut-off floats come standard with the quad vac, shown here. Floats can be ordered as an option on the Single and Dual.



Rugged

The 55-gallon ribbed, rolled-top drum is constructed of steel, ideal for heavy duty applications beyond the capability and capacity of traditional plastic or stainless steel tanks. An industrial drain valve is also included for convenient removal of liquid debris.

**SINGLE AIR JUMBO EXTERNAL FILTER
WET/DRY VACUUM APPLICATION GUIDE**

DEBRIS/MATERIAL	EXCELLENT PERFORMANCE	GOOD PERFORMANCE	RECOMMENDED AIR JET*
WATER	✓		3/16"
CUTTING OIL	✓		3/16"
MACHINE OIL	✓		7/32"
HEAVY OIL		✓	1/4"
SOLVENT	✓		3/16"
POWDER		✓	3/16"

* The unit is shipped standard with a 3/16" jet installed in the Venturi powerhead. A 7/32" and 1/4" jet is supplied in the unit and can be installed by the user. These larger jets are used to increase performance for the recovery of heavier materials although the smallest air jet possible to do the job is strongly recommended to conserve plant air.

**QUAD AIR JUMBO EXTERNAL FILTER
WET/DRY VACUUM APPLICATION GUIDE**

DEBRIS/MATERIAL	EXCELLENT PERFORMANCE	GOOD PERFORMANCE	RECOMMENDED AIR JET*
HEAVY OILS	✓		7/32"
SLUDGE	✓		1/4"
IRON DUST AND CHIPS	✓		1/4"
SAND BLASTING RECOVERY	✓		1/4"
PELLET RECOVERY	✓		3/16"
SHOT BLAST	✓		1/4"
SLAG AND SCALE	✓		1/4"

* The unit is shipped standard with a 1/4" jet installed in the Venturi powerhead. A 3/16" and 7/32" jet is supplied in the unit and can be installed by the user. These larger jets are used to increase performance for the recovery of heavier materials although the smallest air jet possible to do the job is strongly recommended to conserve plant air.

**DUAL AIR JUMBO EXTERNAL FILTER
WET/DRY VACUUM APPLICATION GUIDE**

DEBRIS/MATERIAL	EXCELLENT PERFORMANCE	GOOD PERFORMANCE	RECOMMENDED AIR JET*
MACHINE OIL	✓		3/16"
HEAVY OIL	✓		7/32"
PAINT STRIPPER	✓		1/4"
GENERAL DEBRIS	✓		3/16"
SAWDUST	✓		3/16"
POWDER	✓		3/16"
SAND	✓		7/32"
METAL GRINDINGS AND CHIPS		✓	7/32"

* The unit is shipped standard with a 3/16" jet installed in the Venturi powerhead. A 7/32" and 1/4" jet is supplied in the unit and can be installed by the user. These larger jets are used to increase performance for the recovery of heavier materials although the smallest air jet possible to do the job is strongly recommended to conserve plant air.

PRODUCT SPECIFICATIONS

MODEL	CATALOG NUMBER	VENTURI POWERHEADS/CFM	WATERLIFT	STEEL TANK	VERTICAL LIFT/HORIZONTAL REACH	POLY EXTERNAL FILTERS	FILTER AREA
SINGLE AIR JUMBO VACUUM	95955	One/82	242"	55 Gal.	15'/30'	One	1874 sq. in.
DUAL AIR JUMBO VACUUM	95962	Two/160	239"	55 Gal.	25'/50'	Two	3748 sq. in.
QUAD AIR JUMBO VACUUM	98451	Four/258	200"	55 Gal.	50'/100'	Two	3748 sq. in.

STANDARD REPLACEMENT COMPONENT PARTS

MODEL	CATALOG NUMBER	55-GALLON DRUM	LARGE POLY FILTER	SUPPORT ROD	4-WHEEL DOLLY	ADAPTER
SINGLE AIR JUMBO VACUUM	95955	95942	90378 (1 Req.)	98049 (1)	98088	90331 (1.5")
DUAL AIR JUMBO VACUUM	95962	95942	90378 (2 Req.)	98049 (2)	98088	90332 (2")
QUAD AIR JUMBO VACUUM	98451	95942	90488 (2 Req.)	98049 (2)	98088	90332 (2")

REQUIRED FOR OPERATION (NOT available from Tornado)

MODEL	MINIMUM RECOMMENDED AIR COMPRESSOR	RECOMMENDED AIRLINE	RECOMMENDED LINE COUPLINGS	REQUIRED AIR LINE PSI FOR LIGHT DEBRIS	REQUIRED AIR LINE PSI FOR HEAVY DEBRIS
SINGLE AIR JUMBO VACUUM	15 HP	1/2" Diameter	Straight-Thru	30-60*	60-100*
DUAL AIR JUMBO VACUUM	25 HP	3/4" Diameter	Straight-Thru	30-60*	60-90*
QUAD AIR JUMBO VACUUM	50 HP	1" Diameter	Straight-Thru	50-75*	75-100*

* Measured at the vacuum air line gauge with valve open and unit operating.

OPTIONAL ITEMS AND ACCESSORIES

90637 includes the below items.									
MODEL	CATALOG NUMBER	LIQUID SHUT-OFF FLOAT	1.5" WET/DRY ATTACHMENT SET	15' X 1.5" URETHANE STATIC CONDUCTIVE HOSE W/OUT SLEEVE	DOUBLE CURVED 1.5" WAND	14' X 1.5" SQUEEGEE TOOL	14' X 1.5" FLOOR TOOL	18' X 1.5" ROUND NOZZLE	1.5" HOSE ADAPTER
SINGLE AIR JUMBO VACUUM	95955	90569 (1 Req.)	90637*	90688	90286	90240	90242	90414	90331

* Other attachment sets are also available in the Tornado Buyers Guide.

OPTIONAL ITEMS AND ACCESSORIES

90633 includes the below items.									
MODEL	CATALOG NUMBER	LIQUID SHUT-OFF FLOAT	2" WET/DRY ATTACHMENT SET	10' X 2" POLY HOSE**	2" ALUMINUM WAND	2" X 12" FLOOR GULPER TOOL W/ BRASS SHOES	2" X 22" SQUEEGEE FLOOR TOOL	2" X 18" ROUND NOZZLE	2" JUMBO HOSE ADAPTER
DUAL AIR JUMBO VACUUM	95962	90569 (2 Req.)	90633*	90312	90327	90320	90317	90444	90332
QUAD AIR JUMBO VACUUM	98451	90569 (4 Inc.)	90633*	90312	90327	90320	90317	90444	90332

* Other attachment sets are also available in the Tornado Buyers Guide.

** Note: Poly hoses are not oil resistant. When recovering oils, an additional Neoprene hose, which is oil and abrasive resistant, should be purchased.

