

CONVEYVAC and CONVEYVAC STRONGMAN



The Air Research Technology Company

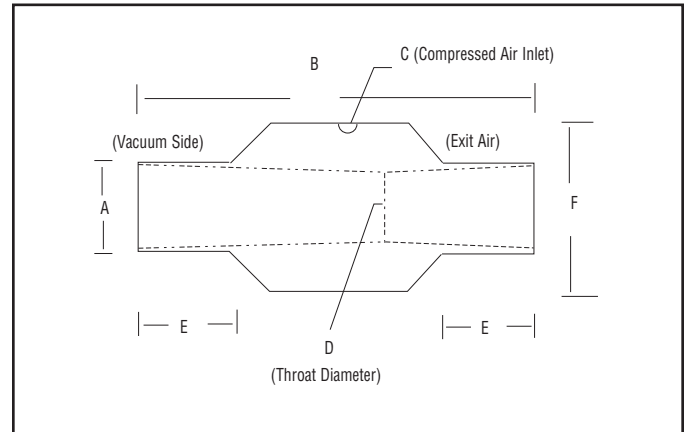
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1. COMPRESSED AIR SUPPLY

Air supplies are plagued with condensed water vapor in the air lines. This condensation leads to rust and dirt in the air lines. Also some compressors will allow oil or oil vapor to enter the line. Small orifices in the AIRTIX Air Saver products may become clogged with the rust dirt, and water droplets. A 5-micron filter will separate 99% of the foreign material from the air supply allowing virtually maintenance free operation. The use of an oil filter will remove the oil droplets with an effective filtration of 0.01 ppm for an even cleaner air supply.

Keep in mind that the current line or air might contain dirt or oil and should be blown out before installation. Also pipe thread sealant or tape must be carefully applied to avoid clogging product orifices.



2. AIRTIX PRODUCT PERFORMANCE/COMPRESSED AIR SUPPLY LINE SIZE.

To obtain maximum performance from the AIRTIX ConveyVac, accurate measurements of air pressure (psi) and air volume (cfm) must be obtained. Line pressure of 70-90 psi can be present without sufficient volume (cfm) of air. To ensure that both pressure and volume are present to efficiently operate the AIRTIX products, a line size of 1/4" pipe or 1/2" hose should be used for applications up to 10 ft. from the main header. Use 3/8" pipe or 3/4" hose up to 20 ft. and 3/4" pipe and 1" hose up to 50 feet. Do not use coiled hose as the very small inside diameter of the hose limits air flow. Avoid 90° bends in the air hose leading to the vacuum side or exit side of the ConveyVac as this creates turbulence in the flow and limits the effectiveness.

Use ConveyVac for

- In-Line Conveyer Vacuum
- Convey chips, parts, trim scrap, finished goods, pills, pellets, and golf balls
- Boost air flow in existing vacuum systems
- Model 90008 will lift 30lbs of sand/min.

Advantages of ConveyVac

- No maintenance
- Quiet operation
- 6 sizes available in both aluminum and stainless steel
- 3.5" Hg vacuum @ 80 psi
- 5.5" Hg vacuum on Model 98008
- Compressed air operated
- Fits standard PVC pipe sizes

ConveyVac Dimensions

Aluminum Model	Stainless Model	A		B	C	D	E	F	Air Consumption @80 psi
		inch	mm						
98004	90004	0.75"	19	2.8"	1/8" NPT	3.75"	.50"	.42"	variable set @15 cfm
98008	90008	1"	25	3.5"	1/4" NPT	.80"	1"	1.50"	28 cfm
98012	90012	1.5"	38	5.7"	1/4" NPT	1.25"	1.5"	2.75"	28 cfm
98022	90022	3"	75	6"	3/8" NPT	2.25"	1.5"	4.00"	32 cfm
98032	90032	4"	101	8"	1/2" NPT	3.25"	2"	5.00"	42 cfm
98042	90042	6"	150	10"	1/2" NPT	4.25"	2"	7.00"	52 cfmS

StrongMan ConveyVac Dimensions

Aluminum Model	Stainless Model	A		B	C	D	E	F	Air Consumption @80 psi
		inch	mm						
98104		0.75"	19	2.8"	1/8" NPT	3.75"	.50"	.42"	25 cfm
98108	90208	1"	25	3.5"	1/4" NPT	.80"	1"	1.50"	56 cfm
98112	90212	1.5"	38	5.7"	1/4" NPT	1.25"	1.5"	2.75"	60 cfm
98122	90222	3"	75	6"	3/8" NPT	2.25"	1.5"	4.00"	92 cfm
98132	90232	4"	101	8"	1/2" NPT	3.25"	2"	5.00"	110 cfm
98142	90242	6"	150	10"	1/2" NPT	4.25"	2"	6.00"	118 cfm

ASK ABOUT

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STRONGMAN SMARTVAC MODEL 99755



SMARTVAC (Smart Vacuum Systems)

SmartVac Model 90755 Operates Like a Wet/Dry Vacuum Without Electricity for Dry Materials or Wet Spills Pick-Up

**STRONGMAN SmartVac Model 99755
50% HIGHER VACUUM, FASTER DEBRIS REMOVAL**

The StrongMan SmartVac gets the job done!

Using normal shop compressed air of 80 psi, this portable vacuum creates up to 50% more vacuum than other shop vacuums and is 50% quieter than electric vacs. There are no moving parts to wear out and no maintenance. The SmartVac does an excellent job of picking up spilled fluids with the 15" wide squeegee attachment or dry chips and materials. A metal or plastic drum can be used.

The SmartVac Model 90755 system includes the SmartVac, 10' of 1-1/2" hose, on/off valve with pressure gauge, squeegee, pick-up wands, crevice tool, round brush, drum cover, bolt locking ring, filter bag and steel castered dolly for easy mobility.

The SmartVac Model 90730 includes the above items, but has a lid to fit on a 30 gallon drum.

ADVANTAGES-SMARTVAC 90755/99755

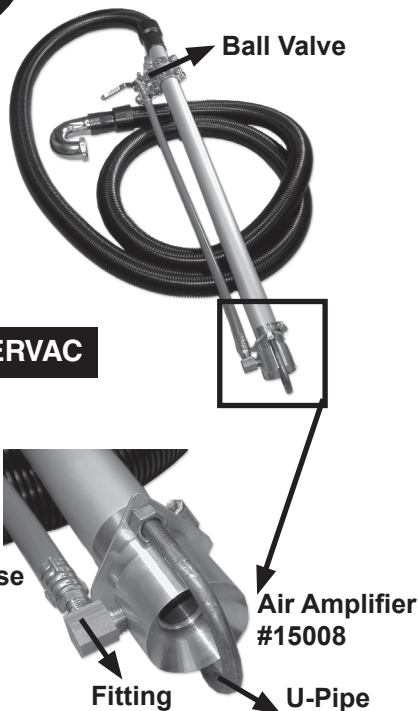
- High vacuum
- Fast debris removal
- Heavier material pick-up
- Portable
- Rugged, reliable for industrial use
- No electricity

ASK ABOUT

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HOPPERVAC MODEL 95308

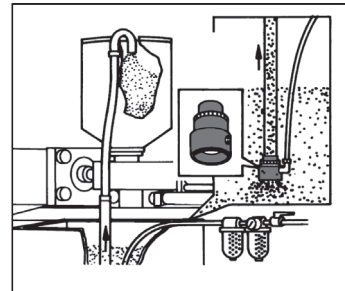
ADJUSTABLE LOW FLOW HOPPERVAC



ADVANTAGES-HOPPERVAC

- Low cost — high output
- Compressed air operation
- Variable feed rate up to 50 pounds/min.
- No maintenance
- .80" throat diameter
- Hook up to a compressed air line, drop it into a container of pellets and let the HopperVac do the work
- No break downs or down time

Pellet and Material Transfer- Operates at a Small Fraction of the cost for Motor Driven Hopper Loaders



Model 95308

A Model 95308 is a simple, inexpensive way to load plastic granules in a machine hopper. Changing colors or materials is as easy as lifting the 95308 into a different gayload.

HopperVac Kit Model 95308 Contains

- Variable air flow amplifier #15008
- 3' x 1-1/2" aluminum feed tube
- 10' x 1-1/2" flexible hose
- Hopper feed aluminum hanger tube
- On/off ball valve