

CONVEYVAC and CONVEYVAC STRONGMAN

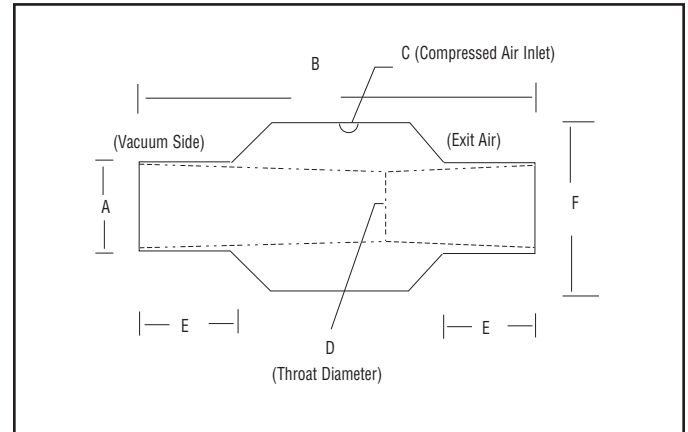


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1. COMPRESSED AIR SUPPLY

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 Conveyor 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

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