



STREAMTEKTM

PRODUCT CATALOG

CONTACT US



www.stream-tek.com

US & Canada: 1-888-218-6548

Worldwide: 1-705-770-4455

At Streamtek Corp. we strive to provide our clients with superior customer service and the best quality in compressed air products. We find that building long-term customer relationships based on trust and high service standards will help us better address your needs and concerns.



Air Conveyors

Streamtek's Air Conveyor simply uses compressed air to move large volumes of items over great distances, with absolutely no moving parts.

Our Air Conveyor is a fast, low-cost way to convey plastic pellets, chips, sawdust, shavings, food products, bulk solids, scrap trim, textiles, granules and so much more!

What types of Air Conveyors do we carry?

The Streamtek compressed air operated Air Conveyor connects to standard pipe, hose, or tube to create a powerful in-line conveyor. No need for expensive and maintenance needy conveying systems. The material flow rate is easily controlled with a pressure regulator. No moving parts or electricity assures maintenance-free operation.



Air Conveyors: Threaded

The Threaded Air Conveyor converts an ordinary pipe into a powerful conveying system for trim, parts, scrap and other bulk materials. Threaded Air Conveyors attach easily to standard plumbing pipe couplers, making it easy to construct a system using regular pipe and fittings available from any hardware store, home center or plumbers supply.

Air Conveyors: Non-Threaded

The Non-Threaded Air Conveyor converts an ordinary tube/hose into a powerful conveying system for trim, parts, scrap and other bulk materials. Simply clamp a standard hose/tube size to each end of the Air Conveyor to create this high energy conveying system.



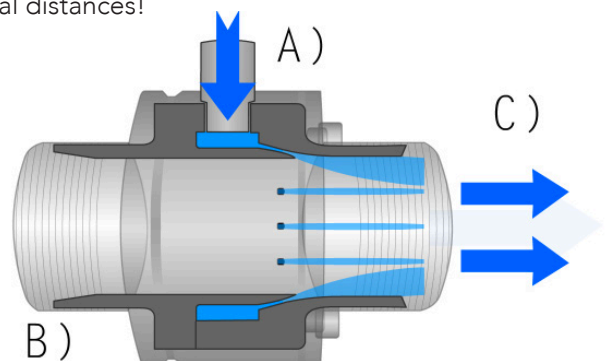
Which Air Conveyor will best suit my needs?

Generally there are 4 types of criteria to look for when selecting the proper model: the diameter of parts being conveyed, the rate (weight or volume), the material; Stainless Steel or Aluminum, and finally the diameter of the hose and/or tube that is used. Below is a quick comparison chart of what we offer.

Air Conveyor Comparison		
	Temperature Rating	Corrosion Rating
<i>Aluminum Air Conveyor</i>	272°F (133°C)	Good
<i>Stainless Steel Air Conveyor</i>	403°F (206°C)	Excellent
<i>High Temp. Stainless Steel Air Conveyor</i>	956°F (513°C)	Excellent

How do Air Conveyor's work?

- (A) Compressed air flows through the NPTF inlet and into a plenumchamber.
- (B) The compressed air is then injected into the throat through directed nozzles, which in-turn creates a strong vacuum at the intake.
- (C) The vacuum draws material in and accelerates it through the unit for conveying over long horizontal or vertical distances!



Applications

Streamtek Corp., manufactures a wide variety of industrial products designed for blow-off, cooling, cleaning, conveying, and industrial housekeeping.

Automotive

Convey everything from screws, bolts, nuts, ball bearings, to metal and plastic parts for machinery.

Bottling

Loading/Unloading caps with bottle filling lines.

Food

Move everything from bulk candy, caps, lids, dried food, to fill or empty packaging material.

Manufacturing

Get rid of those expensive, high-maintenance blower systems and convey all kinds of items from metal and plastic parts to material used for shipping.

Paper/Plastic

Trim removal in paper productions and changing applications.

Pharmaceutical

Convey capsules, pills, lids, bottles, and tablets.

Advantages

- No moving parts
- No electricity is used
- Zero Maintenance
- Longer life than traditional blower systems
- Simple and easy control of flow material
- Instantaneous response
- No explosion hazard
- Ease of use

Specifications

The Air Conveyor is available in six standard IN-STOCK diameters of 1" (25 mm), 1-1/4" (32 mm), 1-1/2" (38 mm), 2" (51 mm), 2-1/2" (64 mm), and 3" (76 mm).

Mounting:

Connects in-line to convert ordinary tube and/or hose into a powerful conveying system for trim, scrap, parts and other bulk materials.

Air Supply Filtration:

A clean dry source of compressed air is vital! The 'Standard Kit' includes an auto drain filter /w 5 micron filter which is properly sized to avoid airflow

NOTE: The Streamtek Air Conveyor is not engineered to convey liquids. The Air Conveyor will suck up a bit of liquid, but not in a solid form.

Conveying Plastic Granules

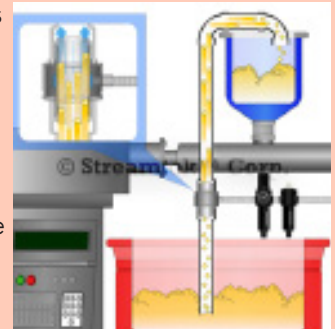


The (Model No. SV112A) 1-1/2" Air Conveyor is used to convey Plastic Granules from one end of the operation to another, reducing handling time dramatically! The

Granules are literally shot straight up (25ft), and then through an additional 65ft of horizontal pipe to the gravity feed hopper on an extruder.

Conveying Bottle Caps

A stainless steel 1-1/2" Air Conveyor Model SV112TA is used to convey plastic bottle caps to the hopper. Previously the caps were loaded manually which was an inefficient use of manpower, and the installation of a complete automatic loading system was deemed unnecessary and too costly for the particular process.



6 Year Replacement Warranty

Replace your product free of charge if it is found faulty

Air Consumption & Vacuum

Diameter	Material	Air Consumption @ 80 PSIG (5.5 BAR)	Vacuum (Inches H2O)	Inlet
3/4"	Aluminum, Stainless Steel (Type 303), & Hi-Temp Stainless Steel (Type 316)	8 SCFM (226 SLPM)	-49	1/4" NPTF
1"		16 SCFM (453 SLPM)	-43	1/4" NPTF
1 1/4"		25 SCFM (708 SLPM)	-42	1/4" NPTF
1 1/2"		35 SCFM (991 SLPM)	-35	3/8" NPTF
2"		45 SCFM (1274 SLPM)	-28	3/8" NPTF
2 1/2"		58 SCFM (1641 SLPM)	-23	3/8" NPTF
3"		70 SCFM (1981 SLPM)	-14	1/2" NPTF

Material of Construction

	Temperature Rating	Corrosion Rating
Aluminum	275°F (135°C)	Good
Stainless Steel (Type 303)	400°F (204°C)	Very Good
High Temperature Stainless (Type 316)	1200°F (482°C)	Excellent

Can powder be conveyed with the Air Conveyor?

Yes, the Streamtek Air Conveyor will convey all powder like substances. However, the ejection end of the Air Conveyor conveying system will be very dusty. You will need to separate the powder from the air moving the powder. A centrifugal separator or filter will usually solve this problem.

Our web blog can offer you many useful advices and tips on how to use our tools and improve productivity inside your production lines.

Does the Air Conveyor have an air amplification ratio?

The compressed air from the generating unit enclosed inside the Air Conveyor will pull the air from the suction end through the Air Conveyor with approximately nine (9) times the SCFM consumed. This is what provides the

How should I position your Air Conveyor in my setup?

As a general rule of thumb, the Air Conveyor should be installed within 3-5 feet of the suction point. This is because it's easier to blow media through a pipe/hose/tube than it is to vacuum. If you cannot get the Air Conveyor this close, then install as close as possible to the suction point.

Can I convey flammable materials with an Air Conveyor?

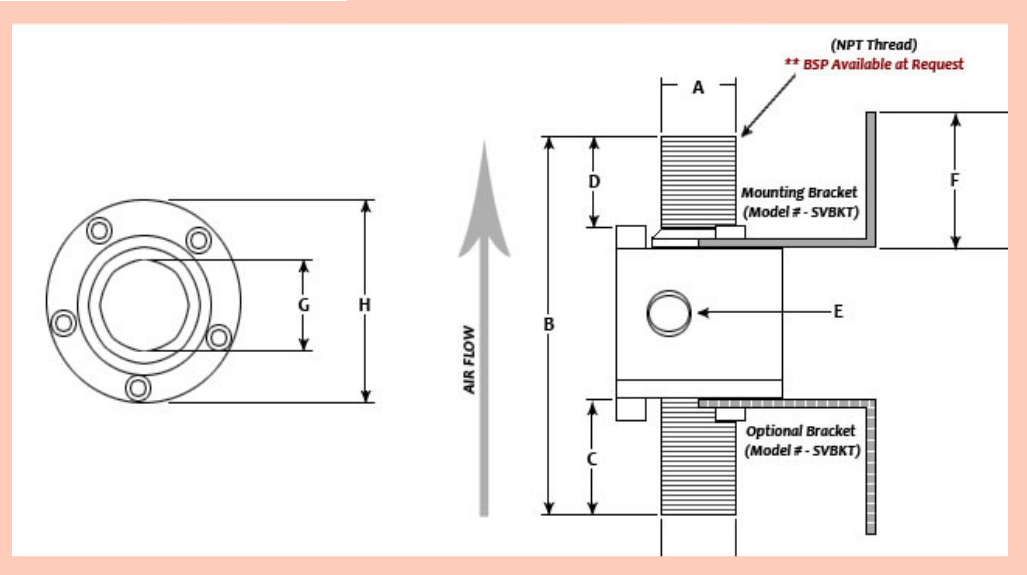
No. A static charge can be produced with the media being conveyed.

Air Conveyor Dimensions

Installs IN-LINE! Converts ordinary Tube/Hose into a powerful conveying system for trim, parts or scrap.

Control Flow by utilizing a standard pressure regulator will control the flow!

Lowest Price in the industry! Find a competitors equivalent Air Conveyor for less? Contact our factory and we will beat it by 20%; it's our standard policy.



DIMENSIONS: Non-Threaded Air Conveyor

	A (O.D.)	B	C	D	E	F	G (I.D.)	H
3/4"	0.75" (19 mm)	3.75" (95 mm)	1.40" (36 mm)	1.27" (32 mm)	1/4" NPT	1.75" (44 mm)	0.50" (13 mm)	2.25" (57 mm)
1"	1.00" (25 mm)	5.20" (132 mm)	1.40" (36 mm)	1.27" (32 mm)	1/4" NPT	1.75" (44 mm)	0.75" (19 mm)	2.50" (64 mm)
1 1/4"	1.25" (32 mm)	5.20" (132 mm)	1.40" (36 mm)	1.27" (32 mm)	1/4" NPT	1.75" (44 mm)	1.00" (25 mm)	2.75" (70 mm)
1 1/2"	1.50" (38 mm)	5.20" (132 mm)	1.40" (36 mm)	1.27" (32 mm)	1/4" NPT	1.75" (44 mm)	1.25" (32 mm)	3.00" (76 mm)
2"	2.00" (51 mm)	5.20" (132 mm)	1.40" (36 mm)	1.27" (32 mm)	1/4" NPT	1.75" (44 mm)	1.75" (44 mm)	3.50" (89 mm)
2 1/2"	2.50" (64 mm)	5.20" (132 mm)	1.40" (36 mm)	1.27" (32 mm)	1/4" NPT	1.75" (44 mm)	2.25" (57 mm)	4.00" (102 mm)
3"	3.00" (76 mm)	5.20" (132 mm)	1.40" (36 mm)	1.27" (32 mm)	1/4" NPT	1.75" (44 mm)	2.75" (70 mm)	4.55" (116 mm)




Our Vortex Tube use solid brass generators as their standard generating unit for a longer life expectancy. In higher temperature environ-


ments, many competitors will charge an additional fee for this feature. The Streamtek Vortex Tube converts your compressed air supply into a cold airflow at 115°F (46°C) on one end, up to 200°F (93°C) on the other.

Threaded Air Conveyor Description


Aluminum: Unit Only

	Diameter	Model #	Material
	1"	SV100TA	Aluminum
	1 ¼"	SV114TA	Aluminum
	1 ½"	SV112TA	Aluminum
	2"	SV200TA	Aluminum
	2 ½"	SV212TA	Aluminum
	3"	SV300TA	Aluminum


Aluminum: Standard Kit

	Diameter	Model #	Material
	1"	SV100TA-1	Aluminum
	1 ¼"	SV114TA-1	Aluminum
	1 ½"	SV112TA-1	Aluminum
	2"	SV200TA-1	Aluminum
	2 ½"	SV212TA-1	Aluminum
	3"	SV300TA-1	Aluminum


Aluminum: Deluxe Kit

	Diameter	Model #	Material
	1"	SV100TA-2	Aluminum
	1 ¼"	SV114TA-2	Aluminum
	1 ½"	SV112TA-2	Aluminum
	2"	SV200TA-2	Aluminum
	2 ½"	SV212TA-2	Aluminum
	3"	SV300TA-2	Aluminum


Stainless Steel: Unit Only

	Diameter	Model #	Material
	1"	SV100TS	Stainless
	1 ¼"	SV114TS	Stainless
	1 ½"	SV112TS	Stainless
	2"	SV200TS	Stainless
	2 ½"	SV212TS	Stainless
	3"	SV300TS	Stainless

Stainless Steel: Standard Kit

	Diameter	Model #	Material
	1"	SV100TS-1	Stainless
	1 ¼"	SV114TS-1	Stainless
	1 ½"	SV112TS-1	Stainless
	2"	SV200TS-1	Stainless
	2 ½"	SV212TS-1	Stainless
	3"	SV300TS-1	Stainless

Stainless Steel: Deluxe Kit


	Diameter	Model #	Material
	1"	SV100TS-2	Stainless
	1 ¼"	SV114TS-2	Stainless
	1 ½"	SV112TS-2	Stainless
	2"	SV200TS-2	Stainless
	2 ½"	SV212TS-2	Stainless
	3"	SV300TS-2	Stainless

We believe our compressed air-operated products are the best on the block! But don't just hear it from us. On our website you can find many satisfied customers who left positive reviews. We hope you enjoy them!
stream-tek.com/about-us/testimonials/


Non-Threaded Air Conveyor Description

Keep in mind that our **Deluxe Kit** include: **Unit, Filter Separator, Pressure Regulator /w Gauge, and Mounting Bracket.**

Aluminum: Unit Only

	Diameter	Model #	Material
	3/4"	SV034A	Aluminum
	1"	SV100A	Aluminum
	1 1/4"	SV114A	Aluminum
	1 1/2"	SV112A	Aluminum
	2"	SV200A	Aluminum
	2 1/2"	SV212A	Aluminum
	3"	SV300A	Aluminum


Aluminum: Standard Kit

	Diameter	Model #	Material
	3/4"	SV034A-1	Aluminum
	1"	SV100TA-1	Aluminum
	1 1/4"	SV114TA-1	Aluminum
	1 1/2"	SV112TA-1	Aluminum
	2"	SV200TA-1	Aluminum
	2 1/2"	SV212TA-1	Aluminum
	3"	SV300TA-1	Aluminum


Aluminum: Deluxe Kit

	Diameter	Model #	Material
	3/4"	SV034A-2	Aluminum
	1"	SV100TA-2	Aluminum
	1 1/4"	SV114TA-2	Aluminum
	1 1/2"	SV112TA-2	Aluminum
	2"	SV200TA-2	Aluminum
	2 1/2"	SV212TA-2	Aluminum
	3"	SV300TA-2	Aluminum


Stainless Steel: Unit Only

	Diameter	Model #	Material
	1"	SV100S	Stainless
	1 1/4"	SV114S	Stainless
	1 1/2"	SV112S	Stainless
	2"	SV200S	Stainless
	2 1/2"	SV212S	Stainless
	3"	SV300S	Stainless

Stainless Steel: Standard Kit

	Diameter	Model #	Material
	1"	SV100S-1	Stainless
	1 1/4"	SV114S-1	Stainless
	1 1/2"	SV112S-1	Stainless
	2"	SV200S-1	Stainless
	2 1/2"	SV212S-1	Stainless
	3"	SV300S-1	Stainless

Stainless Steel: Deluxe Kit

	Diameter	Model #	Material
	1"	SV100S-2	Stainless
	1 1/4"	SV114S-2	Stainless
	1 1/2"	SV112S-2	Stainless
	2"	SV200S-2	Stainless
	2 1/2"	SV212S-2	Stainless
	3"	SV300S-2	Stainless



STREAMTEK™

Who We Are

We have over 15 years of experience in compressed air-operated products. All our products are manufactured in-house. We pride ourselves on keeping costs low and eliminating the middle man in order to pass the savings onto our customers. We offer outstanding product quality, exceptional customer service, and safe/secure business transactions. We are open Monday to Friday from 9:00a.m. to 5:00p.m. Eastern Standard Time.

Our Vision and Goal

Our vision is to incorporate quality and effectiveness into our everyday production. We strongly stand behind our products from the moment they are produced to the moment they are taken out of use. All of our products come with an unmatched 6 year warranty against failure. If found faulty within six years, a replacement product will be shipped free of charge. Our goal is to build a long lasting partnership with all our customers.

Stream-Tek Guarantees its catalogued product for 30 days. If you are not completely satisfied for any reason with that time, return the product for a full credit with NO restocking fee!

Contact **STREAMTEK CORP**



Streamtek Corp. Canada

6-295 Queen Street East Suite 384
Brampton ON., L6W 4S6, Canada



US & Canada: 1-888-218-6548

Worldwide: 1-705-770-4455



Sales

sales@stream-tek.com

Technical Support

support@stream-tek.com

