



STREAMTEKTM PRODUCT CATALOG

CONTACT US



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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 Air Conveyor is operated by compressed air and connects to a 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.



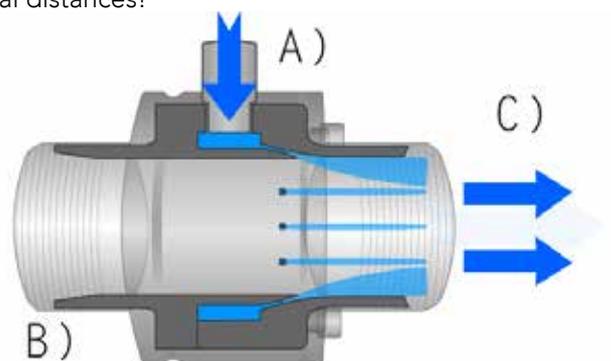
Which Air Conveyor will best suit my needs?

There are four general types of criteria to look for when selecting the proper model. These criteria are: the diameter of parts conveyed, the rate (weight or volume), the material of the conveyor (stainless steel or aluminum) and 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
Aluminum Air Conveyor	272°F (133°C)	Good
Stainless Steel Air Conveyor	403°F (206°C)	Excellent
High Temp. Stainless Steel Air Conveyor	956°F (513°C)	Excellent

How do Air Conveyor's work?

- (A) Compressed air flows through the NPTF inlet and into a plenum chamber.
- (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

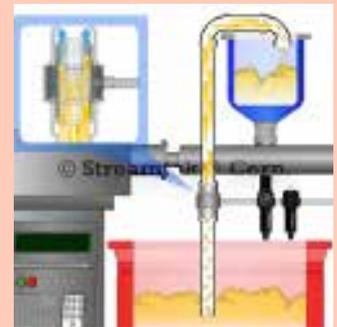


The (Model No. SV112A) 1-1/2" Air Conveyor is used to convey Plastic Granules from one end of the operation to another, reducing handling time dramatically! The

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. The caps were previously loaded manually, which was an inefficient use of manpower. The client could not completely automate the process. The Air Conveyor helped reduce cost and increase efficiency.



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 massive air flow to convey the media.

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.

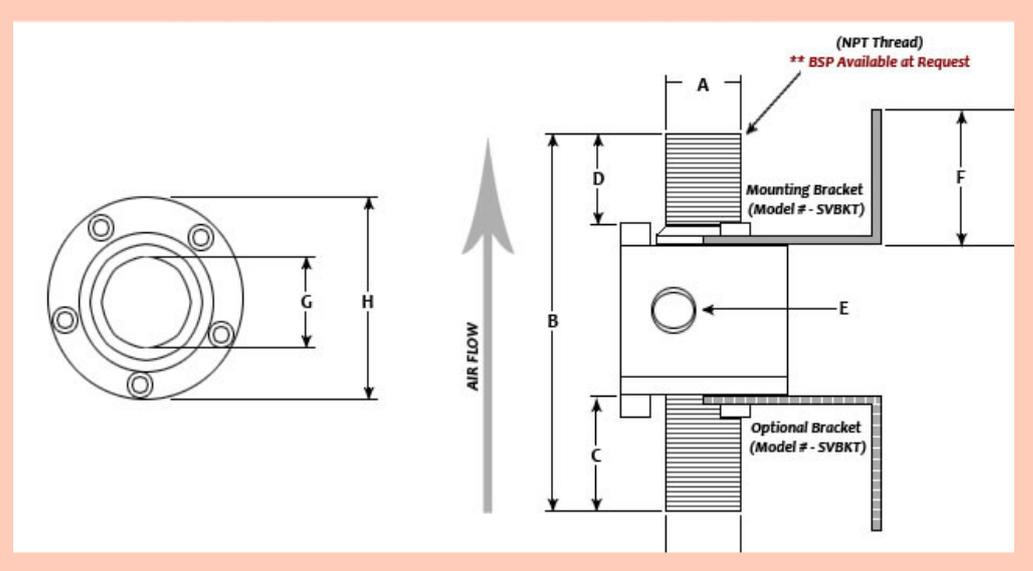
For our **PRICE LIST** visit our website stream-tek.com

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 environments, 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** includes: **unit, filter separator, pressure regulator with gauge, and mounting bracket.**

Air
Conveyors

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

