



STREAMTEKTM PRODUCT CATALOG

CONTACT US

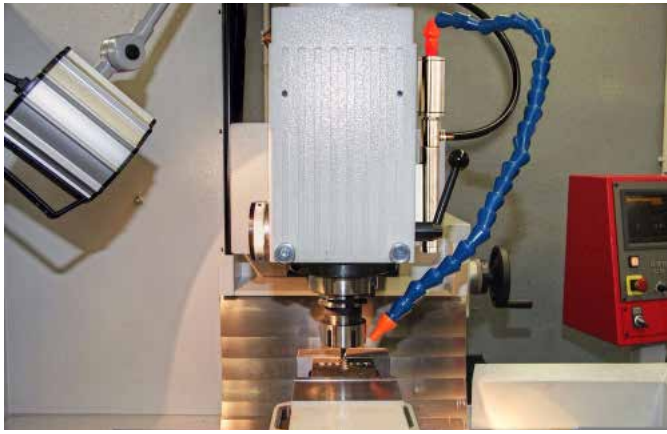


www.stream-tek.com

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.



Tool Coolers

Streamtek's Tool Cooler system produces a flow of clean cold air flow at approximately 50°F (28°C) below compressed air supply temperature.

The unit is muffled for quiet operation. It will remove heat to prolong your tool life and increase productivity on machining operations when liquid coolants simply cannot be used. In addition, there are no moving parts to wear out.

Use and Selection of your Tool Cooler:

Streamtek's Tool Cooler is a new solution to a very old problem. The **Single Point Tool Coolers** should be used where a concentrated airflow is needed such as in grinding and drilling. The **Dual Point** versions are typically used in applications where the heat is generated over a large surface area such as in milling, sawing, chill rolls or application of hot melt adhesives.



Dual or Single flex hose kit for Tool Cooler System

Dual Point Hose



Single Point Hose



The Streamtek **Tool Cooler** often replaces costly mist coolants and improves the output and quality of all types of drying machining operations from plastics to metals. Made of heavy gauge stainless steel, they are precision-machined, assembled and tested under strict quality control. They will never rust or pit when exposed to water, coolants, or other corrosive materials.

Applications

- Tool sharpening
- Drilling
- Plastic machining
- Band sawing
- Plunge and form grinding
- Drill and cutter grinding
- Milling
- Surface grinding
- Tire grinding
- Routing

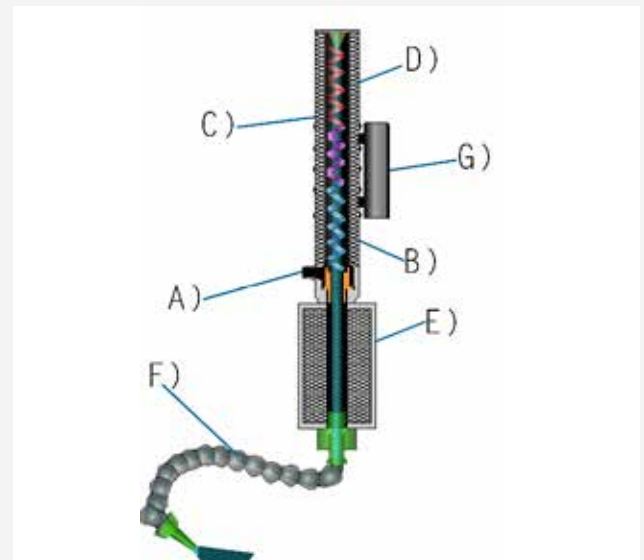
We have **over 15 years of experience** in compressed air-operated products. All our products are manufactured in-house. We pride ourselves on keeping costs low and eliminating the middle man in order to pass the savings onto our customers.

What's the difference between the Vortex Tube and Tool Cooler?

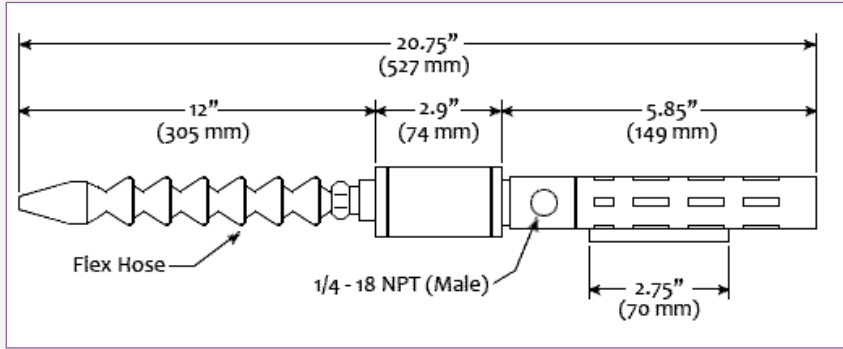
The Tool Cooler has a fixed maximum flow capacity which cannot be adjusted. The control valve on the Vortex Tube within the Tool Cooler has been replaced with a preset orifice which allows the Vortex Tube to produce the absolute highest cooling capacity available. In addition, the STREAMTEK™ Tool Cooler also incorporates a cold end muffler, allows for a flexible hose kit, and includes a magnetic base for quick n' easy mounting.

How do Tool Coolers Work?

- Compressed air enters into the vortex tube component of the Tool Cooler.
- The vortex tube splits the compressed air into hot and cold air streams.
- The hot air from the vortex tubes is exhausted into the atmosphere after being muffled.
- The cold air stream enters the muffler and passes through the flexible hose, which directs the airflow to the point of use.
- A strong magnetic base provides quick n' easy portability and mounting.



Tool Coolers Dimensions



- **No Coolant or liquids**, ozone-depleting chemicals or residue.
- **Maintenance free** no moving parts.
- **Magnetic base** provides user friendly mounting and portability.
- **Lowest Price in the industry!** Find a competitors equivalent Tool Cooling Cold Gun for less? Contact our factory and we will beat it by 20%; it's our standard policy.

Tool Coolers Specifications

Controlling the Cold Air:

The Streamtek Tool Cooler Cold Gun System provides instant cold air! A solenoid valve (*Model SLD00-1*) is an excellent way to turn the compressed air supply to the Cold Gun system on-off as it is needed, which in turn conserves compressed air usage. A Manual Shutoff Valve (*Model VLV014-1*) can also be used to cycle on and off.

The Compressed Air Supply:

The Tool Cooler Cold Gun System is engineered to use compressed air supply of 80-100 PSIG (5.5 to 6.9 BAR). If lower input pressures are given, both temperature drop and flow will be reduced. A clean dry source of compressed air is imperative in the operation of the Streamtek Vortex Tube Tool Cooler.

Use and Selection of your Tool Cooler:

The Single Point Tool Coolers should be used where a concentrated airflow is needed such as in grinding & drilling. The Dual Point versions are typically used in applications where the heat is generated over a large surface area such as in milling, sawing, chill rolls or application of hot melt adhesives.

What is the difference between the Regular and Advanced Tool Coolers?

The Advanced Tool Cooler has twice the cooling capacity of the Regular Tool Cooler – cabinet cooling the part in less time. Both coolers are constructed of Stainless Steel (Type 303) and are available with dual-point or single-point flexible hose kits.

Tool Cooler Specifications

Model No.	Pressure Supply		Air Consumption		PSIG
	PSIG	BAR	SCFM	SLPM	dBA
Regular Tool Coolers TC015S, T015D	100	6.9	15	425	72
Advanced Tool Cooler TC030S, TC030D	100	6.9	30	850	83

Advanced: Twice the cooling capacity of the Regular Tool Cooler, cooling the part in less time

	Model #	Description
	TC0300	30 SCFM Advanced Tool Cooler, Only
	TC030S	30 SCFM Advanced Tool Cooler /w Single Point Hose Kit & Auto Drain Filter
	TC030D	30 SCFM Advanced Tool Cooler /w Dual Point Hose Kit & Auto Drain Filter

Advanced: Twice the cooling capacity of the Regular Tool Cooler, cooling the part in less time

	Model #	Description
	TC0300	30 SCFM Advanced Tool Cooler, Only
	TC030S	30 SCFM Advanced Tool Cooler /w Single Point Hose Kit & Auto Drain Filter
	TC030D	30 SCFM Advanced Tool Cooler /w Dual Point Hose Kit & Auto Drain Filter



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**

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