

AiRTX *HURRICANE* ADJUSTABLE AIR AMPLIFIERS

Adjustable, Compact, Versatile, No-Maintenance, 3000 CFM Without Motors or Dangerous Fans, No Shims Needed to Adjust Air Flow



NO SHIMS!!!!

▲ 5 sizes available in Aluminum and 5 sizes in Stainless Steel

AiRTX Air Amplifier Advantages

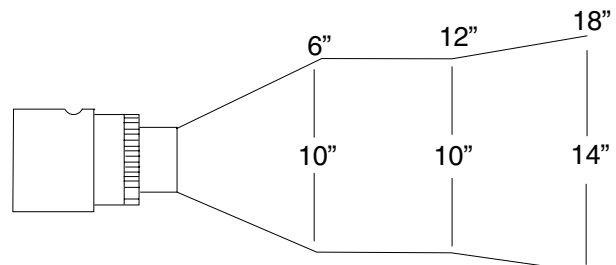
- Low cost
- Adjustable output without tools or shims
- No blades, guards or clumsy duct
- No maintenance, no moving parts
- Easy to control flow/force
- Greatly reduced noise
- No electricity or explosion hazard
- Instant on/off

Use Them For

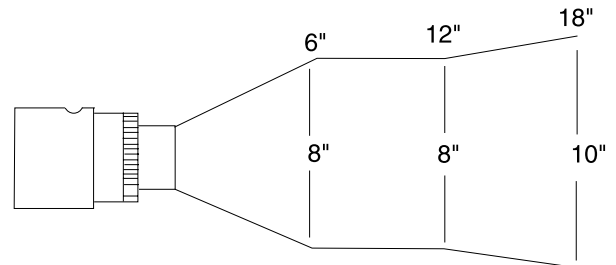
- Air conveying any material that can be moved in a rush of air: chips, sawdust, smoke, paper and cloth trim, grain, dust, capsules, powder
- Ventilation and exhaust of smoke/fumes, replacing fans
- Blow-off chips, trim scrap, water, dust
- Part cleaning before finishing, replacing open air lines
- Purging tanks
- Cooling molded parts and castings
- Cleaning/cooling of conveyed parts
- Pneumatic conveying

Air Amplifier Flow Specs at Factory (Adjustable) Setting

SS Model#	Aluminum Model #	Throat Diameter	AMP Ratio	Adj. Factory Setting
10004	15004	0.38	12:1	15 cfm
10008	15008	0.88"	12:1	15 cfm
10015	15015	1.65"	20:1	25 cfm
10025	15025	2.25"	25:1	45 cfm
10030	15030	3.00"	30:1	60 cfm



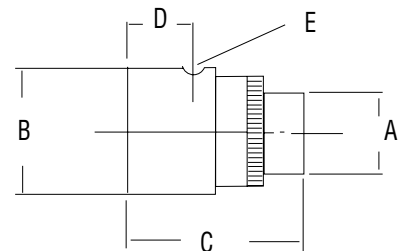
▲ Flow Pattern 15025, 15030



▲ Flow Pattern 15008, 15015

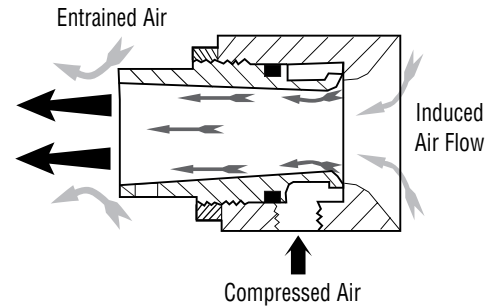
Air Amplifier Dimensions

Model SS	Model AL	A	B	C	D	E	Throat Dia.
10004	15004	.050 13mm	1.25" 31mm	2.25" 57mm	.50" 12mm	1/8" NPT	.38" 9mm
10008	15008	1.25" 31mm	2.00" 50mm	3.00" 76mm	1.00" 25mm	1/4" NPT	0.88" 22mm
10015	15015	2.00" 50mm	3.00" 76mm	3.25" 83mm	1.00" 25mm	3/8" NPT	1.65" 42mm
10025	15025	2.5" 63mm	3.63" 92mm	3.63" 92mm	1.25" 31mm	3/8" NPT	2.25" 57mm
10030	15030	3.88" 98mm	5.00" 127mm	5.00" 127mm	1.50" 38mm	1/2" NPT	3.00" 76mm

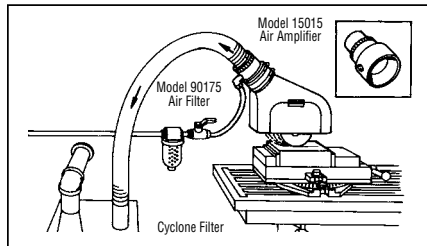


AiRTX HURRICANE ADJUSTABLE AIR AMPLIFIERS

The AiRTX Air Amplifiers releases a tiny amount of compressed air at near-sonic velocity through an adjustable internal, ring-shaped nozzle. The high-speed "tube" of air released through the front creates a strong vacuum behind itself, pulling additional surrounding air through the rear of the amplifier, while pushing the ambient air in front producing large flows of free surrounding air.

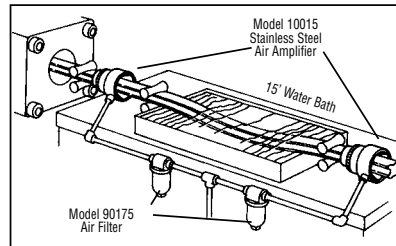


Air Amplifiers at Work



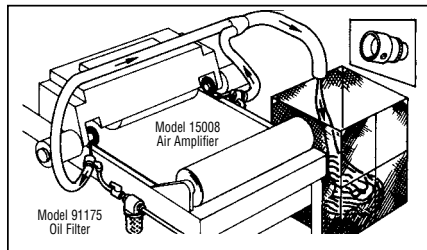
Metalworking — Grinding

A Model 15015 Air Amplifier boosts a vacuum system by 300 cfm, negating the need for a larger, more expensive system to remove grinding dust.



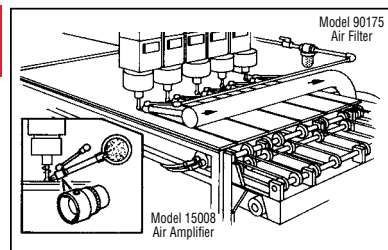
Extrusion — Rubber Molding Cooling/Drying

Model 10015 Stainless Steel Amplifiers help set-up and cool this molding after extrusion. Then, they blow off and dry the molding prior to cutting.



Textiles — Scrap Removal

The Model 15008 Amplifier eliminates expensive vacuums and electric motors for edge scrap removal. Amplifiers, with no moving parts, eliminate lint/dust, that can cause overheating of electric motors.

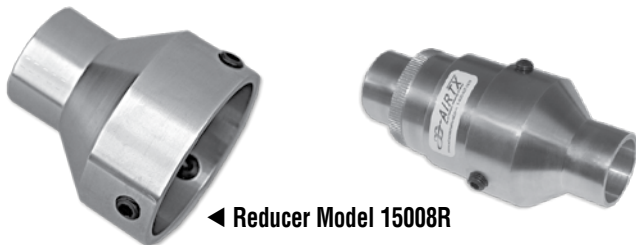


Woodworking — Sawdust Removal

Model 15008 Amplifier boosts vacuum system, ending a sawdust problem on this router. Compressed-air-operated, with no moving parts, the amplifier eliminates frequent electric motor replacement.

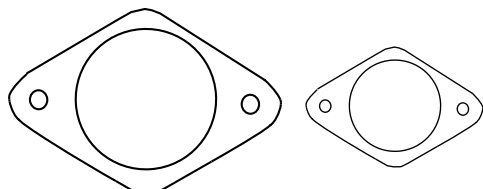
Model 15008R Reducer — when used with Model 15008, reduces inlet and outlet (Dimension B) to 1.25"

Model 15015R Reducer — when used with Model 15015, reduces inlet and outlet (Dimension B) to 2"



◀ Reducer Model 15008R

◀ Air Amplifier with reducer, outlet and inlet size is the same for an inline flow of high volume air.



10000-31 — Use for 15015

10000-30 — Use for 15008

◀ **Mounting Plate** — 10000-30 Use for 15008
Mounting Plate — 10000-31 Use for 15015

Mounting Plate — 10000-32 Use for 15025
Mounting Plate — 10000-33 Use for 15030

Call the AiRTX Air Line
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