

# GATE AIR WIPES



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2-piece hinged air wipe provides a circle of high volume, high velocity air while minimizing compressed air usage. The 25:1 air amplification ratio provides a large cleaning flow of air while minimizing compressed air usage from drilled pipes or other home made designs. The open and shut design allows for easy placement of products.

## Gate Air Wipe Performance Chart

Gate Air Wipe Performance Chart (.003 shim)						
SS Model #	AL Model#	CFM Usage				
		20 psi	40 psi	60 psi	80 psi	100psi
	16101	8	12	16	20	26
	16102	14	18	22	26	30
10103	16103	18	24	28	32	38
10105	16105	28	38	48	54	62
10107	16107	38	56	70	80	90

### 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 gaps in the AiRTX products may become clogged with 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.

**Air Filter Model 90175** can be used with all AiRTX products.

**The Oil Filter Model 91175** can be used along with the **90175 Air Filter for the same AiRTX products.**

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. AiRTX PRODUCT PERFORMANCE/ COMPRESSED AIR SUPPLY LINE SIZE.

To obtain maximum performance from the AiRTX products, 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 AiRTX 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.

### 3. USE AND INSTALLATION OF AiRTX GATE AIR WIPE

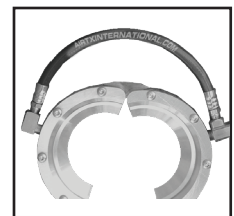
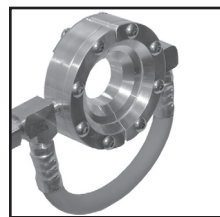
The Air Wipe amplifies compressed air at a 25:1 ratio providing high air flow for cooling and drying products on all sides.

### 4. MAINTENANCE AND CLEANING

All of the AiRTX products are easily disassembled for easy cleaning and removal of dirt, rust or contaminants with a solvent and clean rag.

## Gate Air Wipe Dimensions

Gate Air Wipe Dimensions					
SS Model#	AL Model #	A	B	C	Inlet
	16101	1"	1"	3"	1/8" NPT
		25mm	25mm	76mm	
	16102	2"	1"	4"	1/8" NPT
		50mm	25mm	76mm	
10103	16103	3"	1.5"	6"	1/4" NPT
		76mm	38mm	152mm	
10105	16105	5"	1.5"	8"	1/4" NPT
		127mm	38mm	203mm	
10107	16107	7"	1.5"	10"	1/4" NPT
		178mm	38mm	254mm	



The Gate Air Wipe Easy Open and Shut Operation

3 sizes available in Stainless Steel  
 5 sizes available in Aluminum

# ASK ABOUT

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## AIR KNIVES



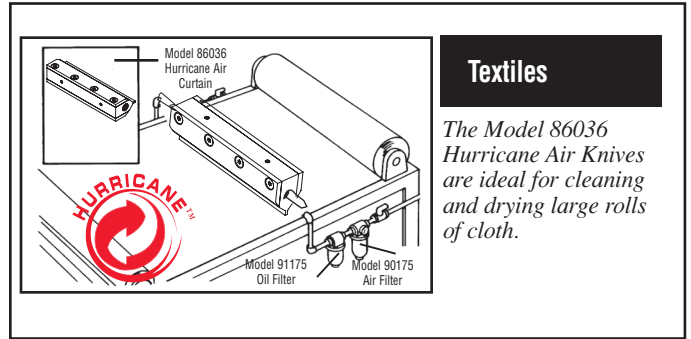
**HURRICANE AIR KNIFE**  
Model 86006

*Double the Air Volume of other Air Knives!*  
*(50:1 Air Amplification)*

### ADVANTAGES - AIR KNIVES

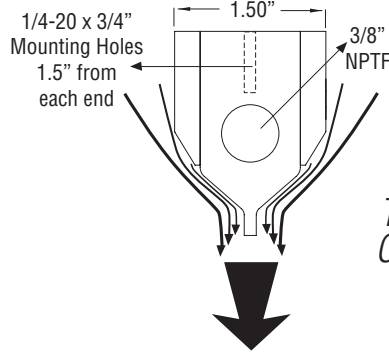
- Wide area blow-off or cooling with less noise
- Replace open Jets with AiRTX Air Knives
- Low initial and operating costs
- Up to 70% less compressed air usage than open air lines
- Easy to control flow/force • Instant on/off
- No rotating machinery, guards or clumsy ducts
- No maintenance, no moving parts
- No electricity or explosion hazard
- No RF/EMI interference

*Replace Uncontrollable Open Jets with AiRTX Air Knives*



### Textiles

*The Model 86036 Hurricane Air Knives are ideal for cleaning and drying large rolls of cloth.*



*AiRTX Air Amplification Technology Multiplies Your Compressed Air Dollar AND Reduces Noise*

*Air Knives, Air Amplifiers, Nozzles, Blow Guns, Manifolds - For All Your Blow Off Needs*

# ASK ABOUT

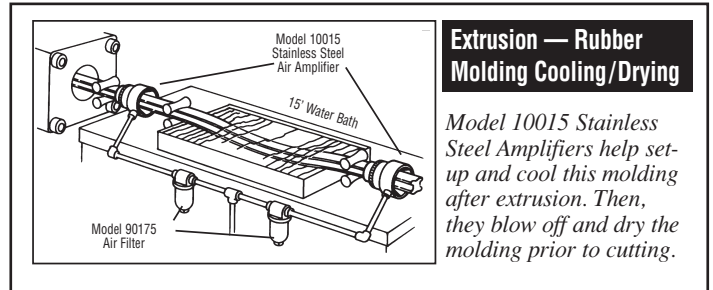
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## HURRICANE ADJUSTABLE AIR AMPLIFIERS



**HURRICANE ADJUSTABLE AIR AMPLIFIERS**  
5 Sizes Available In Stainless/Aluminum

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

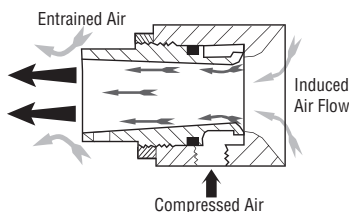


### Extrusion — Rubber Molding Cooling/Drying

*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.*

### ADVANTAGES - HURRICANE AIR AMPLIFIERS

- No electricity or explosion hazard
- 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
- Low cost
- Instant on/off



### 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