

HURRICANE ADJUSTABLE FLOW AIR AMPLIFIERS, AND JETS

1. COMPRESSED AIR SUPPLY

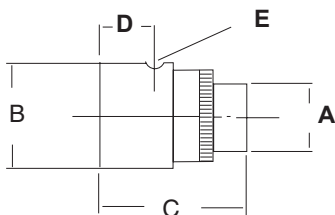
Air supplies are plagued with condensed water vapor in the air lines. This condensation leads to rust and dirt in the air lines. Also some compressors will allow oil or oil vapor to enter the line. Small orifices in the AiRTX Air Saver products may become clogged with rust, dirt, and water droplets. 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.

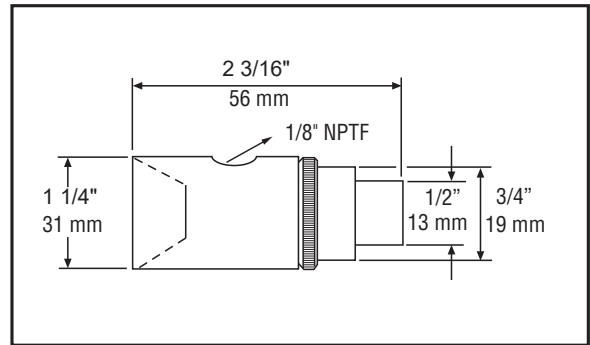
To obtain maximum performance from the AiRTX products, accurate measurements of air pressure (psi) and air volume (cfm) must be obtained. Line pressure of 70-90 psi can be present without sufficient volume (cfm) of air. To ensure that both pressure and volume are present to efficiently operate the AiRTX 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.

Hurricane Adjustable Air Amplifier Dimensions

Model	A	B	C	D	E	Throat Dia.
15004	0.5"	1.25"	2.25"	.50"	1/8" NPT	.38"
10004	13mm	31mm	57mm	12mm		9mm
15008	1.25"	2.00"	3.00"	1.00"	1/4" NPT	0.88"
10008	31mm	50mm	76mm	25mm		22mm
15015	2.00"	3.00"	3.25"	1.00"	3/8" NPT	1.65"
10015	50mm	76mm	83mm	25mm		42mm
15025	2.5"	3.63"	3.63"	1.25"	3/8" NPT	2.25"
10025	63mm	92mm	92mm	31mm		57mm
15030	3.88"	5.00"	5.00"	1.50"	1/2" NPT	3.00"
10030	98mm	127mm	127mm	38mm		76mm

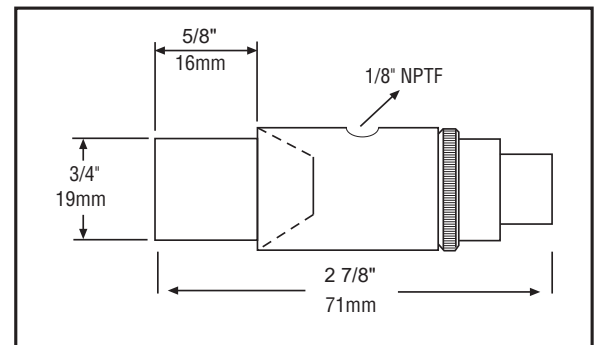


High-Thrust Jet Models



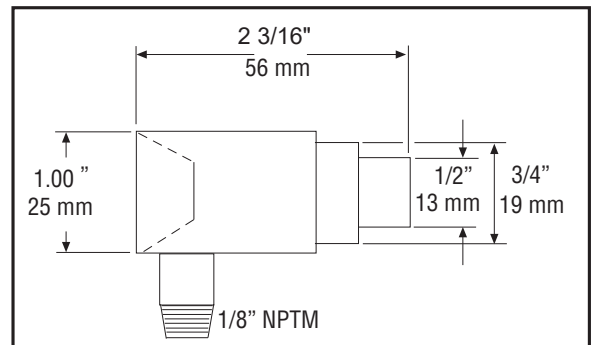
High-Thrust Jet Model 38038

(BSPT Thread Available)



High-Thrust Jet Model 38044

(BSPT Thread Available)

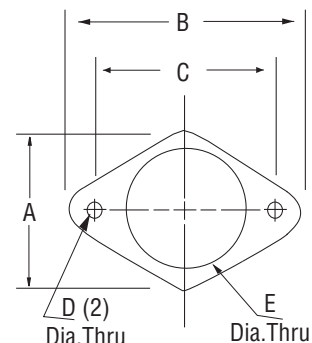


High-Thrust Jet Model 38038E

(BSPT Thread Available)

Air Amplifier Bracket Dimensions

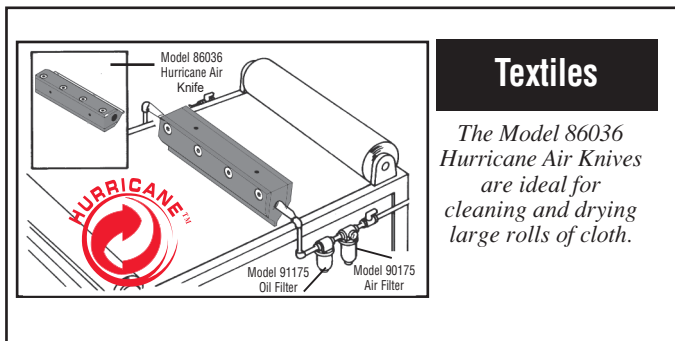
Model#	A	B	C	D	E
10000-30	2.00	3.00	2.50	0.27	1.45
10000-31	3.00	4.50	3.50	0.27	2.26
10000-32	4.00	6.00	4.75	.375	2.75
10000-33	5.00	7.75	6.50	0.53	4.00



AIR KNIVES

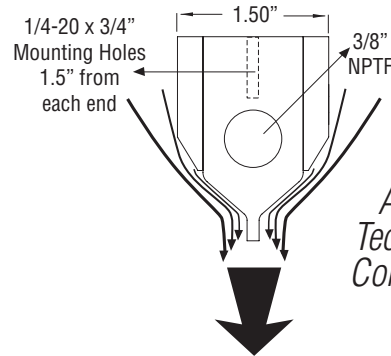
- Wide area blow-off or cooling with less noise
- Replace open jets with AiRTX Air Knives
- Low initial and operating costs
- Up to 70% less compressed air usage than open air lines
- Easy to control flow/force
- Instant on/off
- No rotating machinery, guards or clumsy ducts
- No maintenance, no moving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

Replace Uncontrollable Open Jets with AiRTX Air Knives



**HURRICANE AIR KNIFE
Model 86006**

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



*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*

ADJUSTABLE, FIXED FLOW, FLARE AIR SAVER NOZZLES

- Replacing direct compressed air use – pipe nipples and copper tube
- Ejecting parts from molding machines and stamping presses
- Blow-off of chips, trim scrap, swarf
- Part cleaning before painting
- Plant air conservation and noise reduction
- Cooling molded or cast parts
- Cleaning/cooling of metal strip and plastic/paper webs
- Cleaning/cooling of conveyORIZED or transfer line parts
- Manifolds available for multiple units

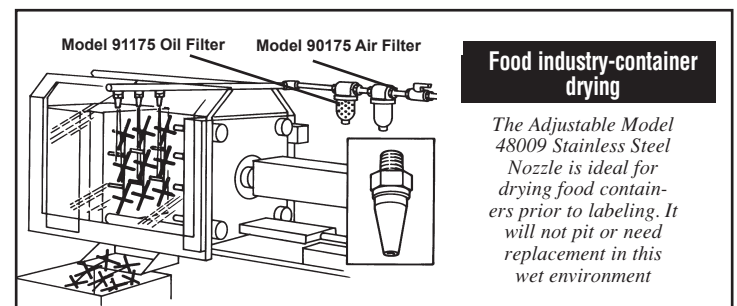


**FIXED FLOW
AIR SAVER NOZZLE
Model 48107**

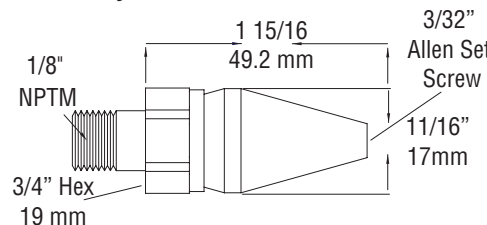


**ADJUSTABLE
AIR SAVER NOZZLE
Model 48009 & 40009**

*Powerful Blow-Off with Lower Air Cost and Lower Noise
than straight Compressed Air Tubes*



*SAVE 50-90% of your electric bill with AiRTX Nozzles.
You may not need that new additional Air Compressor.*



**AIR SAVER NOZZLE
Model 48009 & 40009**

**Adjustable Air Saver Nozzle
Model 48009 & 40009**

Distance from target	Pressure (psi)			
	40 psi	60 psi	80 psi	100 psi
6"	7.7	12.2	16.5	20.6
12"	7.6	11.5	15.9	20.1
18"	6.9	10.0	13.3	16.8

Air Saver Nozzle set @ 15 cfm @ 80 psi