

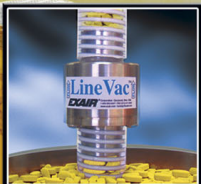
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# EXAIR

## 30 Years



USB  
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for the  
Digital  
Flowmeter



# 26

CATALOG



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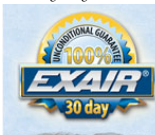
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11510 Goldcoast Dr.  
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**Phone Number:** (513) 671-3322

**Fax Number:** (513) 671-3363

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# Safety Air Guns

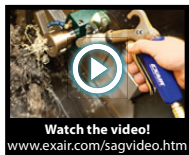
## Safety Air Guns use engineered air nozzles for high performance!



### Why EXAIR Safety Air Guns?

Inexpensive air guns are sold through many catalogs and industrial supply companies. Most have triggers or other parts that break quickly. Their performance is similar to open pipe, where they simply blow a lot of compressed air. In addition to the high air consumption, many produce noise levels that violate OSHA requirements. Some even generate dangerous dead end pressures that can result in serious or fatal injuries if blocked.

EXAIR's Safety Air Guns eliminate these problems. They are durable and comfortable to use. Each model uses an engineered Air Nozzle that provides superior performance by entraining large volumes of surrounding air. Safe operation is assured along with low air consumption and noise levels. Airflow that exits the nozzle can not be blocked, as required by OSHA standard 1910.242(b).



### Selecting The Right Safety Air Gun

The pages that follow show four Safety Air Guns. The Precision, Soft Grip, Heavy Duty and Super Blast Safety Air Guns are available with a variety of air nozzles (listed in order of force). Stainless steel air nozzles provide more mechanical wear resistance while withstanding corrosion and high temperatures. PEEK Air Nozzles provide protection from accidental impact with the target and outstanding corrosion resistance. Air consumption, force and sound level are shown for all models. [Complete details for each Air Nozzle are shown on pages 45-56.](#)



**Precision Safety Air Gun** is extremely lightweight and the most comfortable to operate during periods of extended use. The small diameter nozzle and extension will fit into tight spaces while providing strong blowing force. Chip Shields for worker safety are also available.



**Soft Grip Safety Air Gun** has a durable cast aluminum body that is suited for rugged industrial use. The ergonomic design has a large trigger for easy operation and a convenient hanger hook for easy storage. Chip Shields for worker safety are available. Extension Pipes and Stay Set Hoses for hard to reach areas are also available.



**Heavy Duty Safety Air Gun** is a powerful air gun with a durable cast aluminum body that is best suited for heavy use in rugged industrial environments. The ergonomic composite rubber grip and wide curved trigger can be used for hours without fatigue. Chip Shields for worker safety are available. Extension Pipes for hard to reach areas are also available.



**Super Blast Safety Air Guns** provide the strongest blowing force - ideal for long distance, wide area blowoff, cooling, and drying applications. The comfortable foam rubber handle provides a firm grip. The spring-loaded valve instantly shuts off the air supply if the air gun is dropped. Extension Pipes for hard to reach areas are also available.

## Chip Shields



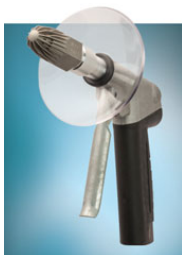
Protect workers from flying debris and prevent splash back!



### Why the EXAIR Chip Shield?

Chip Shields are a durable polycarbonate shield that protects operators from flying debris often associated with blowing chips off machined parts. Chip Shields are also great for keeping coolant from spreading everywhere during drying operations. EXAIR's Chip Shields help meet the requirements of OSHA 1910.242(b) for safe use of compressed air.

Chip Shields are available for EXAIR's Precision Safety Air Gun, Soft Grip Safety Air Gun and Heavy Duty Safety Air Gun. Chip Shields can be used on Safety Air Guns with or without an Aluminum Extension. Chip Shields are not for use on guns that use a Stay Set Hose.



Safety Air Guns

Model 136055-CS shown

### How to Order the EXAIR Chip Shield.

To order a Safety Air Gun with a Chip Shield, simply add a 'CS' to the end of the model number.

Examples:

**Model 1210-CS** is a Model 1210 Soft Grip Safety Air Gun with a Chip Shield.

**Model 1310-12-CS** is a Model 1310 Heavy Duty Safety Air Gun with a 12" (305mm) Aluminum Extension Pipe and Chip Shield.

#### Chip Shields for Safety Air Guns With Aluminium Extensions

Chip Shields are also available to be retrofitted to existing Safety Air Guns. For models that already have an Aluminum Extension in place, the Chip Shield is supplied with a rubber grommet to ensure a tight fit onto the extension.

Chip Shield #	Safety Air Gun Models Covered
901220	1408SS, 1408-PEEK, 1409SS, 1409-PEEK, 1410SS, 1410-PEEK
901221	1229, 1229SS, HP1229, HP1229SS, 1280SS, 1290, 1290SS, 1296SS, 1296-PEEK, 1297SS, 1297-PEEK, 1298SS, 1298-PEEK, 1299, 1299SS, 1299-PEEK
901222	1210, 1210SS, 1210-PEEK, 1230, 1230SS, HP1230, HP1230SS, 1310, 1310SS, 1310-PEEK, 1330, 1330SS, HP1330, HP1330SS
901223	1240, 1250, 1250SS, 1260, 1260SS, 1340, 1350, 1350SS, 1360, 1360SS

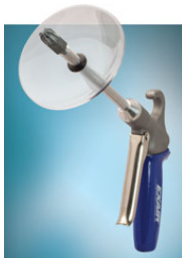


Model 1408SS-CS shown

#### Chip Shields for Safety Air Guns Without Aluminium Extensions

For models that **do not** already have an Aluminum Extension in place, a short extension nipple and the necessary adapter is provided.

Chip Shield Kit #	Safety Air Gun Models Covered
901231	1229, 1229SS, HP1229, HP1229SS, 1280SS, 1290, 1290SS, 1296SS, 1296-PEEK, 1297SS, 1297-PEEK, 1298SS, 1298-PEEK, 1299, 1299SS, 1299-PEEK
901232	1210, 1210SS, 1210-PEEK, 1230, 1230SS, HP1230, HP1230SS, 1310, 1310SS, 1310-PEEK, 1330, 1330SS, HP1330, HP1330SS
901233	1240, 1250, 1250SS, 1340, 1350, 1350SS
901234	1260, 1260SS, 1360, 1360SS



Model 1299-6-CS shown

# Safety Air Guns

## Precision Safety Air Gun

EXAIR's Precision Safety Air Guns are extremely lightweight and have a focused blast of air that provides excellent cleaning capability. The small diameter nozzle and extension easily fit into tight spaces while still packing a strong punch.

The Precision Safety Air Gun is available with EXAIR's Atto, Pico and Nano Nozzles, which were engineered to maximize entrainment of ambient air while minimizing air consumption and noise. Safe operation is assured since the airflow that exits the nozzle can not be blocked, as required by OSHA standard 1910.242(b). The 58 to 75 dBA noise level is well below the limits of the OSHA maximum allowable noise exposure standard 29 CFR 1910.95(a).

All nozzles are type 316 Stainless Steel for superior corrosion resistance or PEEK plastic for non-marring applications and increased chemical resistance. The body is made of high impact, glass reinforced nylon. The inlet is 1/4 NPT. All models are available with an impact resistant polycarbonate Chip Shield.



### Model 140855

**Nozzle:** 110855 Atto Super Air Nozzle  
**Also Available:** 1408-PEEK with 1108-PEEK PEEK Plastic Atto Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
2.5	71	2.0	57	58

### Model 140955

**Nozzle:** 110955 Pico Super Air Nozzle  
**Also Available:** 1409-PEEK with 1109-PEEK PEEK Plastic Pico Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
4.9	139	5.0	142	68

### Model 141055

**Nozzle:** 111055 Nano Super Air Nozzle  
**Also Available:** 1410-PEEK with 1110-PEEK PEEK Plastic Nano Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
8.3	235	8.1	230	75

\*Force measured at 12" (305mm) from target. Sound level measured at 3' (914mm). All measurements taken at 80 PSIG (5.5 BAR).

## Soft Grip Safety Air Gun

EXAIR's Soft Grip Safety Air Gun is ideal for hours of continuous use without fatigue. The ergonomic design keeps the hand in a comfortable position and incorporates a large trigger that permits operation with one or more fingers. The durable cast aluminum body is suited for rugged industrial use and includes a convenient hanger hook for easy storage. The Soft Grip Safety Air Gun is available with Air Nozzles as shown for quiet, safe and efficient use of the compressed air supply. Aluminum Extension Pipes, Stay Set Hoses, and Chip Shields are available for most models. The inlet is 1/4 NPT.



### Model 1210 SG Safety Air Gun

**Nozzle:** 1100 Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
14	396	13	368	74

\*Force measured at 12" (305mm) from target. Sound level measured at 3' (914mm). All measurements taken at 80 PSIG (5.5 BAR).



### Model 1210SS SG Safety Air Gun

**Nozzle:** 110055 Super Air Nozzle

The Model 1210SS uses the stainless steel Super Air Nozzle constructed of 316 Stainless Steel for rugged use and corrosion resistance.



### Model 1210-PEEK SG Safety Air Gun

**Nozzle:** 1100-PEEK Super Air Nozzle

The Model 1210-PEEK uses the PEEK Super Air Nozzle for non-marring and chemical resistance.

## Model 129655 SG Safety Air Gun



**Nozzle:** 110855  
Stainless Steel Atto Super Air Nozzle  
**Also Available:**  
1296-PEEK with 1108-PEEK  
PEEK Plastic Atto Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
2.5	71	2.0	56.7	58

## Model 129755 SG Safety Air Gun



**Nozzle:** 110955  
Stainless Steel Pico Super Air Nozzle  
**Also Available:**  
1297-PEEK with 1109-PEEK  
PEEK Plastic Pico Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
4.9	139	5.0	141.7	68

## Model 129855 SG Safety Air Gun



**Nozzle:** 111055  
Stainless Steel Nano Super Air Nozzle  
**Also Available:**  
1298-PEEK with 1110-PEEK  
PEEK Plastic Nano Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
8.3	235	8.1	230	75

## Model 1299 SG Safety Air Gun



**Nozzle:** 1103  
Mini Super Air Nozzle  
**Also Available:**  
1299SS with 1103SS  
Stainless Steel Mini Super Air Nozzle  
1299-PEEK with 1102-PEEK  
PEEK Plastic Mini Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
10	283	9	255	71

## Model 1299 SG Safety Air Gun



**Nozzle:** 1126  
1" Flat Super Air Nozzle  
**Also Available:**  
1299SS with 1126SS  
Stainless Steel  
1" Flat Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
10.5	297	9.8	278	75

.015" (0.38mm) shim installed

## Model 1299 SG Safety Air Gun



**Nozzle:** 1009  
Adjustable Air Nozzle  
**Also Available:**  
1299SS with 1009SS  
Stainless Steel Adjustable Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
13	368	12	340	79

## Model 128055 SG Safety Air Gun



**Nozzle:** 10155  
Micro Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
13	368	12	340	80

## Model HP1229 SG Safety Air Gun



**Nozzle:** HP1126  
1" High Power Flat Super Air Nozzle  
**Also Available:**  
HP1229SS with HP1126SS  
Stainless Steel  
1" High Power Flat Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
17.5	495	16	462	82

.025" (0.64mm) shim installed

## Model 1230 SG Safety Air Gun



**Nozzle:** 1122  
2" Flat Super Air Nozzle  
**Also Available:**  
1230SS with 1122SS Stainless Steel  
2" Flat Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
22	622	22	624	77

.015" (0.38mm) shim installed

## Model 1250 SG Safety Air Gun



**Nozzle:** 1104  
3/8 NPT Super Air Nozzle  
**Also Available:**  
1250SS with 1104SS 3/8 NPT  
Stainless Steel Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Grams	dBA
35	991	1.9	850	82

## Model HP1230 SG Safety Air Gun



**Nozzle:** HP1125  
2" Flat Super Air Nozzle  
**Also Available:**  
HP1230SS with HP1125SS  
Stainless Steel  
2" High Power Flat Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Grams	dBA
37	1,039	2.2	1,134	83

.025" (0.64mm) shim installed

## Model 1240 SG Safety Air Gun



**Nozzle:** 1111-4  
Super Air Nozzle Cluster

Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Grams	dBA
56	1,585	3.2	1,451	82

## Model 1260 SG Safety Air Gun



**Nozzle:** 1106  
1/2 NPT Super Air Nozzle  
**Also Available:** 1260SS  
with 1106SS 1/2 NPT  
Stainless Steel Super Air Nozzle

Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Grams	dBA
60	1,699	3.3	1,497	87

\*Force measured at 12" (305mm) from target. Sound level measured at 3' (914mm). All measurements taken at 80 PSIG (5.5 BAR).

## Add An Extension Pipe Or Stay Set Hose

Add an Extension Pipe or Stay Set Hose to your Soft Grip Safety Air Gun. Here's how:

1. Choose an EXAIR Soft Grip Safety Air Gun.  
**Example:** Model 1210
2. To add an Aluminum Extension Pipe, create the model number by adding a dash and number of the appropriate extension length after the model of the Soft Grip Safety Air Gun. (See table below)  
**Example:** The Model 1210 Soft Grip Safety Air Gun with a 12" (305mm) Aluminum Extension Pipe is a Model 1210-12.
3. To add a Stay Set Hose, create the model number by adding a dash and number of the appropriate Stay Set Hose after the model of the Soft Grip Safety Air Gun. (See table below)  
**Example:** The Model 1210 Safety Air Gun with a 12" (305mm) Stay Set Hose is a Model 1210-12SSH.



Aluminum Extension Pipe

All Soft Grip Safety Air Guns with Extension Pipes come fully assembled.

Model Addition #	Length
-6	6" (152mm)
-12	12" (305mm)
-18	18" (457mm)
-24	24" (610mm)
-36	36" (914mm)
-48	48" (1219mm)
-60	60" (1524mm)
-72	72" (1829mm)



Stay Set Hose

All Soft Grip Safety Air Guns with Stay Set Hoses come fully assembled.

Model Addition #	Length
-6SSH	6" (152mm)
-12SSH	12" (305mm)
-18SSH	18" (457mm)
-24SSH	24" (610mm)
-30SSH	30" (762mm)
-36SSH	36" (914mm)

Stay Set Hose not available with 1240, 1250 and 1260 models.

Chip Shields can be added to EXAIR's Safety Air Guns by adding a "-CS" to the Model#.

**Example:**  
1210 (Soft Grip Safety Air Gun)  
+ -CS (Chip Shield)  
**1210-CS** See page 71 for available models

# Safety Air Guns

## Heavy Duty Safety Air Gun

**Model 1310 Heavy Duty Safety Air Gun**  
**Nozzle:** 1100 Super Air Nozzle



EXAIR's Heavy Duty Safety Air Gun is a powerful air gun that delivers high force for use in rugged, industrial environments. The 3/8 NPT compressed air inlet increases the compressed air flow available to the Super Air Nozzle, resulting in higher force and flow than other air guns. The durable cast aluminum body includes an ergonomic composite rubber grip and wide curved trigger that makes it comfortable for hours of use without fatigue. Aluminum Extension Pipes and Chip Shields are available.  
*(Stay Set Hoses are not available.)*



**Model 1310SS HD Safety Air Gun**  
**Nozzle:** 1100SS Super Air Nozzle  
 Type 316 Stainless Steel Super Air Nozzle for rugged use and corrosion resistance.



**Model 1310-PEEK HD Safety Air Gun**  
**Nozzle:** 1100-PEEK Super Air Nozzle  
 PEEK Super Air Nozzle for non-marring and chemical resistance.

Air Consumption		Force*	Sound Level	
SCFM	SLPM	Ozs	Grams	dBA
14	396	13	368	74



**Model 1330 HD Safety Air Gun**  
**Nozzle:** 1122 2" Flat Super Air Nozzle  
**Also Available:** 1330SS with Stainless Steel 2" Flat Super Air Nozzle.

Air Consumption		Force*	Sound Level	
SCFM	SLPM	Ozs	Grams	dBA
22	622	22	624	77

.015" (0.38mm) shim installed



**Model 1350 HD Safety Air Gun**  
**Nozzle:** 1104 3/8 NPT Super Air Nozzle  
**Also Available:** 1350SS with 3/8 NPT Stainless Steel Super Air Nozzle

Air Consumption		Force*	Sound Level	
SCFM	SLPM	lbs	Grams	dBA
35	991	1.9	850	82



**Model HP1330 HD Safety Air Gun**  
**Nozzle:** HP1125 2" High Power Flat Super Air Nozzle  
**Also Available:** HP1330SS with Stainless Steel 2" High Power Flat Super Air Nozzle

Air Consumption		Force*	Sound Level	
SCFM	SLPM	lbs	Grams	dBA
37	1,039	2.2	1,134	83

.025" (0.64mm) shim installed



**Model 1340 HD Safety Air Gun**  
**Nozzle:** 1111-4 Super Air Nozzle Cluster

Air Consumption		Force*	Sound Level	
SCFM	SLPM	lbs	Grams	dBA
56	1,585	3.2	1,451	82



**Model 1360 HD Safety Air Gun**  
**Nozzle:** 1106 1/2 NPT Super Air Nozzle  
**Also Available:** 1360SS with 1/2 NPT Stainless Steel Super Air Nozzle

Air Consumption		Force*	Sound Level	
SCFM	SLPM	lbs	Grams	dBA
60	1,699	3.3	1,497	87

\*Force measured at 12" (305mm) from target. Sound level measured at 3' (91.4mm). All measurements taken at 80 PSIG (5.5 BAR).



## Add An Extension Pipe

Add an Extension Pipe to your Heavy Duty Safety Air Gun. Here's how:

1. Choose an EXAIR Heavy Duty Safety Air Gun.  
**Example:** Model 1310
2. To add an Aluminum Extension Pipe, create the model number by adding a dash and number of the appropriate extension length after the model of the Heavy Duty Safety Air Gun. (See table below)  
**Example:** The Model 1310 Heavy Duty Safety Air Gun with a 12" (305mm) Aluminum Extension Pipe is a Model 1310-12.

### Aluminum Extension Pipe

All Heavy Duty Safety Air Guns with Extension Pipes come fully assembled.

Model Addition # / Extension Length	
-6	6" (152mm)
-12	12" (305mm)
-18	18" (457mm)
-24	24" (610mm)
-36	36" (914mm)
-48	48" (1219mm)
-60	60" (1524mm)
-72	72" (1829mm)

Chip Shields can be added to EXAIR's Safety Air Guns by adding a "-CS" to the Model#.



**Example:**  
 1310 (Heavy Duty Air Gun)  
 + -CS (Chip Shield)

**1310-CS**

See page 71 for available models



# Super Blast Safety Air Guns

An **INTELLIGENT**  
**COMPRESSED AIR**<sup>®</sup>  
Product

## High Force Safety Air Guns

These hand-held versions of our Super Air Nozzle Clusters and large Super Air Nozzles provide the same strong blowing force with the added convenience of a comfortable soft grip and easy to operate spring-loaded manual valve that automatically shuts off if it is dropped. The Super Blast Safety Air Guns are ideal for long distance, wide area blowoff, cooling and drying applications. All Super Blast Safety Air Guns meet OSHA noise level and pressure requirements.



Also available  
**Longer Extension Pipes**  
Contact an  
Application Engineer

## Add a longer extension pipe to your Super Blast Safety Air Gun.

Create the model number by adding a dash and number of the extension pipe to the Super Blast Safety Air Gun.

### Example:

The Model 1213-4 Super Blast Safety Air Gun with a 3' extension would be a Model 1213-4-3.

1213-4 (Super Blast Safety Air Gun)  
+ -3 (3' extension)

**1213-4-3**

**NEW**

### Aluminum Extension Pipe

All Super Blast Safety Air Guns with Extension Pipes come fully assembled.

Model#	Model Addition# / Extension Length	Model Addition# / Extension Length
1213-4	-3	36" (914mm)
3/8 NPT	-6	72" (1829mm)
1213-7	-3	36" (914mm)
1/2 NPT	-6	72" (1829mm)
1213-12	-3	36" (914mm)
1 NPT	-6	72" (1829mm)

## Super Blast Safety Air Gun™

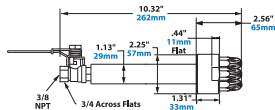


Model 1213-4 3/8 NPT female

**Material:** Nozzles - Zinc Aluminum alloy  
Body - Aluminum

**Airflow Pattern:** see Model 1111-4 on page 56.

DOWNLOAD  
drawings at  
EXAIR.com



Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Grams	dBA
56	1,585	3.2	1,451	82

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

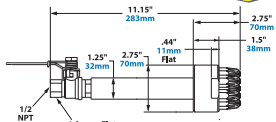


Model 1213-7 1/2 NPT female

**Material:** Nozzles - Zinc Aluminum alloy  
Body - Aluminum

**Airflow Pattern:** see Model 1111-7 on page 56.

DOWNLOAD  
drawings at  
EXAIR.com



Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Grams	dBA
98	2,773	5.7	2,585	85

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

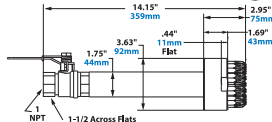


Model 1213-12 1 NPT female

**Material:** Nozzles - Zinc Aluminum alloy  
Body - Aluminum

**Airflow Pattern:** see Model 1111-12 on page 56.

DOWNLOAD  
drawings at  
EXAIR.com



Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Grams	dBA
168	4,754	9.8	4,445	89

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

# Super Blast Safety Air Guns

## Super Blast Safety Air Gun™

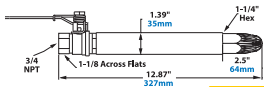


**Model 1214** 3/4 NPT female

**Material:** Nozzles - Zinc Aluminum alloy

**Airflow Pattern:** see Model 1112 on page 54

Model 121455 also available.



DOWNLOAD drawings at EXAIR.com

Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Grams	dBa
91	2,577	4.5	2,041	96

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)  
OSHA 3 hour total exposure per day without hearing protection



**Model 1215** 1 NPT female

**Material:** Nozzle - Zinc Aluminum alloy

**Airflow Pattern:** see Model 1114 on page 54.

Model 121555 also available



DOWNLOAD drawings at EXAIR.com

Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Grams	dBa
135	3,823	6.6	3,005	99

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)  
OSHA 2 hour total exposure per day without hearing protection



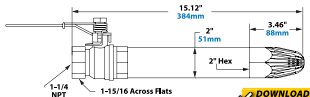
Super Blast Safety Air Guns provide strong blowing force to clean large areas quickly.



**Model 1216** 1-1/4 NPT female

**Material:** Nozzle - Zinc Aluminum alloy

**Airflow Pattern:** see Model 1116 on page 55.



DOWNLOAD drawings at EXAIR.com

Model	Air Consumption		Force*		Sound Level
	SCFM	SLPM	lbs	Grams	dBa
1216	188	5,324	9.4	4,252	102
1217	300	8,495	15	6,804	106
1218	460	13,026	23	10,433	109

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

Model 1216 OSHA 1 hour total exposure per day without hearing protection

Model 1217 and 1218 OSHA 1/2 hour total exposure per day without hearing protection



**Model 1217** 1-1/4 NPT female

**Material:** Nozzle - Zinc Aluminum alloy

**Airflow Pattern:** see Model 1118 on page 55.



**Model 1218** 1-1/4 NPT female

**Material:** Nozzle - Zinc Aluminum alloy

**Airflow Pattern:** see Model 1120 on page 55.

## Add a longer extension pipe to your Super Blast Safety Air Gun.

Create the model number by adding a dash and number of the extension pipe to the Super Blast Safety Air Gun.

### Example:

The Model 1214 Super Blast Safety Air Gun with a 3' extension would be a Model 1214-3.

1214 (Super Blast Safety Air Gun)

+ -3 (3' extension)

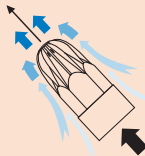
**NEW**

**1214-3**

### Aluminum Extension Pipe

All Super Blast Safety Air Guns with Extension Pipes come fully assembled.

Model#	Model Addition # / Extension Length
1214	-3 36" (914mm) -6 72" (1829mm)
121455	-3 36" (914mm) -6 72" (1829mm)
1215	-3 36" (914mm) -6 72" (1829mm)
121555	-3 36" (914mm) -6 72" (1829mm)
1216	-3 36" (914mm) -6 72" (1829mm)
1217	-3 36" (914mm) -6 72" (1829mm)
1218	-3 36" (914mm) -6 72" (1829mm)



### How Air Nozzles Work

Air Nozzles use the coanda effect to amplify compressed airflow up to 25 times or more. As illustrated on the left, compressed air (black arrows) is ejected through a series of nozzles on the outer perimeter. As the air travels along the outer wall of the nozzle, surrounding air (blue arrows) is entrained into the stream. The airstream that results is a high volume, high velocity blast of air at **minimal consumption**. The air is always ejected so it can vent safely, **well below OSHA dead ended pressure requirements**, should the nozzle end be blocked.

### Selecting The Right Air Nozzle

EXAIR manufactures a wide selection of Air Nozzles and Jets, which are divided into two groups. The first group includes Air Nozzles and Jets that deliver force up to 22 ounces (624 grams) and are suitable for most applications. The second group includes Air Nozzles that produce high force up to 23 lbs (10,433 grams) where additional reach and force are required.

- **Type 303 Stainless Steel**- high temperatures and corrosive environments.
- **Type 316 Stainless Steel**- high temperatures, corrosive environments, and mechanical wear.
- **Brass**- general purpose applications.
- **Zinc aluminum alloy**- general purpose applications.
- **PEEK**- replaces metals in harsh environments. Offers chemical resistance and is non-marring.

**Air Nozzles And Jets Comparison (sorted by compressed air consumption at 80 PSIG (5.5 BAR))**

Model	Material	Description	Inlet	Air Consumption		Force		Sound Level dBA	More Details
				SCFM	SLPM	Ozs	Grams		
1108SS	Stainless Steel - Type 316	Atto Super Air Nozzle	M4 x 0.5	2.5	71	2.0*	56.7	58	p. 46
1108-PEEK	PEEK (Plastic)	Atto Super Air Nozzle	M4 x 0.5	2.5	71	2.0*	56.7	58	p. 46
1108SS-NPT	Stainless Steel - Type 316	Atto Super Air Nozzle	1/8 MNPT	2.5	71	2.0*	56.7	58	p. 46
1108-PEEK-NPT	PEEK (Plastic)	Atto Super Air Nozzle	1/8 MNPT	2.5	71	2.0*	56.7	58	p. 46
1109SS	Stainless Steel - Type 316	Pico Super Air Nozzle	M5 x 0.5	4.9	139	5.0*	141.7	68	p. 46
1109-PEEK	PEEK (Plastic)	Pico Super Air Nozzle	M5 x 0.5	4.9	139	5.0*	141.7	68	p. 46
1109SS-NPT	Stainless Steel - Type 316	Pico Super Air Nozzle	1/8 MNPT	4.9	139	5.0*	141.7	68	p. 46
1109-PEEK-NPT	PEEK (Plastic)	Pico Super Air Nozzle	1/8 MNPT	4.9	139	5.0*	141.7	68	p. 46
1110SS	Stainless Steel - Type 316	Nano Super Air Nozzle	M6 x 0.75	8.3	235	8.1*	230	75	p. 46
1110-PEEK	PEEK (Plastic)	Nano Super Air Nozzle	M6 x 0.75	8.3	235	8.1*	230	75	p. 46
1110SS-NPT	Stainless Steel - Type 316	Nano Super Air Nozzle	1/8 MNPT	8.3	235	8.1*	230	75	p. 46
1110-PEEK-NPT	PEEK (Plastic)	Nano Super Air Nozzle	1/8 MNPT	8.3	235	8.1*	230	75	p. 46
1001	Brass	Safety Air Nozzle	1/8 FNPT	10	283	9*	255	78	p. 48
1102	Zinc Aluminum alloy	Mini Super Air Nozzle	1/8 FNPT	10	283	9*	255	71	p. 47
1102-PEEK	PEEK (Plastic)	Mini Super Air Nozzle	1/8 FNPT	10	283	9*	255	71	p. 47
1102SS	Stainless Steel - Type 316	Mini Super Air Nozzle	1/8 FNPT	10	283	9*	255	71	p. 47
1103	Zinc Aluminum alloy	Mini Super Air Nozzle	1/8 FNPT	10	283	9*	255	71	p. 47
1103SS	Stainless Steel - Type 316	Mini Super Air Nozzle	1/8 MNPT	10	283	9*	255	71	p. 47
1126	Zinc Aluminum alloy	1" Flat Super Air Nozzle	1/8 FNPT	10.5	297	9.8*	278	75	p. 49
1126SS	Stainless Steel - Type 316	1" Flat Super Air Nozzle	1/8 FNPT	10.5	297	9.8*	278	75	p. 49
1010SS	Stainless Steel - Type 303	Micro Air Nozzle	1/8 MNPT	13	368	12*	340	80	p. 46
1009	Aluminum	Adjustable Air Nozzle	1/8 MNPT	13	368	12**	340	79	p. 48
1009SS	Stainless Steel - Type 303	Adjustable Air Nozzle	1/8 MNPT	13	368	12**	340	79	p. 48
1100	Zinc Aluminum alloy	Super Air Nozzle	1/4 FNPT	14	396	13*	368	74	p. 47
1100-PEEK	PEEK (Plastic)	Super Air Nozzle	1/4 FNPT	14	396	13*	368	74	p. 47
1100SS	Stainless Steel - Type 316	Super Air Nozzle	1/4 FNPT	14	396	13*	368	74	p. 47
1101	Zinc Aluminum alloy	Super Air Nozzle	1/4 MNPT	14	396	13*	368	74	p. 47
1101SS	Stainless Steel - Type 316	Super Air Nozzle	1/4 MNPT	14	396	13*	368	74	p. 47
1002	Brass	Safety Air Nozzle	1/4 FNPT	17	481	16*	453	80	p. 48
1002SS	Stainless Steel - Type 303	Safety Air Nozzle	1/4 FNPT	17	481	16*	453	80	p. 48
1003	Brass	Safety Air Nozzle	3/8 FNPT	18	509	18*	510	83	p. 48
6019	Brass	Adjustable Air Jet	1/8 MNPT	18	509	16***	453	83	p. 50
6013	Brass	High Velocity Air Jet	1/8 MNPT	22	622	20*	567	82	p. 50
1122	Zinc Aluminum alloy	2" Flat Super Air Nozzle	1/4 FNPT	22	622	22†	624	77	p. 49
1122SS	Stainless Steel - Type 316	2" Flat Super Air Nozzle	1/4 FNPT	22	622	22†	624	77	p. 49

For High Force Air Nozzles, see page 52.

\* Force measured at 12" (305mm) from target

\*\* Force measured at 12" (305mm) from target with a .008" (0.20mm) factory setting

\*\*\* Force measured at 12" (305mm) from target with a .006" (0.15mm) factory setting

All sound levels measured at 3 feet (914mm)

All measurements taken at 80 PSIG (5.5 BAR)

† Force measured at 12" (305mm) from target with a .015" (0.38mm) shim installed

FNPT = NPT Female

MNPT = NPT Male

## Atto Super Air Nozzles™



Model: **1108SS** M4 x 0.5

Material: Type 316 Stainless Steel

**NEW** Model: **1108-PEEK** M4 x 0.5

Material: PEEK (plastic)



Model: **1108SS-NPT** 1/8 NPT male

Material: Type 316 Stainless Steel

Model: **1108-PEEK-NPT** 1/8 NPT male

Material: PEEK (plastic) **NEW**

### Model 1108SS, 1108-PEEK, 1108SS-NPT, 1108-PEEK-NPT Atto Super Air Nozzle

EXAIR's Atto Super Air Nozzle delivers the smallest, most precise blowoff. The air pattern for this tiny nozzle is forceful, measuring 1.0" in diameter when positioned 6" away from the surface. The 58 dBA noise level is a fraction of ordinary air nozzles.

Air Consumption		Force*		Sound Level	
SCFM	SLPM	Ozs	Grams	dBA	
2.5	71	2.0	56.7	58	

\*Force measured at 12" (305mm) from target.  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)



## Pico Super Air Nozzles™



Model: **1109SS** M5 x 0.5

Material: Type 316 Stainless Steel

**NEW** Model: **1109-PEEK** M5 x 0.5

Material: PEEK (plastic)



Model: **1109SS-NPT** 1/8 NPT male

Material: Type 316 Stainless Steel

Model: **1109-PEEK-NPT** 1/8 NPT male

Material: PEEK (plastic) **NEW**

### Model 1109SS, 1109-PEEK, 1109SS-NPT, 1109-PEEK-NPT Pico Super Air Nozzle

EXAIR's Pico Super Air Nozzle delivers a precise blowoff with a highly focused, forceful blast of airflow. The narrowly focused air pattern measures 1.3" in diameter at 6" away from the surface. The noise level is only 68 dBA.

Air Consumption		Force*		Sound Level	
SCFM	SLPM	Ozs	Grams	dBA	
4.9	139	5.0	141.7	68	

\*Force measured at 12" (305mm) from target.  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

## Nano Super Air Nozzles™



Model: **1110SS** M6 x 0.75

Material: Type 316 Stainless Steel

Model: **1110-PEEK** M6 x 0.75

Material: PEEK (plastic)



Model: **1110SS-NPT** 1/8 NPT male

Material: Type 316 Stainless Steel

Model: **1110-PEEK-NPT** 1/8 NPT male

Material: PEEK (plastic) **NEW**

### Model 1110SS, 1110-PEEK, 1110SS-NPT, 1110-PEEK-NPT Nano Super Air Nozzle

EXAIR's Nano Super Air Nozzle delivers a highly focused, forceful blast of airflow. The air pattern for this small nozzle measures 1.5" in diameter at 6" away from the surface. The noise level is a low 75 dBA. Overall length measures only 0.78".

Air Consumption		Force*		Sound Level	
SCFM	SLPM	Ozs	Grams	dBA	
8.3	235	8.1	230	75	

\*Force measured at 12" (305mm) from target.  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)



## Micro Air Nozzle™



Model: **1010SS** 1/8 NPT male

Material: Type 303 Stainless Steel

### Model 1010SS Micro Air Nozzle

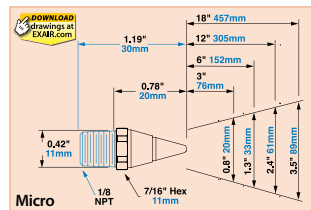
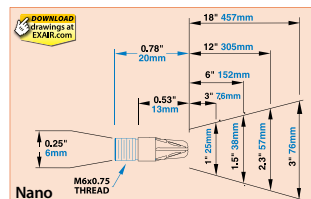
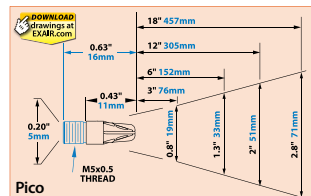
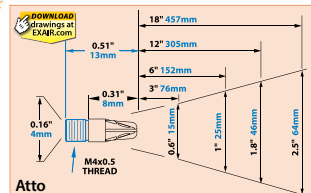
EXAIR's Micro Air Nozzle optimizes entrainment for a directed, high volume, high velocity airflow. The compact size permits mounting where space is limited. Sound level and air consumption are low.

Air Consumption		Force*		Sound Level	
SCFM	SLPM	Ozs	Grams	dBA	
13	368	12	340	80	

\*Force measured at 12" (305mm) from target.  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

The Air Nozzles and Jets shown on pages 46 – 50 deliver up to 22 ounces (624 grams) of force, making them suitable for most blowoff, drying and cooling applications. All models shown use a small amount of compressed air to entrain large volumes of surrounding room air. The award winning Super Air Nozzles have been engineered to provide the best performance with low sound levels and high efficiency.

## Dimensions and Airflow Patterns



Some applications require extremely high force with extensive reach. EXAIR's High Power Safety Air Nozzles, 1" and 2" High Power Flat Super Air Nozzles, Large Super Air Nozzles and Super Air Nozzle Clusters provide incredibly strong blowing force. They are ideal for part ejection as well as blowoff, cooling and drying applications. EXAIR has engineered Large Super Air Nozzles that put the blowing capability of multiple nozzles into one single air nozzle. Hard-hitting force is measured in pounds, not ounces. All meet OSHA noise level and pressure requirements.

## High Force Air Nozzles "Quick Pick" Comparison

High Force Air Nozzles Comparison (sorted by compressed air consumption)

Model	Material	Description	Inlet	Air Consumption at 80 PSIG (5.5 BAR)		Force		Sound Level dBA	More Details
				SCFM	SLPM	Lbs	Grams		
HP1126	Zinc Aluminum alloy	1" High Power Flat Super Air Nozzle	1/8 FNPT	17.5	495	1 <sup>†</sup>	462	82	p. 52
HP1126SS	Stainless Steel - Type 316	1" High Power Flat Super Air Nozzle	1/8 FNPT	17.5	495	1 <sup>†</sup>	462	82	p. 52
HP1002	Brass	High Power Safety Air Nozzle	1/4 FNPT	32	906	1.8*	792	87	p. 53
HP1002SS	Stainless Steel - Type 303	High Power Safety Air Nozzle	1/4 FNPT	32	906	1.8*	792	87	p. 53
1104	Zinc Aluminum alloy	Super Air Nozzle	3/8 FNPT	35	991	1.9*	850	82	p. 53
1104SS	Stainless Steel - Type 316	Super Air Nozzle	3/8 FNPT	35	991	1.9*	850	82	p. 53
1105	Zinc Aluminum alloy	Super Air Nozzle	3/8 MNPT	35	991	1.9*	850	82	p. 53
1105SS	Stainless Steel - Type 316	Super Air Nozzle	3/8 MNPT	35	991	1.9*	850	82	p. 53
HP1125	Zinc Aluminum alloy	2" High Power Flat Super Air Nozzle	1/4 FNPT	37	1,039	2.2 <sup>†</sup>	1,134	83	p. 53
HP1125SS	Stainless Steel - Type 316	2" High Power Flat Super Air Nozzle	1/4 FNPT	37	1,039	2.2 <sup>†</sup>	1,134	83	p. 53
1111-4	Zinc Aluminum alloy	Super Air Nozzle Cluster	3/8 FNPT	56	1,585	3.2*	1,451	82	p. 56
1106	Zinc Aluminum alloy	Super Air Nozzle	1/2 FNPT	60	1,699	3.3*	1,497	87	p. 54
1106SS	Stainless Steel - Type 316	Super Air Nozzle	1/2 FNPT	60	1,699	3.3*	1,497	87	p. 54
1107	Zinc Aluminum alloy	Super Air Nozzle	1/2 MNPT	60	1,699	3.3*	1,497	87	p. 54
1107SS	Stainless Steel - Type 316	Super Air Nozzle	1/2 MNPT	60	1,699	3.3*	1,497	87	p. 54
1112	Zinc Aluminum alloy	Super Air Nozzle	3/4 FNPT	91	2,577	4.5*	2,041	96	p. 54
1112SS	Stainless Steel - Type 316	Super Air Nozzle	3/4 FNPT	91	2,577	4.5*	2,041	96	p. 54
1113	Zinc Aluminum alloy	Super Air Nozzle	3/4 MNPT	91	2,577	4.5*	2,041	96	p. 54
1113SS	Stainless Steel - Type 316	Super Air Nozzle	3/4 MNPT	91	2,577	4.5*	2,041	96	p. 54
1111-7	Zinc Aluminum alloy	Super Air Nozzle Cluster	1/2 FNPT	98	2,773	5.7*	2,585	85	p. 56
1114	Zinc Aluminum alloy	Super Air Nozzle	1 FNPT	135	3,823	6.6*	3,005	99	p. 54
1114SS	Stainless Steel - Type 316	Super Air Nozzle	1 FNPT	135	3,823	6.6*	3,005	99	p. 54
1115	Zinc Aluminum alloy	Super Air Nozzle	1 MNPT	135	3,823	6.6*	3,005	99	p. 54
1115SS	Stainless Steel - Type 316	Super Air Nozzle	1 MNPT	135	3,823	6.6*	3,005	99	p. 54
1111-12	Zinc Aluminum alloy	Super Air Nozzle Cluster	1/4 FNPT	168	4,754	9.8*	4,445	89	p. 56
1116	Zinc Aluminum alloy	Super Air Nozzle	1-1/4 FNPT	188	5,324	9.4*	4,252	102	p. 55
1117	Zinc Aluminum alloy	Super Air Nozzle	1-1/4 MNPT	188	5,324	9.4*	4,252	102	p. 55
1118	Zinc Aluminum alloy	Super Air Nozzle	1-1/4 FNPT	300	8,495	15*	6,804	106	p. 55
1119	Zinc Aluminum alloy	Super Air Nozzle	1-1/4 MNPT	300	8,495	15*	6,804	106	p. 55
1120	Zinc Aluminum alloy	Super Air Nozzle	1-1/4 FNPT	460	13,026	23*	10,433	109	p. 55
1121	Zinc Aluminum alloy	Super Air Nozzle	1-1/4 MNPT	460	13,026	23*	10,433	109	p. 55

For Air Nozzles with lower force, see page 45.

\* Force measured at 12" (305mm) from target  
All sound levels measured at 3' feet (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

† Force measured at 12" (305mm) from target  
with a .025" (0.64mm) shim installed.

FNPT = NPT Female  
MNPT = NPT Male

### 1" High Power Flat Super Air Nozzles™



**Model HP1126** 1/8 NPT female  
Material: Zinc Aluminum alloy

**Model HP1126SS** 1/8 NPT female  
Material: Type 316 Stainless Steel

### Model HP1126 and HP1126SS

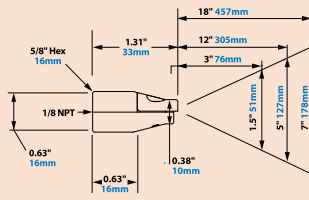
#### 1" High Power Flat Super Air Nozzles

EXAIR's new 1" High Power Flat Super Air Nozzles produce a flat 1" (25mm) wide airstream with a blowing force of 1 pound. The unique design of this super-efficient nozzle makes it an ideal fit for both tight spaces and tight budgets. It uses EXAIR's patented technology to maximize entrained airflow while reducing noise levels.

Air Consumption		Force*		Sound Level
SCFM	SLPM	Lbs	Grams	dBA
17.5	495	1	462	82

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)  
.025" (0.64mm) shim installed.

### Dimensions and Airflow Pattern



## Large Super Air Nozzles™



**Model 1106** 1/2 NPT female  
**Material:** Zinc Aluminum alloy

**Model 1106SS** 1/2 NPT female  
**Material:** Type 316 Stainless Steel



**Model 1107** 1/2 NPT male  
**Material:** Zinc Aluminum alloy

**Model 1107SS** 1/2 NPT male  
**Material:** Type 316 Stainless Steel

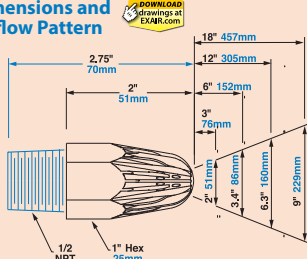
### Model 1106, 1106SS, 1107 and 1107SS 1/2 NPT Super Air Nozzles

EXAIR's 1/2 NPT Super Air Nozzles produce 3.3 lbs of blowing force – 4 times that of ordinary nozzles. Air consumption and noise are extremely low compared to that of open pipe or copper tubes.

Air Consumption		Force*		Sound Level
SCFM	SLPM	Lbs	Grams	dBA
60	1,699	3.3	1,497	87

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

### Dimensions and Airflow Pattern



**Model 1112** 3/4 NPT female  
**Material:** Zinc Aluminum alloy

**Model 1112SS** 3/4 NPT female  
**Material:** Type 316 Stainless Steel



**Model 1113** 3/4 NPT male  
**Material:** Zinc Aluminum alloy

**Model 1113SS** 3/4 NPT male  
**Material:** Type 316 Stainless Steel

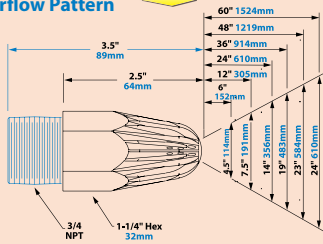
### Model 1112, 1112SS, 1113 and 1113SS 3/4 NPT Super Air Nozzles

EXAIR's Super Air Nozzles are now available in larger sizes where extreme force is required. The 3/4 NPT Super Air Nozzles produce 4.5 lbs of blowing force – over 5 times that of ordinary nozzles.

Air Consumption		Force*		Sound Level
SCFM	SLPM	Lbs	Grams	dBA
91	2,577	4.5	2,041	96

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)  
OSHA allows 3 hours of exposure per day without hearing protection.

### Dimensions and Airflow Pattern



**Model 1114** 1 NPT female  
**Material:** Zinc Aluminum alloy

**Model 1114SS** 1 NPT female  
**Material:** Type 316 Stainless Steel



**Model 1115** 1 NPT male  
**Material:** Zinc Aluminum alloy

**Model 1115SS** 1 NPT male  
**Material:** Type 316 Stainless Steel

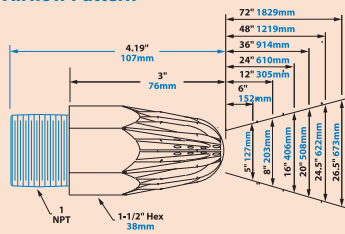
### Model 1114, 1114SS, 1115 and 1115SS 1 NPT Super Air Nozzles

EXAIR's 1 NPT Super Air Nozzles optimize entrained airflow across the nozzle surface to minimize the noise level while providing extremely strong blowing force. They produce 6.6 lbs of blowing force – over 8 times that of ordinary nozzles.

Air Consumption		Force*		Sound Level
SCFM	SLPM	Lbs	Grams	dBA
135	3,823	6.6	3,005	99

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)  
OSHA allows 2 hours of exposure per day without hearing protection.

### Dimensions and Airflow Pattern



## Large Super Air Nozzles™

### Model 1116 and 1117 1-1/4 NPT Super Air Nozzles

EXAIR's 1-1/4 NPT Super Air Nozzles provide exceptionally strong blowing force. They produce 9.4 lbs of blowing force – almost 12 times that of the standard Super Air Nozzle.



**Model 1116** 1-1/4 NPT female  
**Material:** Zinc Aluminum alloy

Air Consumption		Force*		Sound Level
SCFM	SLPM	Lbs	Grams	dBa
188	5,324	9.4	4,252	102

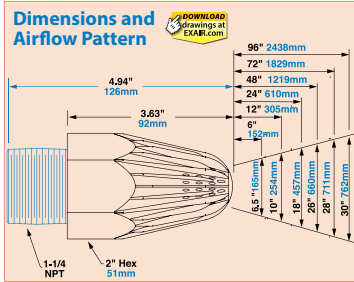
\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)  
OSHA allows 1 hour of exposure per day  
without hearing protection.



**Model 1117** 1-1/4 NPT male  
**Material:** Zinc Aluminum alloy



### Dimensions and Airflow Pattern



### Model 1118 and 1119 1-1/4 NPT Super Air Nozzles

These 1-1/4 NPT Super Air Nozzles have larger orifices than the Model 1116 / 1117 that provide additional air velocity. They generate 15 lbs of blowing force – almost 18 times that of the standard Super Air Nozzle.



**Model 1118** 1-1/4 NPT female  
**Material:** Zinc Aluminum alloy

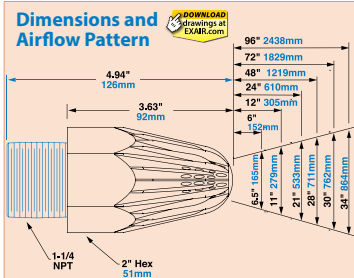
Air Consumption		Force*		Sound Level
SCFM	SLPM	Lbs	Grams	dBa
300	8,495	15	6,804	106

Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)  
OSHA allows 1/2 hour of exposure per day  
without hearing protection.



**Model 1119** 1-1/4 NPT male  
**Material:** Zinc Aluminum alloy

### Dimensions and Airflow Pattern



### Model 1120 and 1121 1-1/4 NPT Super Air Nozzles

These 1-1/4 NPT Super Air Nozzles have the largest orifices that provide additional air velocity, and generate the strongest blowing force of any single air nozzle. They produce 23 lbs of blowing force – almost 28 times that of the standard Super Air Nozzle.



**Model 1120** 1-1/4 NPT female  
**Material:** Zinc Aluminum alloy

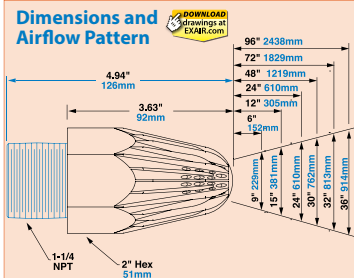
Air Consumption		Force*		Sound Level
SCFM	SLPM	Lbs	Grams	dBa
460	13,026	23	10,433	109

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)  
OSHA allows 1/2 hour of exposure per day  
without hearing protection.



**Model 1121** 1-1/4 NPT male  
**Material:** Zinc Aluminum alloy

### Dimensions and Airflow Pattern



## Super Air Nozzle Clusters

### Model 1111-4 Super Air Nozzle Cluster

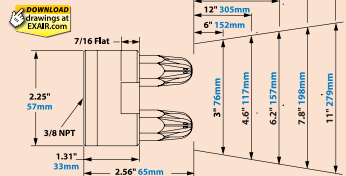


Air Consumption		Force*		Sound Level
SCFM	SLPM	Lbs	Grams	dBA
56	1,585	3.2	1,451	82

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

**Model 1111-4** 3/8 NPT female  
**Material:** Nozzles - Zinc Aluminum alloy  
Body - Aluminum

### Dimensions and Airflow Pattern



### Model 1111-7 Super Air Nozzle Cluster

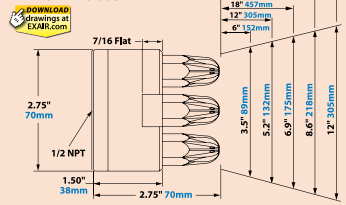


Air Consumption		Force*		Sound Level
SCFM	SLPM	Lbs	Grams	dBA
98	2,773	5.7	2,585	85

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

**Model 1111-7** 1/2 NPT female  
**Material:** Nozzles - Zinc Aluminum alloy  
Body - Aluminum

### Dimensions and Airflow Pattern



### Model 1111-12 Super Air Nozzle Cluster

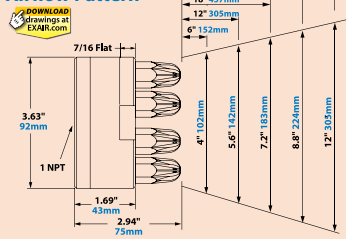


Air Consumption		Force*		Sound Level
SCFM	SLPM	Lbs	Grams	dBA
168	4,754	9.8	4,445	89

\* Force measured at 12" (305mm) from target  
Sound level measured at 3' (914mm)  
All measurements taken at 80 PSIG (5.5 BAR)

**Model 1111-12** 1 NPT female  
**Material:** Nozzles - Zinc Aluminum alloy  
Body - Aluminum

### Dimensions and Airflow Pattern

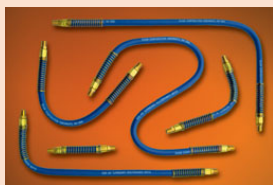


## Flexible Stay Set Hoses™

### Adding Flexibility

For applications where frequent repositioning of the Air Nozzle or Jet is required, the Flexible Stay Set Hoses™ are ideal. Simply mount the hose in close proximity to the application and bend it to aim the airstream at the target. Since the hose has "memory", it will not creep or bend. It always keeps the aim until physically moved to the next position.

Two versions of the Stay Set Hoses are available in a variety of lengths. The 1/4 MNPT x 1/4 MNPT has a 1/4 NPT male fitting on each end and the 1/4 MNPT x 1/8 FNPT has a 1/4 NPT male fitting on one end and 1/8 NPT female fitting on the other.



Flexible Stay Set Hoses bend and keep their aim until physically moved.