

# EXAIR®

MANUFACTURING INTELLIGENT COMPRESSED AIR PRODUCTS SINCE 1983



**COAT**



**CLEAN**



**CAUTION  
COOL**



**CONVEY**



**CONSERVE**

**32  
CATALOG**



**NEW** Soft Grip Super Air Scraper™ ..... pg. 103

**NEW** Hazardous Location Cabinet Cooler® Systems ..... pg. 199

YOU REQUESTED THIS CATALOG AND PRICE LIST.  
PLEASE SEE MAILING LABEL ON BACK COVER.



Stay up to date by visiting our website and take advantage of the information and services we didn't have room to display in this catalog.

# EXAIR.com®

The digital home of Intelligent Compressed Air® products for industry



### Where you can

- **Chat live** with our problem solving, technical expert Application Engineers
- **Watch product videos** to learn more about the features and benefits of our engineered products
- Quickly **order online** with a purchase order or credit card (US & Canada)
- **Access product presentation slides** you can use to educate others
- **Find International Distributors** all across the world



### Access our Knowledge Base to

- **Download 3D models** and CAD drawings in multiple formats to place into your drawings
- **Calculate air savings and ROI** to see how quickly EXAIR products will pay off
- Search our **Case Study Library & Applications database** and become familiar with how our products solve problems
- **Use our product FAQ's** for quick access to our most common questions
- Learn about our free **Efficiency Lab** service and use it to **determine air and money savings** you can achieve when installing EXAIR engineered solutions
- Collect compressed air data and pipe sizing recommendations
- **Find** Flow, Force and Heat conversions



### Visit our PDF library and download

- Electronic files of the **entire catalog** or individual sections
- **Installation and Maintenance Guides** on every EXAIR product
- Our current **price list** to have all product prices in one convenient location
- EXAIR's **Air Nozzle Blowoff Guide** to see the details on our enormous selection of sizes, materials and performance options



### Follow our blog for 5 new entries a week and learn

- Details and installations of widely varied applications
- The methodology and results of critical mathematical formulas which help determine money savings, air savings, performance benefits and more
- New product releases before they reach our catalog or website
- More about EXAIR, our team and community involvement
- **Go to** [blog.exair.com](http://blog.exair.com)



@EXAIR



### Make social connections

- Watch **over 90 videos** on EXAIR's YouTube Channel and see product features and benefits, applications, Tips & Tricks, How-to, our team members, or be entertained by Professor Penurious!
- **Follow our Company on Twitter @EXAIR** or our Application Engineers and learn more about promotions, updates on manufacturing, engineering and international industry perspective.



@EXAIR\_BF



@EXAIR\_CB



@EXAIR\_EK



@EXAIR\_JB



@EXAIR\_JS



@EXAIR\_NR



@EXAIR\_RB



@EXAIR\_TD

- **Connect with us on Facebook** at [facebook.com/exair](http://facebook.com/exair) or follow us on Instagram.

**Not on a PC? Our website is mobile friendly**

Terms and Conditions .....	4
Efficiency Lab .....	5
Standards Compliance.....	208

# 6



## EXAIR Optimization

Minimize compressed air use and detect wasteful leaks	
6 Steps to Optimization.....	6
Electronic Flow Control.....	7
Digital Flowmeter with wireless capability.....	10
Digital Flowmeter.....	12
Digital Sound Level Meter.....	15
Ultrasonic Leak Detector.....	16

# 18



## Air Knives

Blowoff, clean, dry and cool with less noise and air consumption	
Super Air Knife .....	18
Compare Blowoffs .....	21
Explanation of Materials.....	24
Universal Air Knife Mounting System.....	27
Plumbing Kits.....	27
Standard Air Knife.....	31
Full-Flow Air Knife.....	34

# 36



## Air Wipes

Blowoff, dry, clean and cool pipe, cable, extruded shapes and hose	
Super Air Wipes .....	36
Standard Air Wipes .....	40

# 42



## Air Amplifiers

Vent, exhaust, cool, dry and clean - with no moving parts	
Super Air Amplifiers.....	44
Adjustable Air Amplifiers .....	48

# 50



## Air Nozzles and Jets

Reduce noise levels and air costs on blowoff operations	
Air Nozzles.....	50
Air Nozzle Comparison Chart .....	52
Super Air Nozzles.....	53
Flat Super Air Nozzles .....	55
Super Air Scraper .....	55
Back Blow Air Nozzles .....	57
Safety Air Nozzles .....	58
Air Jets .....	59
High Force Air Nozzles.....	61
High Force Air Nozzle Comparison Chart .....	61
High Force Flat Super Air Nozzles .....	61
High Force Super Air Nozzles .....	62
Super Air Nozzle Clusters .....	65
Stay Set Hoses .....	65
Swivel Fittings .....	66
Blowoff Systems.....	67

# 68



## Atomizing Nozzles

All stainless steel construction for durability and corrosion resistance	
1/8 NPT Atomizing Nozzles .....	69
Internal Mix Narrow Angle Round Atomizing Nozzles.....	69
Internal Mix Wide Angle Round Atomizing Nozzles.....	70
Internal Mix Flat Fan Atomizing Nozzles.....	71
External Mix Narrow Angle Flat Fan Atomizing Nozzles.....	72
Siphon Fed Round Atomizing Nozzles .....	73
Siphon Fed Flat Fan Atomizing Nozzles .....	74
1/4 NPT Atomizing Nozzles .....	75
Internal Mix Narrow Angle Round Atomizing Nozzles.....	75
Internal Mix Wide Angle Round Atomizing Nozzles.....	76
Internal Mix Flat Fan Atomizing Nozzles .....	77
Internal Mix Deflected Flat Fan Atomizing Nozzles.....	78
Internal Mix 360° Hollow Circular Atomizing Nozzles.....	78
External Mix Round Atomizing Nozzles .....	79
External Mix Narrow Angle Flat Fan Atomizing Nozzles.....	80
External Mix Wide Angle Flat Fan Atomizing Nozzles.....	81

## Atomizing Nozzles continued

Siphon Fed Round Atomizing Nozzles .....	82
Siphon Fed Flat Fan Atomizing Nozzles .....	83
1/2 NPT Atomizing Nozzles .....	84
Internal Mix Narrow Angle Round Atomizing Nozzles.....	84
Internal Mix Wide Angle Round Atomizing Nozzles.....	85
Internal Mix Flat Fan Atomizing Nozzles .....	86
Internal Mix 360° Hollow Circular Atomizing Nozzles.....	87
External Mix Narrow Angle Flat Fan Atomizing Nozzles.....	88
Siphon Fed Round Atomizing Nozzles .....	89

# 90



## No Drip Atomizing Nozzles

Eliminate drips to conserve valuable liquids and improve product finishes.	
1/8 NPT No Drip Atomizing Nozzles .....	91
No Drip Internal Mix Narrow Angle Round Atomizing Nozzles.....	91
No Drip Internal Mix Wide Angle Round Atomizing Nozzles.....	91
No Drip Internal Mix Flat Fan Atomizing Nozzles.....	92
No Drip External Mix Narrow Angle Flat Fan Atomizing Nozzles.....	93
No Drip Siphon Fed Round Atomizing Nozzles .....	94
No Drip Siphon Fed Flat Fan Atomizing Nozzles .....	94
1/4 NPT No Drip Atomizing Nozzles .....	91
No Drip Internal Mix Narrow Angle Round Atomizing Nozzles.....	91
No Drip Internal Mix Wide Angle Round Atomizing Nozzles.....	91
No Drip Internal Mix Flat Fan Atomizing Nozzles.....	92
No Drip Internal Mix Deflected Flat Fan Atomizing Nozzles.....	92
No Drip Internal Mix 360° Hollow Circular Atomizing Nozzles.....	92
No Drip External Mix Round Atomizing Nozzles.....	93
No Drip External Mix Narrow Angle Flat Fan Atomizing Nozzle .....	93
No Drip External Mix Wide Angle Flat Fan Atomizing Nozzle .....	93
No Drip Siphon Fed Round Atomizing Nozzles .....	94
No Drip Siphon Fed Flat Fan Atomizing Nozzles .....	94
1/2 NPT No Drip Atomizing Nozzles .....	91
No Drip Internal Mix Narrow Angle Round Atomizing Nozzles.....	91
No Drip Internal Mix Wide Angle Round Atomizing Nozzles.....	91
No Drip Internal Mix Flat Fan Atomizing Nozzles .....	92
No Drip Internal Mix 360° Hollow Circular Atomizing Nozzles.....	92
No Drip External Mix Narrow Angle Flat Fan Atomizing Nozzles.....	92
No Drip External Mix Wide Angle Flat Fan Atomizing Nozzles.....	92
No Drip Siphon Fed Round Atomizing Nozzles .....	94
No Drip Siphon Fed Flat Fan Atomizing Nozzles .....	94
Droplet Size/Spray Angle Information .....	95

## 96



### Safety Air Guns

Safety air guns use engineered air nozzles for high performance

Chip Shields	97
VariBlast <sup>®</sup> Precision Safety Air Guns	98
Soft Grip Safety Air Guns	100
 Soft Grip Super Air Scraper	103
Heavy Duty Safety Air Guns	104
Back Blow Safety Air Guns	105
Super Blast Safety Air Guns	106

## 108



### Gen4 Static Eliminators

Eliminate static electricity, dust and shock hazard

Gen4 <sup>®</sup> Super Ion Air Knife	110
Static Meter	112
Gen4 <sup>®</sup> Standard Ion Air Knife	116
Gen4 <sup>®</sup> Ionizing Bars	118
Gen4 <sup>®</sup> Super Ion Air Wipes	120
Gen4 <sup>®</sup> Ion Air Cannon	122
Gen4 <sup>®</sup> Ion Air Gun	124
Gen4 <sup>®</sup> Ion Air Jet/Gen4 Stay Set Ion Air Jet	126
Gen4 <sup>®</sup> Ionizing Point	128
Gen4 <sup>®</sup> Power Supplies	129

## 130



### E-Vac<sup>®</sup> Vacuum Generators

Vacuums for lifting, clamping, mounting and placement

How to Build an E-Vac System	131
In-Line	132
Adjustable	135
Vacuum Cups	137

## 141



### Air Operated Conveyors

Convey parts, materials and waste - with no moving parts

Line Vac	141
Threaded Line Vac	147
Heavy Duty Line Vac	150
Sanitary Flange Line Vac	152
Light Duty Line Vac	154

## 156



### Industrial Housekeeping

Reliable vacuums for chip removal, liquid transfer and cleaning

Reversible Drum Vac	156
High Lift Reversible Drum Vac	158
Chip Trapper	160
High Lift Chip Trapper	162
Chip Vac	164
Heavy Duty Dry Vac	166
Heavy Duty HEPA Vac	168
Vac-u-Gun	170

## 172



### Vortex Tubes & Spot Cooling

Cold air for industrial spot cooling problems

Vortex Tubes	172
Adjustable Spot Cooler	180
Mini Cooler	183

## 184



### Cold Gun Aircoolant Systems


Cool machining operations with clean, cold air

## 188



### Cabinet Cooler<sup>®</sup> Systems

Cool and purge NEMA 12, 4 and 4X electrical control panels

How it Works	189
Selecting the Right Model	189
Special Duty Cabinet Coolers	190
Calculating Heat Load	192
Cabinet Cooler Sizing Guide	193
NEMA 12 Models	195
NEMA 4 Models	196
NEMA 4X Models	197
Cabinet Cooler System Accessories	198
 Hazardous Location Cabinet Coolers	199

## 201



### Accessories

Mufflers, filters, regulators, valves, swivel fittings and more

Filters	201
Regulators	202
Silencing Mufflers	203
Valves, Swivels, Thermostats	205
Magnetic Bases, Stay Sets, Hoses	206
Air Hoses	206
Fittings	207
Receiver Tank	207

ORDER BY  
**2 PM**  
SHIPS SAME DAY

Catalog item orders received before 2 pm EDT/EST are generally shipped from Cincinnati, Ohio on the same day. You can expect delivery within 1-4 days depending on your location.

# Terms and Conditions (U.S. and Canada Only)

**Terms:** Net 30 days upon credit approval, Visa, MasterCard, Discover and American Express.



**ICC (International Chamber of Commerce) INCOTERM 2010:** EX WORKS (EXAIR Corporation, 11510 Goldcoast Dr., Cincinnati, Ohio 45249, USA.)

**Delivery:** All cataloged products are shipped from stock, via U.P.S. within 24 hours after receipt of order. Priority shipment is available upon request.

**Ordering:** Call 1-800-903-9247 or +1-513-671-3322 Worldwide 7:00 a.m. to 4:00 p.m. ET (Mon. - Fri.)  
 Fax toll free 1-866-329-3924 or Worldwide +1-513-671-336  
 E-mail: orders@exair.com Secure website: www.exair.com

**Remit to address (payments only):** EXAIR Corporation Location 00766, Cincinnati, Ohio 45264-0766

**Tax:** Sales and use tax, where applicable, are not included.

**Technical Assistance:** Please call our Application Engineering Department, 1-800-90-EXAIR (1-800-903-9247) e-mail at techelp@exair.com.



**Warranty:**

\*5 Year Warranty applies to compressed air products only.  
 A 1 Year Warranty applies to all accessories and electrically powered products.

5 Year "Built to Last" Warranty against defects in workmanship and materials on all compressed air products\*. Defective products must be returned freight prepaid for repair or replacement at our option. This warranty applies under conditions of normal use, but does not apply to defects that result from intentional damage, negligence, unreasonable use, wear or exposure.

**EXAIR's Unconditional Guarantee:** Extends to all U.S. and Canadian customers and includes invoiced U.P.S. Ground Service shipping charges. Products returned after the 30 day guarantee period are subject to a 15% restocking charge. Products must be returned freight prepaid.



**Copyright Restrictions:** The content of the EXAIR Catalog, including all photos, graphics, drawings and arrangements are proprietary to EXAIR Corporation and are protected by the United States and international copyright and trademark laws. You are authorized to use the contents of the EXAIR Catalog for personal use or as it relates to your role as a current or prospective customer of EXAIR. The contents of this catalog may not be copied or modified for any type of publication or distribution without the prior written consent of EXAIR Corporation. The content of the EXAIR Catalog is the intellectual property solely of the EXAIR Corporation with no rights transferred to other parties. No part of this catalog may be reproduced for any commercial purposes without the express authorization in writing by the EXAIR Corporation.

**Trademarks:** "EXAIR.com", "EXAIR", "Cabinet Cooler", "E-Vac", "Intelligent Compressed Air", "VariBlast", "Gen4" and "Compressed Air Intelligence" are registered trademarks of the EXAIR Corporation. The EXAIR logo, product names, designs and descriptive phrases are trademarked by EXAIR Corporation. These trademarks may not be used without prior written permission of the EXAIR Corporation.



11510 Goldcoast Dr.  
 Cincinnati, Ohio 45249-1621  
**Phone Number:** (513) 671-3322  
**Fax Number:** (513) 671-3363  
**E-mail:** techelp@exair.com  
**Web Site:** www.exair.com



Intelligent Compressed Air® products are identified throughout this catalog that can help your plant save tens of thousands of dollars over the course of a single year. *The Best Practices for*

*Compressed Air Systems* manual published by the Compressed

Air Challenge® recommends products like the Super Air Knife™, Super Air Amplifier™, and the Family of Super Air Nozzles™ for energy conservation. Many of the products shown offer unique ways to solve common industrial problems using compressed air. Compressed Air Challenge is a registered trademark of Compressed Air Challenge, Inc.



EXAIR has partnered with Energy Star, a voluntary program of the U.S. Department of Energy and the Environmental Protection Agency. Energy Star offers energy efficient solutions to help save money while protecting the environment for future generations. EXAIR has implemented improved energy management practices and technologies throughout our facility, including energy efficient lighting, HVAC systems, and electronic thermostats. EXAIR's participation in this program underscores our commitment to conserving energy.

EXAIR products are subject to ongoing development. Specifications are subject to change without notice.

Some products in this catalog are covered by U.S. Patent #5402938, #8153001, #8268179, and #9156045, and others may be U.S. Patent Pending.

Copyright ©2018 EXAIR Corporation. All Rights Reserved.



# EXAIR®

## EFFICIENCYLAB™



## EXAIR's Intelligent Compressed Air® products vs Your current installation

### How does the Efficiency Lab work?

Our Efficiency Lab service begins with receiving a sample of the product(s) you currently use for your application. One of our qualified Application Engineers will use calibrated testing equipment to compare the performance of your existing product(s) to an EXAIR engineered solution. These tests will determine air consumption, noise levels and force. The test results will then be published in a comprehensive report, which includes a cost savings analysis, and be provided to you. For most applications, EXAIR products can help you improve application efficiency AND typically pay for themselves in a matter of weeks.

### How can I get a product tested for free?

To participate in our FREE Efficiency Lab please contact one of our Application Engineers and get the details about sending us your product(s).

You may reach an Application Engineer by phone at (800) 903-9247 or (513) 671-3322. You can send an email to [lab@exair.com](mailto:lab@exair.com) or visit our website and take advantage of our live help at [www.exair.com](http://www.exair.com).

EXAIR's FREE Efficiency Lab service determines how much air and dollar savings you will achieve by installing one of our Intelligent Compressed Air products.

### Unable to send your product to EXAIR's Efficiency Lab?

If it is not possible to send us your product, we have a one page Product Efficiency Survey on our website ([www.exair.com/labdoc.htm](http://www.exair.com/labdoc.htm)) where you can provide us the details about a current inefficient compressed air application. Fill in the information and click submit. You will hear from one of our Application Engineers within 3 business days.

### Okay, so what is the fine print?

This service is available to all customers in the U.S. and Canada only. Some restrictions may apply.

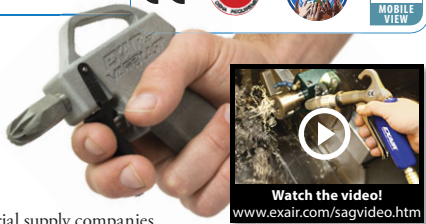
### What about confidentiality?

Yes, EXAIR will keep the results of our Efficiency Lab test and report confidential unless given permission to share that information with others.

Products must be shipped to EXAIR freight prepaid. EXAIR will pay the return shipping via UPS ground.

## 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 level 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 five Safety Air Guns. The VariBlast® Precision and Compact, 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 50-67.



**VariBlast® Precision Safety Air Gun** is extremely lightweight and the most comfortable to operate during long periods of extended use. It features a variable trigger valve which produces varying force levels depending on how much the trigger is activated. The small diameter nozzle and extension will fit into tight spaces while providing strong blowing force. Chip Shields and Extension Pipes are available.



**VariBlast® Compact Safety Air Gun** is a uniquely powerful gun which produces variable force depending on trigger activation. You decide how much force is needed for the application by squeezing the trigger a little or all the way for maximum force! This cast aluminum gun is equipped with any of our 1/8 NPT engineered air nozzles. The VariBlast Compact Safety Air Gun is small, comfortable and powerful while remaining light and ergonomic. Has two inlets for flexible air supply options. Extension Pipes for hard to reach areas 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 durable polycarbonate shields that protect 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 VariBlast 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.

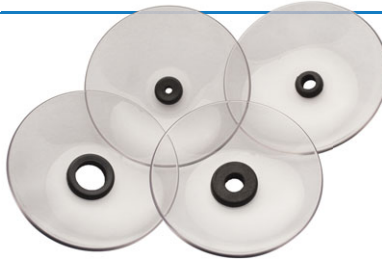
### How to Order the EXAIR Chip Shield.

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.



Model 181055-CS shown



Model 169655-CS shown

Safety Air Guns



Model 136055-CS shown

### 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	180855, 1808-PEEK, 180955, 1809-PEEK, 181055, 1810-PEEK
901221	1229, 1229S5, HP1229, HP1229S5, 128055, 1290, 1290S5, 129655, 1296-PEEK, 1297S5, 1297-PEEK, 1298S5, 1298-PEEK, 1299, 1299S5, 1299-PEEK, 169655, 1696-PEEK, 1697S5, 1697-PEEK, 1698S5, 1698-PEEK, 1699, 1699-PEEK, 1699S5, 1629, 1629S5, 168055, 1690, 1690S5, HP1629, HP1629S5
901222	1210, 1210S5, 1210-PEEK, 1230, 1230S5, HP1230, HP1230S5, 1310, 1310S5, 1310-PEEK, 1330, 1330S5, HP1330, HP1330S5
901223	1240, 1250, 1250S5, 1250-PEEK, 1260, 1260S5, 1340, 1350, 1350S5, 1350-PEEK, 1360, 1360S5

### 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, 1229S5, HP1229, HP1229S5, 128055, 1290, 1290S5, 129655, 1296-PEEK, 1297S5, 1297-PEEK, 1298S5, 1298-PEEK, 1299, 1299S5, 1299-PEEK, 169655, 1696-PEEK, 1697S5, 1697-PEEK, 1698S5, 1698-PEEK, 1699, 1699-PEEK, 1699S5, 1629, 1629S5, 168055, 1690, 1690S5, HP1629, HP1629S5
901232	1210, 1210S5, 1210-PEEK, 1230, 1230S5, HP1230, HP1230S5, 1310, 1310S5, 1310-PEEK, 1330, 1330S5, HP1330, HP1330S5
901233	1240, 1250, 1250S5, 1250-PEEK, 1340, 1350, 1350S5, 1350-PEEK
901234	1260, 1260S5, 1360, 1360S5



Model 1299-6-CS shown



**VARI-BLAST® Precision Safety Air Gun - 1/4 NPT Inlet**

EXAIR's VariBlast® Precision Safety Air Guns are extremely lightweight and have a focused blast of air that provides remarkable cleaning capability. Designed with a variable flow trigger, the air flow is easily adjustable and able to produce a range of different force values. It comes equipped with a small diameter nozzle and extension that easily fits into tight spaces and delivers a pinpoint, but powerful blast. Two other extension lengths are available.

The VariBlast Precision Safety Air Gun is available with EXAIR's Atto, Pico and Nano Air Nozzles, which are engineered to maximize entrainment of ambient air, while minimizing air consumption and noise. The airflow that exits the nozzle can't be blocked, assuring safe operation and meeting required OSHA standards 1910.242(b). The VariBlast also boasts a 58 to 75 dBA noise level (depending on the nozzle installed) which is well below the limits of OSHA standard 29 CFR 1910.95(a) for maximum allowable noise exposure.

These intelligent nozzles come in either Type 316 stainless steel for superior corrosion resistance or PEEK plastic for non-marring applications and increased chemical resistance. The air gun body is made of high impact, glass reinforced nylon and all models are available with an impact resistant polycarbonate Chip Shield. Extension material is Type 316 stainless steel. The VariBlast is also fashioned with 1/4 NPT inlet for easy hook up to your compressed air supply.



Chip Shield

Easy storage hanger.

The VariBlast Precision Safety Air Gun is easily configurable with EXAIR Nozzles, Extension Pipes and Chip Shields

Model shown here: **1810SS-CS**

Durable, ergonomic grip for comfort

Air flow is easily adjustable with user friendly trigger

1/4 NPT Air inlet

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

Model# 1810 + -CS = 1810SS-CS

**Example:**  
1810SS (VariBlast Precision Safety Air Gun)  
+ -CS (Chip Shield)  
**1810SS -CS**

**Type 316 Stainless Steel Extension Pipe**

All VariBlast Precision Safety Air Guns with Extension Pipes come fully assembled.

Model Addition #	Length
-12	12" (305mm)
-20	20" (508mm)

**Add An Extension Pipe**

Add an Extension Pipe to your VariBlast Precision Safety Air Gun. Here's how:

1. Choose an EXAIR VariBlast Precision Safety Air Gun. **Example:** Model 1808SS
2. To add an Extension Pipe, create the model number by adding a dash and number of the appropriate length after the model of the VariBlast Precision Safety Air Gun. **Example:** The Model 1808SS VariBlast Precision Safety Air Gun with a 12" (305mm) Extension Pipe is a Model 1808SS-12.

**Model 1808SS VariBlast Precision Safety Air Gun**

**Nozzle:** 1108SS Stainless Steel Atto Super Air Nozzle

**Also Available:** 1808-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 1809SS VariBlast Precision Safety Air Gun**

**Nozzle:** 1109SS Stainless Steel Pico Super Air Nozzle

**Also Available:** 1809-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 1810SS VariBlast Precision Safety Air Gun**

**Nozzle:** 1110SS Stainless Steel Nano Super Air Nozzle

**Also Available:** 1810-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

Use Model 900750 Coiled Hose



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

## VARI-BLAST® Compact Safety Air Gun - 1/4 NPT Inlet

EXAIR's VariBlast Compact Safety Air Guns are small and lightweight air guns capable of handling tough jobs. Designed with a variable flow trigger they are able to produce different force values from the same nozzle simply by pulling the trigger. These air guns can be outfitted with all of EXAIR's 1/8 NPT engineered air nozzles and extensions are available up to 72" long.

The wide variety of intelligent compressed air nozzles installed on the VariBlast Compact Safety Air Gun make it a great selection for light to medium duty applications requiring force values of up to 1 pound while remaining among the most efficient air guns in EXAIR's product line. EXAIR Super Air Nozzles are engineered to maximize entrainment of ambient air while minimizing air consumption and noise. Safe operation is assured since airflow that exits the nozzle cannot be blocked, OSHA standard 1910.242(b).

The 58 to 82 dBA noise level is well below the limits of the OSHA maximum noise exposure standard 29 CFR 1910.95(a).

Engineered air nozzles are available in Type 316 stainless steel for superior corrosion resistance and mechanical wear, Type 303SS for corrosion resistance, PEEK thermo-plastic for nonmarring and chemical resistance or a zinc/aluminum alloy for general purpose applications. The air gun body is cast aluminum and has two 1/4 NPT air inlets to ensure ergonomic handling. All models are available with an impact resistant polycarbonate Chip Shield.

The VariBlast Compact Safety Air Gun is easily configurable with EXAIR Nozzles, Extension Pipes and Chip Shields

Chip Shield

Easy storage hanger

Model shown here:  
**1699SS-CS**

Air flow is easily adjustable with user friendly trigger

Durable, ergonomic grip for comfort

Dual 1/4 NPT Air inlets



The Model 1699-CS removes chips and coolant from a machined part.



**Model 1699**  
**VariBlast Compact Safety Air Gun**  
Nozzle: 1103 Mini Super Air Nozzle

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



**Model 1699SS**  
**VariBlast Compact Safety Air Gun**  
Nozzle: 1103SS Stainless Steel Mini Super Air Nozzle

The Model 1699SS uses the stainless steel Super Air Nozzle constructed of Type 316 stainless steel for rugged use and corrosion resistance.

**Model 1699-PEEK**  
**VariBlast Compact Safety Air Gun**  
Nozzle: 1102-PEEK Plastic Mini Super Air Nozzle

The Model 1699-PEEK uses the PEEK Super Air Nozzle for non-marring and chemical resistance.

# VARI-BLAST® Compact Safety Air Guns

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



**Model 1696SS**  
**VariBlast Compact Safety Air Gun**  
**Nozzle:** 1108SS Stainless Steel Atto Super Air Nozzle  
**Also Available:** 1696-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 1697SS**  
**VariBlast Compact Safety Air Gun**  
**Nozzle:** 1109SS Stainless Steel Pico Super Air Nozzle  
**Also Available:** 1697-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 1698SS**  
**VariBlast Compact Safety Air Gun**  
**Nozzle:** 1110SS Stainless Steel Nano Super Air Nozzle  
**Also Available:** 1698-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 1629**  
**VariBlast Compact Safety Air Gun**  
**Nozzle:** 1126 1" Flat Super Air Nozzle  
**Also Available:** 1629SS with 1126SS Stainless Steel 1" Flat Super Air Nozzle  
 ⚙️ .015" (0.38mm) shim installed

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



Flat air pattern



**Model 1680SS**  
**VariBlast Compact Safety Air Gun**  
**Nozzle:** 1010SS Micro Super Air Nozzle

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



Safety Air Guns



**Model 1690**  
**VariBlast Compact Safety Air Gun**  
**Nozzle:** 1009 Adjustable Air Nozzle  
**Also Available:** 1690SS with 1009SS Stainless Steel Adjustable Air Nozzle

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



**Model HP1629**  
**VariBlast Compact Safety Air Gun**  
**Nozzle:** HP1126 1" High Power Flat Super Air Nozzle  
**Also Available:** HP1629SS with HP1126SS Stainless Steel 1" High Power Flat Super Air Nozzle  
 ⚙️ .025" (0.64mm) shim installed

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
17.5	495	16	454	82



Flat air pattern



**Model 1604SS-6-CS**  
**VariBlast Compact Back Blow Safety Air Gun, 6" extension**  
**Nozzle:** 1004SS Stainless Steel Back Blow Air Nozzle  
**Also Available:** Models 1604SS-12-CS (12" ext.), 1604SS-24-CS (24" ext.), 1604SS-36-CS (36" ext.), with 1004SS Stainless Steel Back Blow Air Nozzle, Aluminum Extension and Chip Shield

Air Consumption		Sound Level	Use With:
SCFM	SLPM	dBA	Inside Diameter
4.5	127	75	1/4"-1" (6.3-25.4mm)



## Add an Extension Pipe

Add an Extension Pipe to your VariBlast Compact Safety Air Gun. Here's how:

1. Choose an EXAIR VariBlast Compact Safety Air Gun.  
**Example:** Model 1699
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 VariBlast Compact Safety Air Gun.  
**Example:** The Model 1699 VariBlast Compact Safety Air Gun with a 12" (305mm) Aluminum Extension Pipe is a Model 1699-12.

### Aluminum Extension Pipe

All VariBlast Compact 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)

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

**Example:**  
 1699 (VariBlast Compact Safety Air Gun)  
 + -CS (Chip Shield)  
**1699-CS**

# Soft Grip Safety Air Guns

## Soft Grip Safety Air Gun - 1/4 NPT Inlet

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.

The Soft Grip Safety Air Gun is easily configurable with EXAIR Nozzles, Extension Pipes, Stay Set Hoses, and Chip Shields

Model shown here:  
**1210-PEEK-CS**

Air flow is activated with comfortable trigger

Model 1210-CS keeps a drilling process free of machined spirals.

Soft ergonomic grip for comfort

1/4 NPT Air Inlet



**TOP PICK**

**Model 1210  
SG Safety Air Gun**

Nozzle: 1100T Super Air Nozzle

SCFM	SLPM	Ozs	Grams	dBA
14	396	13	368	74



**Model 1210SS  
SG Safety Air Gun**

Nozzle: 1100SST Super Air Nozzle

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



**Model 1210-PEEK  
SG Safety Air Gun**

Nozzle: 1100T-PEEK Super Air Nozzle

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

# Soft Grip Safety Air Guns



## 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	9.0	255	71



Flat air pattern

## Model 1229 SG Safety Air Gun

**Nozzle:** 1126 1" Flat Super Air Nozzle  
**Also Available:** 1229SS with 1126SS  
 Stainless Steel 1" Flat Super Air Nozzle  
 .015" (0.38mm) shim installed

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



## Model 1290 SG Safety Air Gun

**Nozzle:** 1009 Adjustable Air Nozzle  
**Also Available:** 1290SS with 1009SS  
 Stainless Steel Adjustable Air Nozzle

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



## Model 1280SS SG Safety Air Gun

**Nozzle:** 1010SS Micro Air Nozzle

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



Flat air pattern

## 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  
 .025" (0.64mm) shim installed

Air Consumption		Force*		Sound Level
SCFM	SLPM	Ozs	Grams	dBA
17.5	495	16	454	82



Flat air pattern

## 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  
 .015" (0.38mm) shim installed

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



A Model 1210-12 blows coolant and metal chips off the mating surface of a CNC lathe turret.

# Soft Grip Safety Air Guns

## 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

**1250-PEEK** with 1104-PEEK 3/8 NPT PEEK Plastic Super Air Nozzle



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

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" High Power Flat Super Air Nozzle

**Also Available:** HP1230SS with HP1125SS

Stainless Steel 2" High Power Flat Super Air Nozzle  
.025" (0.64mm) shim installed



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

## 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	

## Model 120455-6-CS

### SG Back Blow Safety Air Gun

**Nozzle:** 100455 Stainless Steel Back Blow Air Nozzle, Aluminum Extension and Chin Shield



Air Consumption		Sound Level		Use With:	
SCFM	SLPM	dBa		Inside Diameter	
4.5	127	75		1/4" - 1" (6.3-25.4mm)	

The Model 120655-6-CS Back Blow Safety Air Gun removes chips from the inside of a machined part.

## Model 120655-6-CS

### SG Back Blow Safety Air Gun

**Nozzle:** 100655 Stainless Steel Back Blow Air Nozzle, Aluminum Extension and Chip Shield



Air Consumption		Sound Level		Use With:	
SCFM	SLPM	dBa		Inside Diameter	
22	622	80		7/8" - 4" (22-102mm)	

## 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 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 to the right)

**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 to the far right)

**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 Aluminum 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, 1260, 120455 and 120655 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**



# Soft Grip Super Air Scraper



## Soft Grip Super Air Scraper™

EXAIR's Soft Grip Super Air Scraper is a safety air gun designed to help remove the most stubborn debris found within industrial facilities. The patented design uses a scraping blade to assist the powerful compressed air flow removal of debris. This product is perfect for removal of caulk, gaskets, sealant, adhesives, tape, paint, stickers, labels, grease, lubricant and difficult to sweep metal chips, flakes or discs. It will help keep your machining tables, sub plate and assembly stations clean and functional.

The corrosion resistant steel scraper is attached to a 2" Flat Super Air Nozzle and a 3/4" extension to provide the strength and durability necessary for many of your toughest cleaning and house-keeping challenges. Extensions for the Soft Grip Super Air Scraper are available from 6"-72" long to aid in cleaning table tops, inside machines, reaching the floor or other remote surfaces. Chip shields are also available.

†Patent #10,779,698

Model shown here:  
**1244-36**

1/4 NPT Air Inlet

Easy storage hanger

Soft, ergonomic grips for comfort

Strong and durable 3/4" extension, 36" in length.

EXAIR's patented design utilizes the 2" Super Air Scraper.



**Model 1244**  
**Soft Grip**  
**Super Air Scraper**  
Nozzle: 1144 1/4 NPT  
2" Super Air Scraper.

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



Use Model 900750 Coiled Hose

### Soft Grip Super Air Scraper Accessories

Model	Description
1144	Super Air Scraper replacement nozzle (performance details on page 55)
902007	Replacement scraper blade only
901223	Chip Shield for 3/4" extension
113255	2" Flat Super Air Nozzle Shim Set



The Model 1244-36 scrapes and blows old tape off a concrete floor.

## Add An Extension Pipe

Add an Extension Pipe to your Soft Grip Super Air Scraper. Here's how:

1. Choose an EXAIR Soft Grip Super Air Scraper.  
**Example:** Model 1244
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 Super Air Scraper.

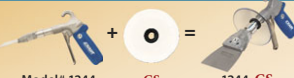
**Example:** The Model 1244 Soft Grip Super Air Scraper with a 36" (914mm) Aluminum Extension Pipe is a Model 1244-36.

### Aluminum Extension Pipe

All Soft Grip Super Air Scrapers 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)

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



**Example:**  
1244 (Soft Grip Super Air Scraper)  
+ -CS (Chip Shield)

**1244-CS**

## Heavy Duty Safety Air Gun - 3/8 NPT Inlet

### Model 1310 Heavy Duty Safety Air Gun

Nozzle: 1100T Super Air Nozzle



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

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 131055 HD Safety Air Gun

Nozzle: 110055T Super Air Nozzle

Type 316 Stainless Steel Super Air Nozzle for rugged use and corrosion resistance.



### Model 1310-PEEK HD Safety Air Gun

Nozzle: 1100T-PEEK Super Air Nozzle

PEEK Super Air Nozzle for non-marring and chemical resistance.



### Model 1330 HD Safety Air Gun

Nozzle: 1122 2" Flat Super Air Nozzle  
Also Available: 133055 with 11225S Stainless Steel 2" Flat Super Air Nozzle  
.015" (0.38mm) shim installed

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



### Model 1350 HD Safety Air Gun

Nozzle: 1104 3/8 NPT Super Air Nozzle  
Also Available: 135055 with 11045S 3/8 NPT Stainless Steel Super Air Nozzle  
1350-PEEK with 1104-PEEK 3/8 NPT PEEK Plastic 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: HP133055 with HP11255S Stainless Steel 2" High Power Flat Super Air Nozzle  
.025" (0.64mm) shim installed

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



### 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: 136055 with 11065S 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

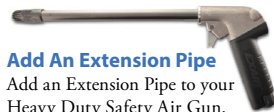


### Model 1306SS-X-CS HD Back Blow Safety Air Gun

Nozzle: 10065S Stainless Steel Back Blow Air Nozzle, Aluminum Extension, and Chip Shield

Air Consumption	Sound Level	Use With:
SCFM	SLPM	dBA
22	622	80
		Inside Diameter
		7/8"-4" (22-102mm)

\*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

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 97 for available models



## Back Blow Safety Air Guns - 1/4, 3/8 and 1 NPT Inlet

Back Blow Safety Air Guns are perfect for cleaning out the inside of pipe, tube, hose or channels. EXAIR's engineered back blow nozzle provides a powerful 360 degree airflow through an array of holes to remove coolant, chips or debris. Available in our VariBlast, Soft Grip, Heavy Duty or Super Blast version, each gun style can be outfitted with an up to 72" extension to reach far into your application and provide airflow. VariBlast, Soft Grip and Heavy Duty Back Blow Safety Air Guns are outfitted with a Chip Shield to protect the operator from flying debris. Since airflow is directed back toward the operator, personal protection equipment is recommended.

### Model 160455-X-CS VariBlast Compact Back Blow Safety Air Gun



The **VariBlast Compact Back Blow Safety Air Gun** has dual 1/4 NPT inlets and provides a variable force trigger on a small, powerful and ergonomic air gun.

Model	Air Consumption		Sound Level dBA	Use With: Inside Diameter
	SCFM	SLPM		
160455	4.5	127	75	1/4"-1" (6.3-25.4mm)

**Nozzle:**  
10045S Stainless Steel Back Blow Air Nozzle, Aluminum Extension and Chip Shield

Model	Description	Model	Description
160455-6-CS	VariBlast, 6" Extension, Chip Shield	160455-24-CS	VariBlast, 24" Extension, Chip Shield
160455-12-CS	VariBlast, 12" Extension, Chip Shield	160455-36-CS	VariBlast, 36" Extension, Chip Shield

### Model 120455-X-CS Soft Grip Back Blow Safety Air Gun



The **Soft Grip Back Blow Safety Air Gun** provides an ergonomic design with a 1/4 NPT inlet and a full grip trigger which is ideal for hours of continuous operation without fatigue.

Model	Air Consumption		Sound Level dBA	Use With: Inside Diameter
	SCFM	SLPM		
120455	4.5	127	75	1/4"-1" (6.3-25.4mm)

**Nozzle:**  
10045S Stainless Steel Back Blow Air Nozzle, Aluminum Extension and Chip Shield

Model	Description	Model	Description
120455-6-CS	Soft Grip, 6" Extension, Chip Shield	120455-24-CS	Soft Grip, 24" Extension, Chip Shield
120455-12-CS	Soft Grip, 12" Extension, Chip Shield	120455-36-CS	Soft Grip, 36" Extension, Chip Shield

### Model 120655-X-CS Soft Grip Back Blow Safety Air Gun



The **Soft Grip Back Blow Safety Air Gun** provides an ergonomic design with a 1/4 NPT inlet and a full grip trigger which is ideal for hours of continuous operation without fatigue.

Model	Air Consumption		Sound Level dBA	Use With: Inside Diameter
	SCFM	SLPM		
120655	22	622	80	7/8"-4" (22-102mm)

**Nozzle:**  
10065S Stainless Steel Back Blow Air Nozzle, Aluminum Extension and Chip Shield

Model	Description	Model	Description
120655-6-CS	Soft Grip, 6" Extension, Chip Shield	120655-36-CS	Soft Grip, 36" Extension, Chip Shield
120655-12-CS	Soft Grip, 12" Extension, Chip Shield	120655-48-CS	Soft Grip, 48" Extension, Chip Shield
120655-18-CS	Soft Grip, 18" Extension, Chip Shield	120655-60-CS	Soft Grip, 60" Extension, Chip Shield
120655-24-CS	Soft Grip, 24" Extension, Chip Shield	120655-72-CS	Soft Grip, 72" Extension, Chip Shield

### Model 130655-X-CS Heavy Duty Back Blow Safety Air Gun



The **Heavy Duty Back Blow Safety Air Gun** has a larger rubber grip and a larger 3/8 NPT inlet upon a durable cast aluminum gun body and full grip trigger to ease fatigue.

Model	Air Consumption		Sound Level dBA	Use With: Inside Diameter
	SCFM	SLPM		
130655	22	622	80	7/8"-4" (22-102mm)

**Nozzle:**  
10065S Stainless Steel Back Blow Air Nozzle, Aluminum Extension and Chip Shield

Model	Description	Model	Description
130655-6-CS	Heavy Duty, 6" Extension, Chip Shield	130655-36-CS	Heavy Duty, 36" Extension, Chip Shield
130655-12-CS	Heavy Duty, 12" Extension, Chip Shield	130655-48-CS	Heavy Duty, 48" Extension, Chip Shield
130655-18-CS	Heavy Duty, 18" Extension, Chip Shield	130655-60-CS	Heavy Duty, 60" Extension, Chip Shield
130655-24-CS	Heavy Duty, 24" Extension, Chip Shield	130655-72-CS	Heavy Duty, 72" Extension, Chip Shield

### Model 121955 Super Blast Back Blow Safety Air Gun



**Super Blast Back Blow Safety Air Guns** provide the strongest blowing force to remove debris from the largest pipe diameters and deepest channels. These guns are sold with a 1', 3' and 6' extension, a comfortable soft grip and a spring-loaded manual valve which will shut off automatically if it is dropped.

**Nozzle:**  
10085S Stainless Steel Back Blow Air Nozzle and Aluminum Extension

Model	Description	Air Consumption		Sound Level dBA	Use With: Inside Diameter
		SCFM	SLPM		
121955	Super Blast, 1' (305mm) Extension	57	1,614	89	2"-16" (51-406mm)
121955-3	Super Blast, 3' (1m) Extension				
121955-6	Super Blast, 6' (1.8m) Extension				

## 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.



Super Blast Safety Air Gun™

## 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**

### Aluminum Extension Pipe

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

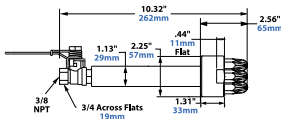
Model#	Model Addition# / Extension Length	
1213-4 3/8 NPT	-3	36" (914mm)
	-6	72" (1829mm)
1213-7 1/2 NPT	-3	36" (914mm)
	-6	72" (1829mm)
1213-12 1 NPT	-3	36" (914mm)
	-6	72" (1829mm)



Model 1213-4 3/8 NPT female

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

**Airflow Pattern:** see Model 1111-4 on page 65.



Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Kg	dBA
56	1,585	3.2	1.45	82

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

Sound level measured at 3' (914mm)

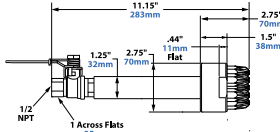
All measurements taken at 80 PSIG (5.5 BAR)



Model 1213-7 1/2 NPT female

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

**Airflow Pattern:** see Model 1111-7 on page 65.



Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Kg	dBA
98	2,773	5.7	2.59	85

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

Sound level measured at 3' (914mm)

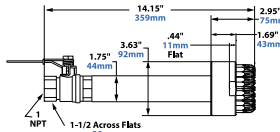
All measurements taken at 80 PSIG (5.5 BAR)



Model 1213-12 1 NPT female

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

**Airflow Pattern:** see Model 1111-12 on page 65.



Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Kg	dBA
168	4,754	9.8	4.45	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 Gun™

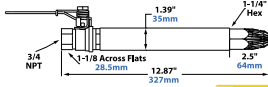


**Model 1214** 3/4 NPT female

**Material:** Nozzles - Zinc Aluminum alloy

**Airflow Pattern:** see Model 1112 on page 63.

**Model 1214SS** with Stainless Steel Nozzle also available



**DOWNLOAD** drawings at EXAIR.com

Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Kg	dBA
91	2,577	4.5	2.04	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

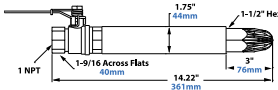


**Model 1215** 1 NPT female

**Material:** Nozzle - Zinc Aluminum alloy

**Airflow Pattern:** see Model 1114 on page 63.

**Model 1215SS** with Stainless Steel Nozzle also available



**DOWNLOAD** drawings at EXAIR.com

Air Consumption		Force*		Sound Level
SCFM	SLPM	lbs	Kg	dBA
135	3,823	6.6	3.01	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



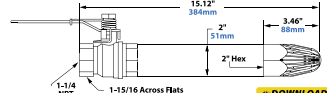
The 3' extension on the Model 1215-3 Super Blast Safety Air Gun helps an operator provide maximum blow off force to remote, tight or difficult to access areas.



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

**Material:** Nozzle - Zinc Aluminum alloy

**Airflow Pattern:** see Model 1116 on page 64.



**DOWNLOAD** drawings at EXAIR.com

Model	Air Consumption		Force*		Sound Level
	SCFM	SLPM	lbs	Kg	dBA
1216	188	5,324	9.4	4.25	102
1217	300	8,495	15	6.80	106
1218	460	13,026	23	10.43	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 64.



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

**Material:** Nozzle - Zinc Aluminum alloy

**Airflow Pattern:** see Model 1120 on page 64.

## 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)

### 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)
1214SS	-3 36" (914mm) -6 72" (1829mm)
1215	-3 36" (914mm) -6 72" (1829mm)
1215SS	-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)

# EXAIR® Standards Compliance

As the leader in standards compliance, EXAIR's products come with more than engineered performance, peak efficiency, the best technical knowledge and unmatched customer service...

EXAIR is dedicated to providing products that have been manufactured to meet the strict requirements of the following standards. These standards provide confidence that you are receiving reliable, high quality products which will perform as stated within the performance charts provided.

Our products meet or exceed the strict safety standards of OSHA and the European Union to ensure the safety of your personnel. Many of these standards will allow your products a smoother transaction when selling your products into international markets.

**OSHA and CE Compliance:** EXAIR compressed air products comply with OSHA's Safety Requirements (29 CFR 1910.242(b)), the EU General Product Safety Directive (2001/95/EC) and meet the noise limitation requirements (29 CFR-1910.95(a)), of the EU Machinery Directive (2006/42/EC). EXAIR's Electronic Flow Control and Electronic Temperature Control meet the low voltage standards of the EU Low Voltage Directive (2006/95/EC). Some EXAIR products display the CE mark where there are applicable directives. All sound level measurements are taken at 3 feet from product.



**RoHS:** Electrical portions of EXAIR's Static Eliminators, EFC, ETC, Digital Flowmeter solenoid valves, and thermostats comply with the RoHS (Restriction of Hazardous Substances) Directive 2011/65/EU, including the amendment outlined in the European Commission decision L 214/65.



**Conflict Mineral Free:** Look for this symbol to designate conflict mineral free products throughout our catalog. EXAIR supports Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act. We are committed to compliance with the conflict minerals rule in order to curb the illicit trade of tin, tantalum, tungsten and gold in the DRC region. EXAIR is using the CMRT 4.20 template to document our supply chain and commitment to conflict free products.



**Reach:** Per Regulation (EC) No 1907/2006 Title I, Article 3, paragraph 3, the European Union has recently enacted legislation to register chemicals and substances imported into the EU to ensure a high level of protection of human health and the environment.



Per Title II, Article 7, paragraph 1, articles (products) must be registered when a substance is intended to be released under normal or reasonably foreseeable conditions of use and it is present in those articles in quantities totaling over 1 metric ton per producer or importer per year. Registration of EXAIR products is not required since they do not contain substances that are intentionally released.