

## 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



Flat air pattern

**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



**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



**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



Flat air pattern

**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



**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**