



# Ion Air Jet™

**Air saving Ion Air Jet is an effective spot cleaner!**

**Choose permanent mount or flexible hose with base!**



### What Is The Ion Air Jet?

EXAIR's Ion Air Jet delivers a concentrated airflow that can cover a precise spot without disturbing other areas. This quiet, focused airstream provides incredibly fast static decay rates and cleaning ability. The Ion Air Jet is the ideal way to remove static and dust from small parts prior to shrink wrapping, packaging, printing or finishing.

### Why The Ion Air Jet?

The Ion Air Jet induces surrounding airflow at a ratio of 5:1, minimizing compressed air use and maximizing ionized airflow. Force can be adjusted from a "blast" to a "breeze".

### Your Choice Of Permanent Mount or Flexible Stay Set Hose™

For permanent mount applications, the compact Ion Air Jet is the best choice since it is lightweight and easy to install using the 1/8 NPT male inlet. For applications where frequent repositioning is required, the flexible Stay Set Ion Air Jet™ is ideal. This version can be placed in close proximity and the hose bent to aim the ionized airstream at the localized area. Since the hose has "memory" it will not creep or bend, always keeping the aim until physically moved to the next position.

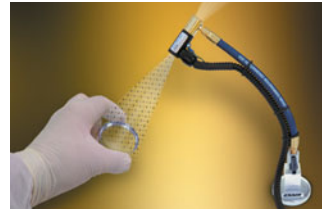
The Stay Set Ion Air Jet comes complete with a magnetic base that allows easy mounting and portability on a machine, a bench or other surface. A shutoff valve on the base provides infinite control of the force and flow. For hands free operation, an optional Model 9040 Foot Pedal (requires floor or machine mounting) is available.

#### Applications

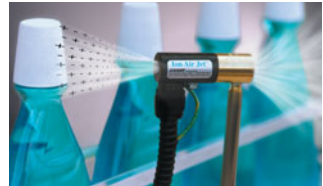
- Three dimensional parts
- Bottle cleaning
- Screen printing
- Shrink bands
- Ink jet printing
- Part cleaning
- Package cleaning

#### Advantages

- Low cost
- Rapid static decay
- Quiet
- Shockless, non-radioactive
- Compact, rugged, easy to install
- Stay Set Hose for accurate placing
- Low air consumption



The Model 7494-9362 Stay Set Ion Air Jet Kit cleans dust from a glass lens prior to installation on a gauge.



The Model 7294 Ion Air Jet and Power Supply neutralize and clean mouthwash bottles before installing the tamper-proof seal.



The Model 7910 Instant Static Elimination Station removes contaminants on plastic clamshell packages.

Static Eliminators

# Ion Air Jet

## How The Ion Air Jet Works

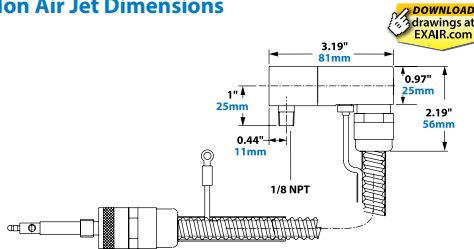
The Ion Air Jet functions the same as the Ion Air Gun without the blowgun handle. For details on how it works, see page 96 (Catalog) “*How The Ion Air Gun Works*”.

## Ion Air Jet Performance

Pressure Supply		Air Consumption		Sound Level	Dissipates 5kV*
PSIG	BAR	SCFM	SLPM	dBA	SECONDS
20	1.4	7.4	209	67	0.45
40	2.8	11.5	325	74	0.33
60	4.1	15.8	447	79	0.24
80	5.5	22.0	622	82	0.18
100	6.9	24.0	679	85	0.18

\* 6" (152mm) from target. For airflow pattern, see Model 6013 High Velocity Air Jet on page 50 of the Catalog.

## Ion Air Jet Dimensions



DOWNLOAD drawings at EXAIR.com

### Ion Air Jet

Model #	Description
7194	Ion Air Jet Only includes 5' (1.52m) shielded cable*
7294	Ion Air Jet and Power Supply
7494	Ion Air Jet Kit includes Power Supply, filter separator and pressure regulator (with coupler).

### Stay Set Ion Air Jet

7194-9362	Stay Set Ion Air Jet includes 5' (1.52m) shielded cable*, one outlet magnetic base with shutoff valve, and 12" (305mm) Stay Set Hose.
7294-9362	Stay Set Ion Air Jet and Model 7901 Power Supply (115V, 50/60Hz)
7494-9362	Stay Set Ion Air Jet Kit (see detail at right)
7495-9362	Deluxe Stay Set Ion Air Jet Kit (see detail at right)
7910	Instant Static Elimination Station (see detail at right)

\* For special length cables, please contact the factory.

### Accessories and Components

Model #	Description
7901	2 Outlet Power Supply (115V, 50/60Hz)
7907	2 Outlet Power Supply (230V, 50/60Hz)
7940	4 Outlet Power Supply (115V, 50/60Hz)
7941	4 Outlet Power Supply (230V, 50/60Hz)
9001	Auto Drain Filter Separator, 3/8 NPT, 65 SCFM (1,841 SLPM)
9008	Pressure Regulator with Gauge, 1/4 NPT, 50 SCFM (1,416 SLPM)
9040	Foot Pedal, 1/4 NPT, 60 SCFM (1,698 SLPM)
7905	Static Meter

## Ion Air Jet Specifications

**EXAIR Model 7901, 7907, 7940 or 7941 Power Supply (5kV) is required for operation.** See page 83 of the Catalog for details.

**Certifications:** The Ion Air Jet is UL Component Recognized to U.S. and Canadian safety standards.

Power supplies are UL Listed to U.S. and Canadian safety standards, and are CE and RoHS compliant.

**Electrical:** For use with 5 kVrms, 5 milliamperes (max.) power supply.

**Electrical Hazard:** Shockless (less than 40 microamperes short circuited).

**Do not use near flammable materials or gases.**

**Materials of Construction:**

**Metal Parts:** Brass and Stainless Steel

**Plastic Parts:** UL rated 94 HB

**Emitter:** Stainless Steel

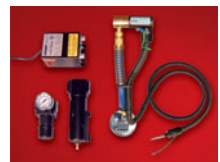
**Maximum Ambient Temperature:** 165°F (74°C)

**Compressed Air:** 1/8 NPT inlet provided on Ion Air Jet.

1/4 NPT inlet provided on Stay Set Ion Air Jet.



**Model 7494 Ion Air Jet Kit** includes the Ion Air Jet, Model 7901 Power Supply, filter separator and pressure regulator (with coupler).



**Model 7494-9362 Stay Set Ion Air Jet Kit** includes the Stay Set Ion Air Jet, Model 7901 Power Supply, filter separator and pressure regulator (with coupler).



**Model 7910 Instant Static Elimination Station** includes the Stay Set Ion Air Jet, Model 7901 Power Supply, foot pedal and (2) 10' (3m) hoses.



**Model 7495-9362 Deluxe Stay Set Ion Air Jet Kit** includes the Stay Set Ion Air Jet, Model 7901 Power Supply, filter separator and pressure regulator (with coupler), foot pedal and 10' (3m) hose.