

PAXTON IONIZED AIR

RINSING SYSTEM

No Compressed Air or Water Needed

The Ionized Air Rinsing System sets the standard for a new generation of static elimination and air rinsing, dissipating the static charges that cause dirt, dust and contaminants to adhere to surfaces, and air blasting the contaminants away, using ultra-efficient blower-driven air.

- Prevent particles and dust from adhering to inside or outside of container walls
- Effect a surface free of dirt, dust and particles to improve the surface finish
- Reduce risk of microbiological growth caused by moisture in water rinses
- Eliminate potential for water and oil contamination caused by compressed air
- Significantly reduced energy usage by eliminating compressed air

FEATURES:

- System includes a highly efficient Paxton PX-series centrifugal blower, backed by a full three year warranty
- More blow off force at the target
- Air Delivery Devices are available in lengths from 12" to 10' (0.3 to 3 m)
- 304 stainless steel air delivery devices and mounting hardware withstand washdown environments
- More active emitter points give increased ionization performance, compared to compressed air
- Emitter points are contained within the high velocity airstream of the manifold or knife to promote durability, safety and a consistently clean ionizing bar
- Inlet and Outlet filtration



Ionizing Can Rinser

- Custom engineered 304SS nozzle manifold with a patented design
- Successfully qualified under all common test media: styrodot, cardboard dust, debris



Ionizing Bottle Rinser

- Available for both high speed and low speed lines
- Custom engineered 304SS air knife with a patent-pending design
- Successfully qualified for plastic and glass bottles, ranging in size from 8 oz to 2 liters, with all common test media



EACH IONIZED AIR SYSTEM INCLUDES THE FOLLOWING:

- Paxton PX-series Centrifugal Blower, sized to fit based on length and type of air delivery
- Ionizing Air Knife or Nozzle Manifold, type and length dependent on target and line speeds
- Ionizing Power Supply, available with or without control relays
- Blower Enclosure, protects the blower during washdown while reducing noise
- 5 micron Filtration for air entering the blower; and HEPA Filtration for air exiting the blower
- Optional components: Variable Frequency Drive, Custom Vacuum System



Ionizing Air Rinsing Vac

The Ionizing Air Rinsing Vac combines the powerful dust, particulate and debris removal of Paxton's Ionizing Air Rinsing with powerful vacuum to contain and collect the dust and debris. The Rinsing Vac is available in both closed loop (one blower) and two blower designs, dependent on application needs.

- Remove and collect particles, dust and debris from inside or outside of container walls or other surfaces
- Prevent re-deposition of dust and particulates

FEATURES:

- Custom-engineered based on specific target, line speeds and conveyor specifications
- 304 stainless steel design of air delivery devices, vacuum enclosures and filter housings
- Blow off powered by an ultra-high efficiency Paxton PX-series blower
- Optional HEPA filtration for air exiting the blower
- Easy inspection of dust, particulates and debris removed
- Rinsing and vacuum in a compact footprint

ADDITIONAL FEATURES FOR THE CLOSED LOOP SYSTEM:

Blower and filtration systems contained in easy to install and easy to maintain enclosure



CLOSED LOOP RINSER VAC

Paxton Products.
the leader in energy efficient
blower-driven air delivery for
drying and blow off

AND

Simco-Ion Industrial,
the leader in industrial static
control systems,

have partnered to develop
the Ionized Air Rinsing
System, making it the highest
performance, most energy
efficient rinser and static
dissipation system on the
market.

PAXTON
PRODUCTS

TW Air Management

10125 Carver Road
Cincinnati, OH 45242

**Paxton Products... leading the
science of high performance drying.**

Call +1 800-441-7475 (U.S. & Canada)
or +1 513-891-7474 (Worldwide)

Or get an online "Quick-Quote"
at paxtonproducts.com

©Paxton Products

REVISION DATE: JULY 30, 2025

PAXTON **IONIZED AIR** RINSING SYSTEM

Applications

BEVERAGE & BOTTLING APPLICATIONS

Aluminum
Crates and trays
Pouches

Jars and glass bottles
PET bottles
Tin cans

ELECTRONICS & SOLAR

Flat panels

Film and panels

PHARMACEUTICAL, NUTRACEUTICAL & MEDICAL APPLICATIONS

IV and solution pouches
Packaging and overpack

Durable medical devices
Protein powder packaging

INDUSTRIAL PRODUCTS

Rolled metals
Crates and trays
Plastic parts

Automotive parts and wheels
Machined parts
Parts after painting or coating

EXTRUDED PRODUCTS

Vinyl siding
Films

PVC and plastic pipes
Plastic sheets

FOOD, FOOD PROCESSING & FOOD PACKAGING APPLICATIONS

Packaging
Jars

Tin cans
Crates & trays