



R55

IONIZING AIR NOZZLE

The R55 Static Control Nozzle provides a powerful blast of ionized air used for cleaning and neutralizing surfaces in a variety of applications. It is particularly effective for separating paper and film sheets on feed piles. The R55 has eight active ionization pins to deliver outstanding depth and range of static elimination.

- Slotted and perforated versions available for optimal cleaning, ionization and cost efficiency
- High efficiency, even at longer distances
- Shockless for operator safety
- Compact size allows for a wide variety of applications

Industrial Static Control

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Slotted Configuration



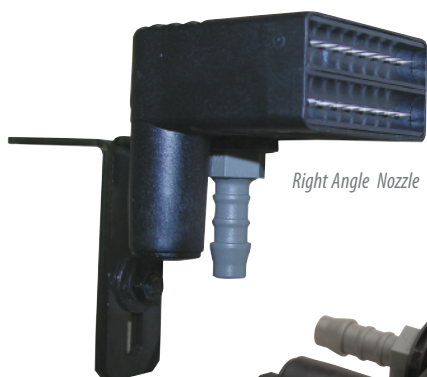
Stream



Perforated Configuration



Spray

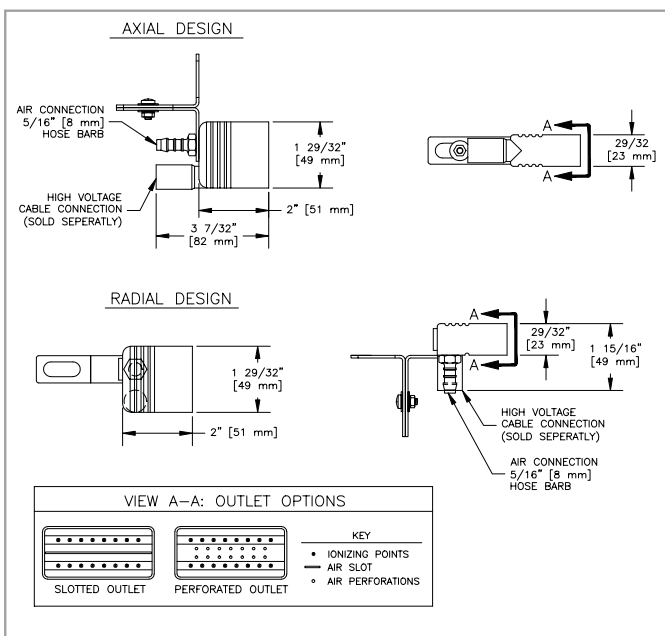


Right Angle Nozzle



Straight Nozzle

Dimensions



The R55 Static Control Nozzle comes in your choice of two air exit configurations, a slot or a double row of perforation holes. It can be ordered with an axial (straight) or radial (right angle) high voltage cable exit. Each nozzle comes with an adjustable two-piece mounting bracket and hardware.

The cable for the R55 is metal shielded, which reduces EMI and RFI emissions and allows the cable to be mounted against metal without danger of burn-out. The cable and power supply for the R55 must be ordered separately.

The R55 nozzle is designed to operate with the TrueAC & S series power supplies.



TrueAC Power Supply

Specifications

Operation Voltage	5 kV, 120V, 60 Hz; 230 V, 50/60 Hz		
Ionizing Pin Current At Short Circuit To Ground	40µA		
Maximum Operating Temperature (ambient)	140°F (60°C) without blown air 176°F (80°C) with blown air		
Maximum Blown Air Temp.	86°F (30°C)		
Housing Material	Acetate co-polymerisate POM, injection molded, Hostaform C13021		
Ionizing Pins	Stainless steel, current limited and low capacitance, shockless		
Emission Rows	Two rows of 8 pins each, one row passive and one active (with an air outlet located between them)		
Air Consumption	30 psi	Slotted 2.45 scfm	Perforated 2.95 scfm
Air Connection	5/16" (8 mm) nipple (hose barb)		
High Voltage Shielded Cable	Ordered separately – specify length		
Weight	Approximately 4 oz. (100 g)		
Approval	CE		

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