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An ITW Company

Industrial Static Control

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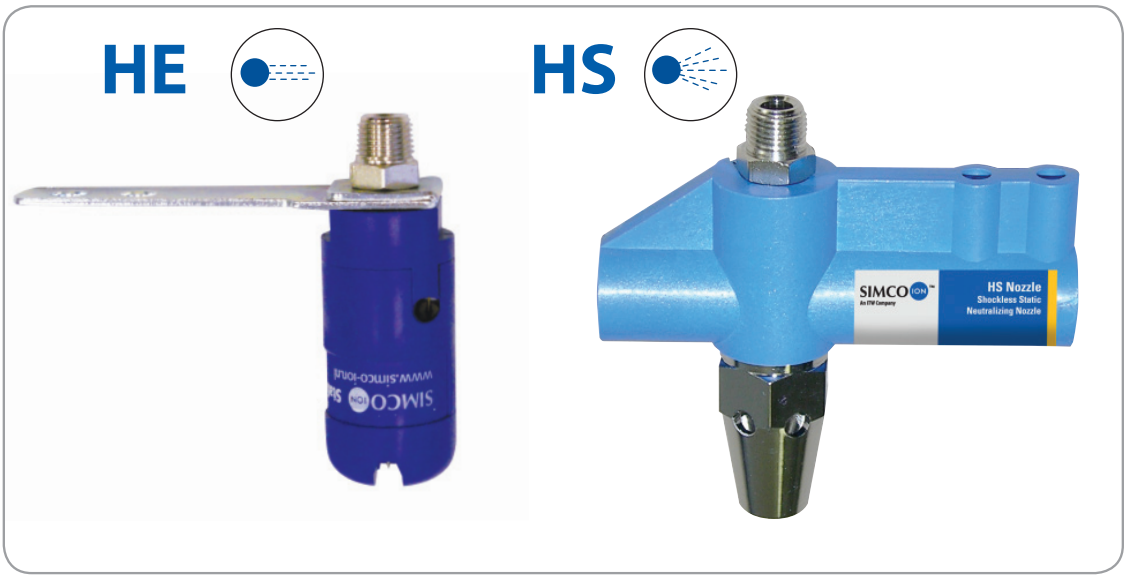


IONIZING AIR NOZZLE

HE / HS MODELS

HS & HE ionizing air nozzles are highly efficient static eliminators that produce a powerful stream of ionized compressed air to clean and neutralize charges on parts and materials. Static neutralizing air nozzles make it easier to blow parts and materials clean while preventing the reattraction of dirt particles.

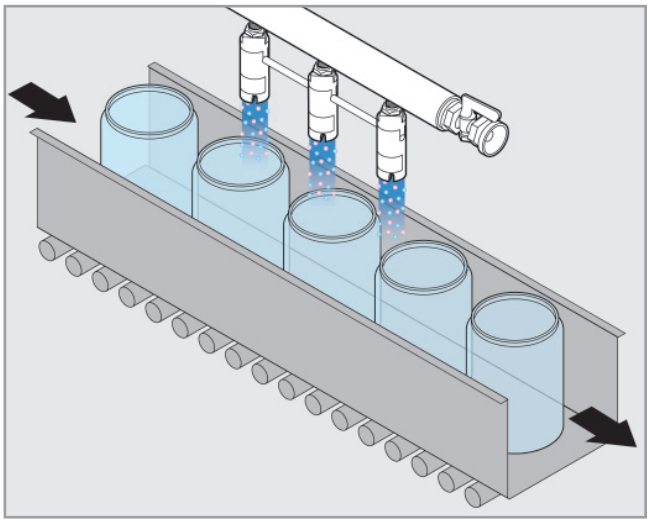
- Fast, efficient neutralization
- Can be installed individually, in a series or on a header bar
- Compact size allows for a wide variety of applications

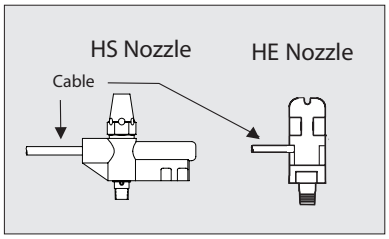
Specifications

	HS Nozzle	HE Nozzle
Line Voltage Requirements	115V, 50/60Hz 230V, 50/60Hz	120V, 60Hz 230V, 50Hz
Power Supply	F167, F267, D167Q	D167Q, D257Q
Size (individual nozzle)	2.5" H x .87" W x 3.5" L	2" (1" diameter)
Maximum Air Pressure	100 psi maximum	100 psi maximum
Air Flow	4.4 SCFM at 30 psi	2.8 SCFM at 30 psi
Working Distance	3" to 10"	Up to 6"
Temperature Limit	150°F (66°C)	150°F (66°C)
Static Discharge Time	0.6 seconds at 6" at 30 psi (5000V to 500V)	0.7 seconds at 6" at 30 psi (5000V to 500V)

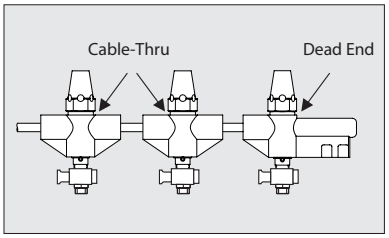
HS and HE Nozzles are both shockless nozzles that use minimal air consumption to produce a powerful stream of ionized air for cleaning and neutralizing static charges.

Bottle Cleaning Application

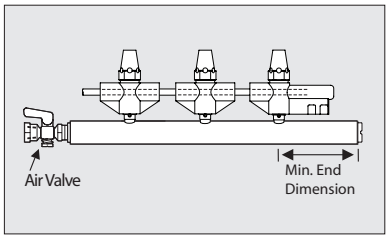




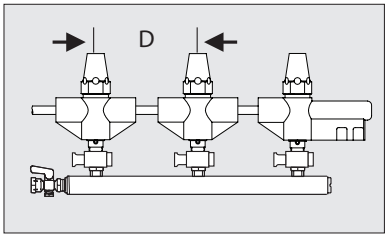
Dead end nozzles are used for single nozzle applications and include HV cable.



Dead end nozzles are also used as the last nozzle of a series on one cable. Cable-Thru nozzles are used for all nozzles of a series except the last one.

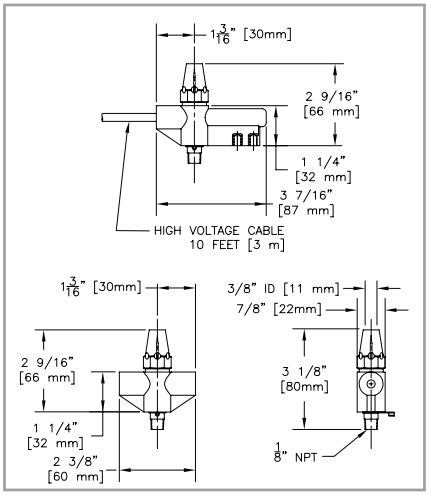


The minimum end dimension for each header bar (measured from the centerline of the dead-end nozzle) is 2" for the HS Nozzle and 1-1/2" for the HE Nozzles. Air valve is included at one end of the header.

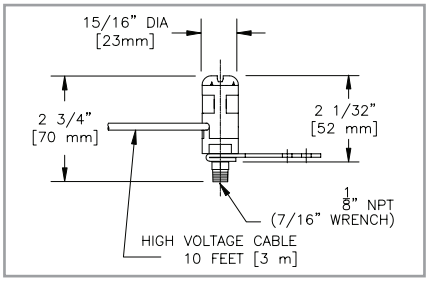


Minimum "D" spacing is 2" for HE Nozzles and 3" from HS Nozzles for regular HV cable.

HS Dimensions



HE Dimensions



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