



## 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

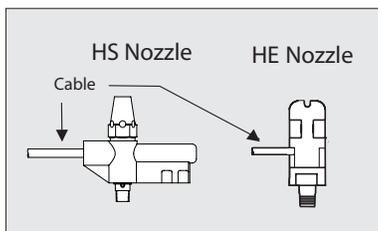
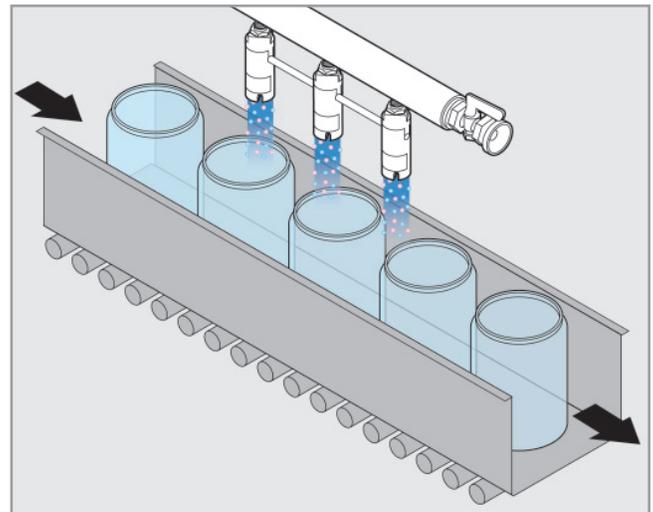


## Specifications

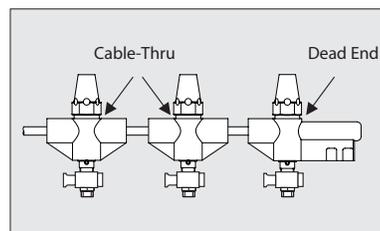
	HS Nozzle	HE Nozzle
<b>Line Voltage</b>	115V, 50/60Hz	120V, 60Hz
<b>Requirements</b>	230V, 50/60Hz	230V, 50Hz
<b>Power Supply</b>	F167, F267, D167Q	D167Q, D257Q
<b>Size (individual nozzle)</b>	2.5" H x .87" W x 3.5" L	2" (1" diameter)
<b>Maximum Air Pressure</b>	100 psi maximum	100 psi maximum
<b>Air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

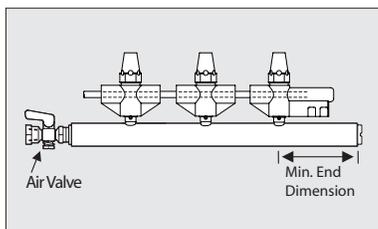
## Bottle Cleaning Application



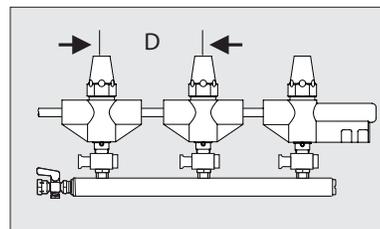
Dead end nozzles are used for single nozzle applications and include HV cable.



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.

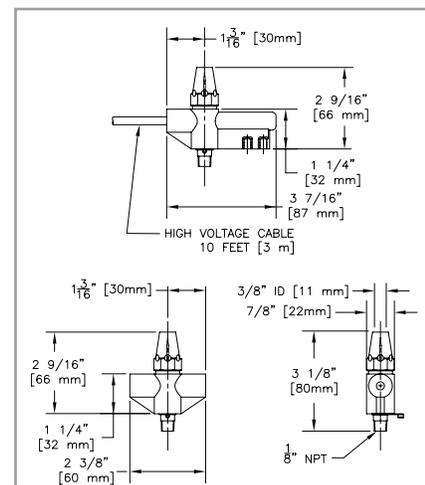


The minimum end dimension for each header bar (measured from the centerline of the dead-end nozzle) is 2" for the HS Nozzle and 1-1/2" for the HE Nozzles. Air valve is included at one end of the header.

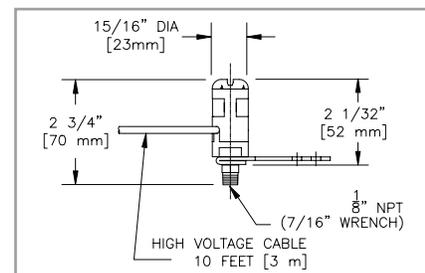


Minimum "D" spacing is 2" for HE Nozzles and 3" from HS Nozzles for regular HV cable.

## HS Dimensions



## HE Dimensions



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## Simco-Ion

2257 North Penn Road  
Hatfield, PA 19440-1998  
Tel: 800.203.3419 (in USA)  
Tel: 215.822.6401

customerservice@simco-ion.com  
www.simco-ion.com