

Electrostatic Precipitator Rapper

Pneumatic Rappers Improve Electrostatic Precipitator Efficiency

NAVCO® Pneumatic Rappers remove dust from collecting plates, discharge electrodes, gas distribution systems and collection hoppers in electrostatic precipitators (ESP). Engineered for operational reliability, durability and overall dependability across a wide range of climate conditions, these rappers ensure ESPs are able to perform at their intended efficiencies.

Time Tested Rappers, Made in the USA

NAVCO has been manufacturing Pneumatic Rappers in the United States since their introduction in the 1970's.

Deployed Across Multiple Industries

- Cement plants
- Fossil fuel-fired boilers
- Hazardous waste incinerators
- Lead/zinc/copper smelters
- Municipal waste incinerators
- Petroleum refineries
- Power-generating stations
- Pulp and paper mills
- Steel mills
- And More

Pneumatic (Air) Power to Fit Your Work Flow

Pneumatic Rappers that are easily incorporated into existing industrial processes.

Long Productive Operating Life

Designed with minimal moving parts, these rappers provide a long, reliable operating life in all climate conditions.



Designed for Electrostatic Precipitators

NAVCO Pneumatic Rappers are designed to provide electrode and hopper cleaning for precipitator plates, wires, electrodes and hoppers.

Repetitive Impacts for Challenging Applications

NAVCO repetitive impact Pneumatic Rappers transfer a continuous forced-frequency impulse into the electrodes, producing a uniform high acceleration response. This offers a more uniform and better electrode cleaning than single-impact rappers, making them ideal for applications such as:

- High-resistivity fly ash in the power industry
- Salt cake in the paper industry
- Cement dust for both dry- and wet-process kiln precipitators and lime-kiln precipitators
- Smelter furnaces, BOFs, sinter plants, roasters and other primary metals applications

One Piece Rapper

NAVCO's patented one-piece housing, designed to mount on a tapered shaft, allows for easy installation. The tapered mount further ensures a large installation surface to transfer the Rapper energy.

PTFE Coated Piston and Bore

PTFE coated internals resist corrosion, reduce friction and prevent rust seizures. Enabling a long, low maintenance operational life in tough industrial environments.

Mountable in any Direction

Designed to be mountable vertically, horizontally, and everywhere in between, Pneumatic Rappers are able to be placed at the optimal position for every application.

CONTACT US TODAY AT

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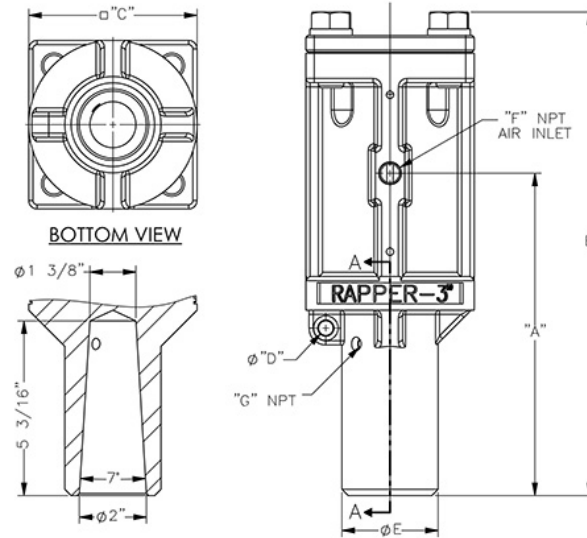
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Electrostatic Precipitator Rapper Size and Dimensions



Model	A	B	C	D	E	F	G	Wt. - lbs
RP 2.00	8-3/4"	12-1/2"	3-1/4"	1/2"	2-3/4"	1/4" NTP	1/8" NTP	20
RP 3.00	9-9/16"	14-3/8"	5"	7/16"	2-7/8"	1/8" NTP	1/8" NTP	42
RP 4.00	11-3/8"	17-3/8"	6"	1/2"	3"	1/8" NTP	1/8" NTP	83

Available accessories include: Pin Plates, Bar Mounts, and Air Lubes.

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