

MAX Nozzle

Magnetic Air-Cooled Exhaust

Enhanced durability to capture exhaust fumes directly at the source

Firefighters face many health risks in their line of work including exposure to the diesel exhaust within the station. Nederman is The Clean Air Company providing solutions that protect people, the planet and work places from air pollution for over 75 years including firefighters throughout the world. Our latest MagnaSystem product is the MAX Nozzle which captures exhaust fume directly at the source with enhanced durability to meet the everyday challenges of today's fire stations.



MAX Nozzle



Tailpipe Adapter



Reliable and Effective Capture

The MAX Nozzle connects with magnets directly to the exhaust tailpipe to capture virtually all of the exhaust when the engine turns on before it can migrate to firefighter's breathing zones and throughout the fire station.

Enhanced Durability

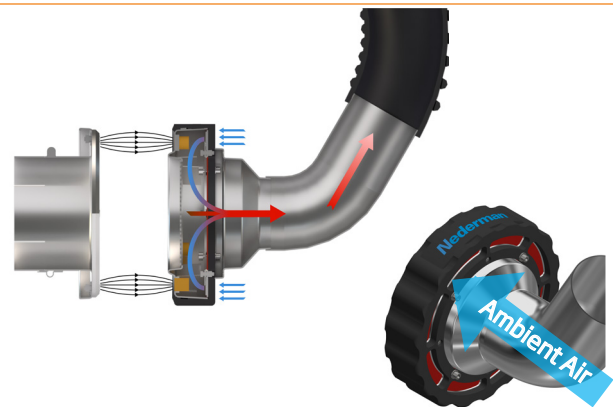
Fire trucks endure harsh conditions on a regular basis. The MAX Nozzle is designed to withstand the demands in the station, but also on the road with stronger metal and a nickel-plated finish.

Reduced Cost of Ownership

Innovative features of the MAX Nozzle require reduced repairs from on-road damage and a unique method of entraining cool, ambient air that extends magnet, flex duct and exhaust fan life.

Air-Cooled Magnets for Extended Life

Over time heat can reduce the magnetic strength and effectiveness of magnets. The MAX Nozzle features patent pending technology that entrains cool air directly over the magnets to reduce their operating temperature while also cooling the airstream temperature through the entire exhaust system.



Cool ambient air moves over magnets and mixes with hot exhaust air

Product Features

- Rubber Impact Bumper**
 Bumper to prevent damage from swinging impact upon release.
- Compression Clamp**
 Stainless steel clamp secures adapter to tailpipe.
- Tailpipe Adapter**
 Secures to tailpipe and includes features that increase the durability and reduce on-vehicle damage.
- Nickel Plated Finish**
 Bright nickel finish for improved aesthetics and coating that improves durability and corrosion resistance.
- High Strength Magnets**
 High temperature Samarium Cobalt (SmCo) magnets in arrangement that facilitates smooth and reliable release from tailpipe.
- Durable Magnet Contact Plate**
 Thick, steel plate that improves "on-the-road" durability and increases magnetic strength.
- High Temperature Exhaust Hose**
 Multi-layered, synthetic exhaust hose with wear strips rated for high temperature exposure.

Sizes and Specifications

Dimensions inches (mm)

Nominal Hood Size	4 (100)	4 (100)	4 (100)	6 (152)	6 (152)	6 (152)	6 (152)
Tailpipe Diameter Hood Size	3 (76)	3.5 (89)	4 (100)	5 (127)	5 (127)	6 (152)	6 (152)
Hose Takeoff Diameter	4 (100)	4 (100)	4 (100)	4 (100)	6 (152)	4 (100)	6 (152)

Complete System Accessories

Track ST



Free-hanging, looping exhaust hose equipped with balancer and trolley that glides on the aluminum track.

Rail



High capacity, drive through system supporting up to two vehicle attachments (high level or low level tail pipes) to the same rail each.

Controls



UL listed control panels start and stop fan automatically.

Actuators



Dashboard Actuators



Pressure Switch

Dashboard transmitters or in-duct pressure switches turn exhaust fan on when the engine turns on.

Safety Disconnect



Standard accessory included within flex duct to release in case of a failed disconnect.

Exhaust Fans



Wide range of direct-drive exhaust fans for your specific airflow and static pressure requirements.

Nederman offers genuine replacement filters, spare parts and accessories to keep your equipment operating at maximum efficiency. Contact a local Nederman representative today or visit our spare parts search: www.nederman.com/en-us/service/spare-part-search



Our facilities are ISO 14001:2015 certified