

**PLYMVENT®**

clean air at work



**MAGNETIC GRABBER®**

The “click and seal” nozzle for effective exhaust removal



## WHY DIESEL EXHAUST EXTRACTION IS IMPORTANT?

Diesel engines, used in fire trucks, produce a mixture of toxic gases and particulates from the combustion process. These hazardous vehicle exhaust emissions in a fire station are one of a firefighter's most significant cancer health risk and a serious legal liability for the fire department. It is essential to create healthy and safe working conditions by reducing these risks. Protective measures are an important aspect of this.

Eliminate this hazard from your fire station with our vehicle exhaust capture and removal systems. From existing stations to new design-built, our totally automatic start-up and disconnect source capture systems are the recommended method for controlling exhaust emissions in your station.

## THE MAGNETIC GRABBER®

Over the years, the Magnetic Grabber® has proven to be the best choice for your fire station. Combining the various benefits of the Magnetic Grabber® and the opportunity to have an easy to use professional Plymovent system in your station make the decision an easy one.

## EASY TO OPERATE - "CLICK AND SEAL"

The conical design makes attaching the Magnetic Grabber® to the vehicle extremely user friendly. At the sound of a clear "click" you know you have a correctly "sealed" connection of the system to the vehicle, minimizing the danger of diesel exhaust emissions in the station. The strategically positioned magnets ensure a good connection to the vehicle, as well as a controlled automatic disconnect when the vehicle exits the station.

## PROFESSIONAL LOOK AND PERFORMANCE

Made with stainless steel, the Magnetic Grabber® is easy to recognize, but also the functionality is what you can expect of a Plymovent system. With no obstructions in the hose, the system can remove dangerous diesel exhaust at its maximum capacity. The proven Magnetic Grabber® system can be quickly attached to any vehicle equipped with the innovative Plymovent tailpipe connector. The tailpipe connector's ambient air intake also ensures the vehicle's exhaust temperatures are reduced thereby making the system safer to use.

## SAFETY OF THE SYSTEM

In order to protect your investment and provide protection against damages, Plymovent has integrated a rubber safety cover on the Magnetic Grabber®. With the Magnetic Grabber's® rubber cover, along with your system's Safety Disconnect, you and your system are well protected.

## BENEFITS

- Easy to operate “click and seal” connection
- Virtually 100% source capture
- Ambient air intake
- Unique conical design for easy use
- Will always function without electrical power input

Strategically positioned integrated magnets for easy connection.

Unique conical design for soft release.



Protective rubber safety cover to avoid damage to vehicle and surroundings.

Non-invasive stainless steel clamping mechanism

Ambient air intake protects the system and surroundings from high-temperature exhaust gasses.

**NEW**

## MAGNETIC GRABBER® STAINLESS STEEL BLACKARMOUR

The Plymovent Magnetic Grabber® Stainless Steel Black Armour is a durable Magnetic Grabber® that is resilient to the most extreme and aggressive winter road treatment chemicals. Due to the highly durable coating, as well as utilizing a very special blend stainless steel magnetic alloy, it will increase system life and therefore reduce the total cost of ownership. The Magnetic Grabber® Stainless Steel Black Armour has the same proven concept functionality “click and seal” nozzle and is added onto the existing product portfolio. Advantages of the Magnetic Grabber® Stainless Steel Black Armour:

- Stainless steel tailpipe adapter
- Extreme high corrosion resistant nozzle
- High abrasion resistance against mechanical damage
- Non-invasive stainless steel clamping mechanism





## PLYMOVENT OFFERS TOTAL SOLUTIONS FOR AIR CLEANING

For more than 40 years we have made it our business to ensure clean air in fire stations. We provide high-quality products to protect firefighters and others from exposure to hazardous diesel exhaust, dust and debris. We offer a broad range of exhaust extraction systems, supported by complete engineering services. Contact us to find out what genuine commitment to customer requirements really means.

## FROM SCRATCH TO THE RIGHT SOLUTION

Plymovent is not just a manufacturer. We offer professional advice and engineering services to provide a solution tailored to your specific needs or requirements. In addition, our worldwide network of distributors offer service and maintenance to keep your system functioning optimally.

For more information, please contact your authorized Plymovent distributor or visit [www.plymovent.com](http://www.plymovent.com).

**PLYMOVENT**<sup>®</sup>  
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Plymovent Corp. is ISO 9001:2008 Certified.



Your authorized Plymovent distributor:

*Plymovent cares about the air you breathe. We offer products, systems and services which ensure clean air at work, anywhere in the world.*

*We respect the environment and we deliver high-quality products. Our expertise gained over many years and our genuine commitment to customer requirements enable us to provide precisely the solutions you need.*