



THE PROVEN SOLUTION

MAGNETIC GRABBER®

TRIED. TRUSTED. TRUE.

#TRUEPLYMOVENT

For nearly 50 years Plymovent has been providing clean air at work and is the world leader in protecting firefighters and emergency responders from the dangers of vehicle exhaust fumes. The design and functionality of the patented Plymovent Magnetic Grabber® system is unparalleled and unmet by any other vehicle exhaust removal system on the market. With the stainless TopGrade version, components are of stainless steel pedigree, providing excellent corrosion resistance and high temperature tolerance in extreme operating conditions.

- Introduced in 2009
- Red Dot design award winner
- Virtually 100% source capture
- Available in stainless steel
- Effortless “click and seal” connection
- Ambient air cooling
- Nozzle functions without electricity

TRUE CLEAN AIR

Plymovent Life Safety Systems provide clean air at work for humanity and the planet anywhere in the world at all times.


More firefighters and emergency responders are protected by the Plymovent Magnetic Grabber® than any other nozzle in the world.

Its self-aligning conical design is integrated with magnets that provide a quick and easy “click and seal” connection, preventing harmful exhaust fumes from contaminating the facility. The floating magnets are positioned in a pattern to ensure optimal connection and automatic disconnection at the correct moment when vehicle exits the station.

Safety Taken Seriously - An integrated rubber safety shield on the Magnetic Grabber®, along with the Plymovent Safety Disconnect Handle, ensures your system, equipment and personnel are well protected.




USA No. 9,243,734 B2
 CANADIAN No. 2 777 419 C
 EUROPEAN No. 2 488 311 B1



PROVEN FUNCTIONALITY AND DEPENDABILITY

In the market for over a decade, and with Plymovent's relentless innovation, the Magnetic Grabber® systems' performance to prevent firefighter and facility exposure to hazardous exhaust fumes is tried, tested and proven.



TRUE TOUGHNESS

Firefighters and emergency responders demand equipment that is tough and rugged. The Magnetic Grabber® system with its robust construction and stainless steel material can endure the most severe conditions either on the road or in the station.



LOW COST OF OWNERSHIP

With tens of thousands of Magnetic Grabber® systems installed, maintenance is proven to be minimal.

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Ambient Air Cooling

Adjustable ambient air slots to cool supplied vehicle exhaust and magnets without exhaust leakage.

Maximum Strength Magnets

Floating magnet design with patterned position ensures flush, optimal Magnetic Grabber® to TPA connection and automatic disconnection at the correct moment when vehicle exits the station.

Stainless Steel

Delivers maximum corrosion resistance, toughness, and performance life.

Rubber Shield

Safeguards your system, equipment and personnel are well protected.

Tailpipe Adapter (TPA)

Attached to tailpipe, the TPA's convex design provides for a trouble-free, quick sealed connection of Magnetic Grabber®.

Concave Nozzle Design

Shaped for optimal airflow, the Magnetic Grabber's® concave design delivers a quick, "click and seal" connection over the conical TPA.

Picture above: The Magnetic Grabber® in combination with our TopGrade TPA.

INNOVATE - DON'T IMITATE!

At Plymovent, that is what we do. All of our products are engineered and produced in our own factories. By **listening to our customers** we constantly update and improve our current product designs as well as bringing new product innovations to the market. The Magnetic Grabber® and TPA have been designed and manufactured by our own engineering team – an innovation we are truly proud of!



Material	<ul style="list-style-type: none"> • Stainless Steel • Samarium Cobalt (SmCo) magnets • EPDM rubber • Galvanized steel
Dimensions	<ul style="list-style-type: none"> • Nozzle • Tailpipe Adapter (TPA)
"Click and Seal" Conical Design	TPA - Convex; Nozzle - Concave
Protection	Rubber shield; stainless steel hardware
Capture Efficiency	Virtually 100%
Ambient Air Cooling	<ul style="list-style-type: none"> • 4 and 5 inch TPA models adjustable ambient air slots • 6 and 7 inch open connection via engine exhaust configuration

In addition to the TopGrade Stainless Steel TPA, the Magnetic Grabber® system is also available in a galvanized model. Refer to the Product Data Sheet for complete specifications. The Plymovent Magnetic Grabber® is covered by US Patent No. 9,243,734 B2, Canadian No. 2 777 419 C, and European No. 2 488 311 B1.

Your authorized Plymovent Distributor:

PLYMOVENT®
clean air at work *Since 1975*

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