PLYMOVENT®
clean air at work

MAGNETIC GRABBER®

VEHICLE EXHAUST REMOVAL SYSTEM

The Magnetic Grabber® is a patented vehicle exhaust removal device. The Magnetic Grabber® nozzle incorporates a self-aligning conical design with integrated magnets that provide a quick and easy "Click and Seal" connection and controlled disconnect from the vehicles tailpipe. The nozzle is used in conjunction with the conical tailpipe adapter (TPA) and is primarily used in Fire and Emergency Services stations where the vehicles may be operated indoors for equipment checks and for exiting the building on emergency calls.

APPLICATIONS

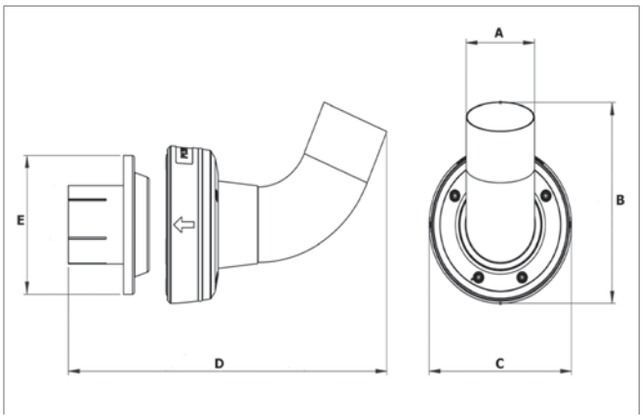
The Magnetic Grabber® is intended to be used for the following applications:

- To eliminate hazardous vehicle exhaust emissions with our vehicle exhaust capture and removal systems for the following segments: fire and emergency service stations as well as military facilities.

SPECIFICATIONS

Physical dimensions and properties	
Material	• galvanised steel • stainless steel • EPDM rubber
Colour	• polished stainless steel • black
Ambient conditions	
Max. relative humidity	all ambient conditions allowed
Storage conditions	all ambient conditions allowed
Where used	
All Plymovent railsystems such as SBT and STR	
Scope of supply	
Matching nozzle and TPA to be ordered separately	
Order information	
Article no.	see remaining specifications
Number/package	1
Shipping data	
Gross weight	see remaining specifications
Packing dimensions	see dimensions
Packaging	bubble wrap

DIMENSIONS



A	4" / 100 mm	
	5" / 125 mm	
B	3" / 75 mm version	10.2" / 260 mm
	4" / 100 mm version	10.6" / 271 mm
	5" / 125 mm version	11.5" / 293 mm
C	3" / 75 mm version	7.5" / 190 mm
	4" / 100 mm version	8.3" / 212 mm
	5" / 125 mm version	9.9" / 253 mm
D	3" / 75 mm version	15" / 381 mm
	3.5" / 90 mm version	15" / 381 mm
	4" / 100 mm version	16.8" / 426 mm
	5" / 125 mm version	17.3" / 440 mm
	6" / 150 mm version	18.5" / 470 mm
	7" / 175 mm version	18.5" / 470 mm
E	3" / 75 mm version	6.5" / 164 mm
	3.5" / 90 mm version	6.5" / 164 mm
	4" / 100 mm version	7.2" / 184 mm
	5" / 125 mm version	9" / 228 mm
	6" / 150 mm version	9" / 228 mm
	7" / 175 mm version	9" / 228 mm

product data sheet

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MATCHING COUNTERPARTS TABLE

	TAILPIPE ADAPTER (Descr. / Dim. / Art.#) / Art.# SAP					
NOZZLE Descr. / Dim. Art.# old Art.# SAP	TPA 3" / 75 mm 90390-1-S 0000112503	TPA 3.5" / 90 mm 90390-1035 0000112498	TPA 4" / 100 mm 90380-1 0000112504	TPA 5" / 125 mm 90360-1 0000112505	TPA 6" / 150 mm 90360-6 0000112499	TPA 7" / 175 mm 90360-7 0000112500
MG - SBT 3" / 75 mm 90390-5 0000111395	✓	✓	–	–	–	–
MG - STR 3" / 75 mm 90392-5 0000111306	✓	✓	–	–	–	–
MG - SBT 4" / 100 mm 90380-5 0000111396	–	–	✓	–	–	–
MG - STR 4" / 100 mm 90382-5 0000111331	–	–	✓	–	–	–
MG - SBT 5">4" / 125>100 mm 702004-1 0000111399	–	–	–	✓	✓	✓
MG - STR 5">4" / 125>100 mm 702008-1 0000111363	–	–	–	✓	✓	✓
MG - SBT 5">5" / 125>125 mm 702006-1 0000111400	–	–	–	✓	✓	✓
MG - STR 5">5" / 125>125 mm 702010-1 0000111370	–	–	–	✓	✓	✓

APPROXIMATE GROSS WEIGHTS

MG COMBINATIONS	**SBT / STR**
3" / 75 mm	13 lbs / 6 kg
3.5" / 90 mm	14 lbs / 6,5 kg
4" / 100 mm	14 lbs / 6,5 kg
5" / 125 mm	15 lbs / 7 kg
6" / 150 mm	16 lbs / 7,5 kg
7" / 175 mm	16 lbs / 7,5 kg

Product type	**MAGNETIC GRABBER®**
Article no.	see remaining specifications
Product category	nozzles
Version	300317/1

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