

MAGNETIC GRABBER® BLACKARMOUR

VEHICLE EXHAUST REMOVAL SYSTEM

The Magnetic Grabber® BlackArmour 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 vehicle's tailpipe. The nozzle is used in conjunction with the conical tailpipe adapter (TPA) and is primarily used in the Fire and Emergency Services stations where the vehicles may be operated indoors for equipment checks and for exiting the building on emergency calls. The Magnetic Grabber® BlackArmour is a durable system that is resilient to the most extreme and aggressive road treatment conditions due to the zinc diffusion process which ensures maximum durability and exceptional corrosion resistance.



APPLICATIONS

The Magnetic Grabber® BlackArmour 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	<ul style="list-style-type: none"> • duplex coated steel • stainless steel • EPDM rubber
Color	<ul style="list-style-type: none"> • polished stainless steel • charcoal black finish
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
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

MATCHING COUNTERPARTS

NOZZLE (Descr. / Dim. / Art.#)	TAILPIPE ADAPTER (Descr. / Dim. / Art.#)					
	TPA BA 3" / 75 mm 0000112176	TPA BA 3.5" / 90 mm 0000112177	TPA BA 4" / 100 mm 0000112178	TPA BA 5" / 125 mm 0000112179	TPA BA 6" / 150 mm 0000112180	TPA BA 7" / 175 mm 0000112188
MG BA - SBT 3" / 75 mm 0000112120	✓	✓	-	-	-	-
MG BA - STR 3" / 75 mm 0000112100	✓	✓	-	-	-	-
MG BA - SBT 4" / 100 mm 0000112127	-	-	✓	-	-	-
MG BA - STR 4" / 100 mm 0000112108	-	-	✓	-	-	-
MG BA - SBT 5">4" / 125>100 mm 0000112130	-	-	-	✓	✓	✓
MG BA - STR 5">4" / 125>100 mm 0000112117	-	-	-	✓	✓	✓
MG BA - SBT 5">5" / 125>125 mm 0000112480	-	-	-	✓	✓	✓
MG BA - STR 5">5" / 125>125 mm 0000112479	-	-	-	✓	✓	✓

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 **MG BlackArmour™**
 Article no. see remaining specifications
 Product category nozzles
 Version 300317/1

Always check the latest version on www.plymovent.com