

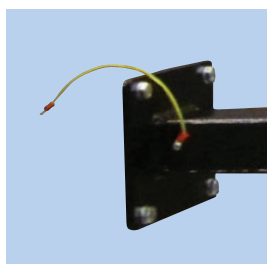
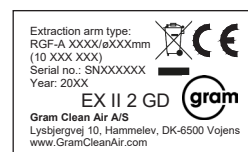


## RGF-A 2000 - 9000

- For ATEX zone 21/1 (2D/2G)
- Very large motion pattern - vertical
- Very lightweight extraction arm
- RGF-A can rotate free 360° for hose relief
- Mountings for wall
- Lengths 2 - 4m are connected to channel by nipple
- Lengths 5 - 9m are connected to channel by hose (not inclusive)
- Construction with external bar system
- Flow technical optimized hood
- Suitable for welding smoke, light dust and gases

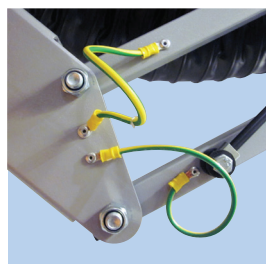
## ATEX zone 21 and 1

- Hose type S9-A in electrically conductive polyethylene with spirale in spring steel wire
- Hose bracket made in plastic
- Arm tested for electrical resistance in bonding circuit 2 - 30 Ohm. Resistance from arm surface to earthing must be less than 1G Ohm.
- Arm made with earth wire for earthing after mounting (see above)
- Hood made with manual damper. Packing in damper: Fabric rubber and handle in plastic.



### RGF-A 2000 - 4000

Wall fitting with earth cable.



### Bend

Bend bottom with earth cable connections to parallelogram.



### Joint

Intermediate plates at top joint with relief cables between construction parts.



### Hood

Hood additional joint and external arm connected with earth cables. Hood can angle in two directions.

Diameter	Hose type	Max. vacuum	Damper	See page
ø100-ø160mm	S9-A	1500 Pa	Yes	Group 8

RGF-A arm is designed with external joints, meaning air flow is increased, hose does not wear and service and adjustment are made easy.



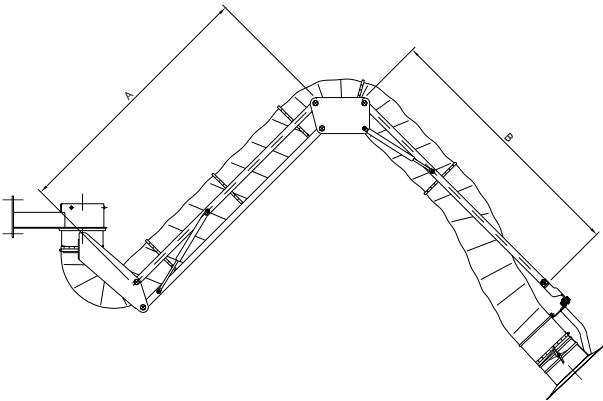
Colour: RAL 9005/colour code 9965 silver (structure)



**Gram Clean Air A/S**  
www.GramCleanAir.com

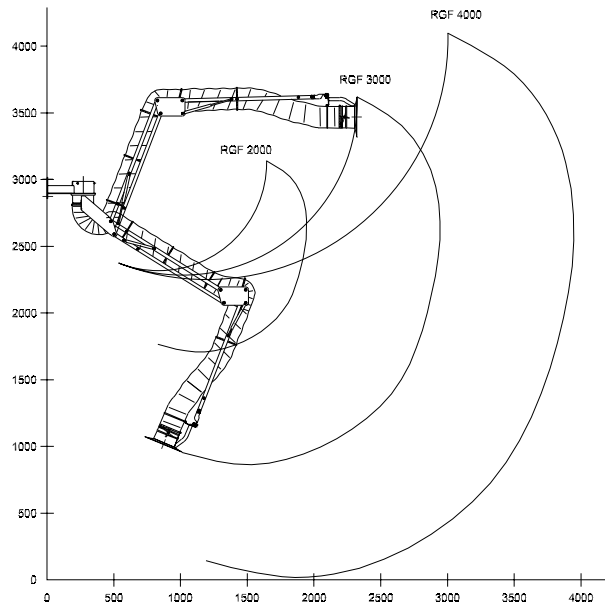
10.RGFA1

Type RGF-A 2000 - 4000:

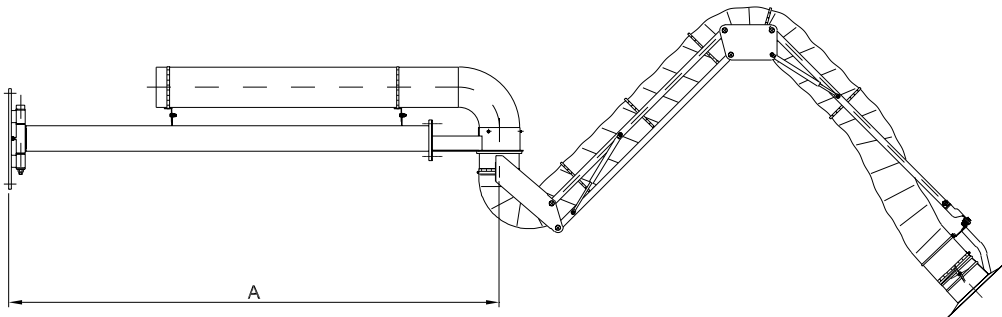


Type	Order no	A	B	Hose diameter
RGF-A 2000	10 123 000	500	500	ø100-ø160mm
RGF-A 3000	10 123 050	1000	1000	ø100-ø160mm
RGF-A 4000	10 123 100	1500	1500	ø100-ø160mm

Range RGF-A 2000 - 4000 (ø160mm):

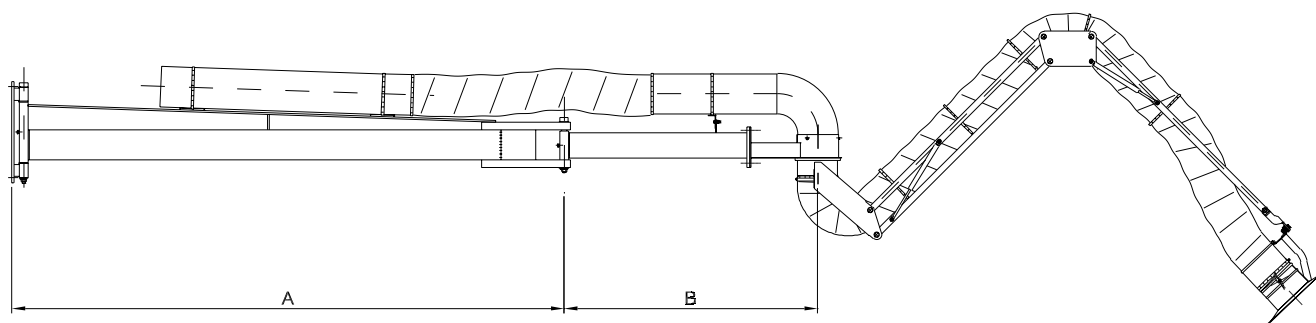


Extraction arm type RGF-A with extension arm/single swing arm:



Type	A	Hose diameter	Range (ø160mm)
RGF-A 4000E	1050	ø125-ø160mm	3950
RGF-A 5000	1950	ø125-ø160mm	4850

Extension arm/double swing arm, max. 9m (can be folded together against wall):

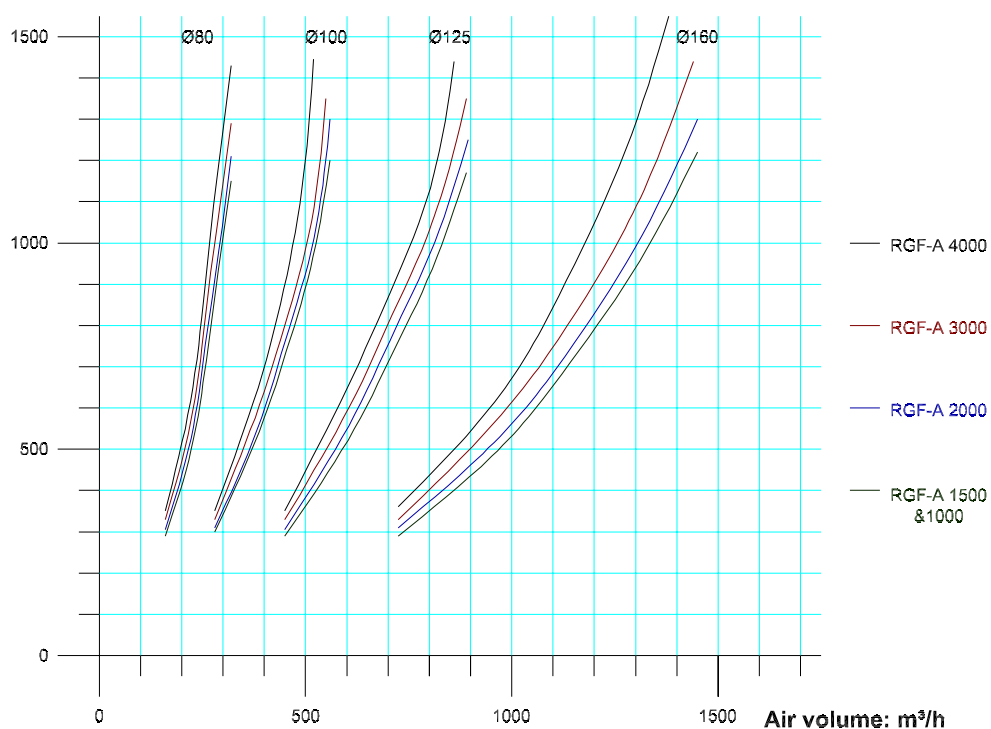


Type	A	B	Hose diameter	Range (ø160mm)
RGF-A 6000	2185	1000	ø125-ø160mm	6085
RGF-A 7000	2185	1895	ø125-ø160mm	6980
RGF-A 8000	3185	1895	ø125-ø160mm	7980
RGF-A 9000	3185	1895	ø125-ø160mm	8980

Performance curve for RGF-A 1000 - 4000 (ø80 - ø160mm):

Performance: Pa

Performance curve RGF-A extraction arm



Performance table for cantilever joints for RGF-A (ø125 - ø160mm):

Diameter	ø125mm	ø160mm
at m³/h	600	1000
2m joint	70 Pa	70 Pa
2m + 1m joint	150 Pa	150 Pa
2m + 2m joint	185 Pa	185 Pa
3m + 2m joint	220 Pa	220 Pa