

YOGB - Extraction arms



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YOGB extraction arms are designed for effective extraction of welding dust and gas contamination, as well as other small dust particles, directly at the emission source. It is important not to allow the contamination to expand in the process room, preventing it from being inhaled by people. The extraction arms can be applied in any areas where the workspace is limited.

Often used in welding schools where the welding booths are very small. The extraction arm can work independently, with a single extraction fan or connected to the main collecting ductwork with a central fan.

Volumes

Ø160 = 1000 m³/h

Material

AISI 304 (1.4301) pipe elements, aluminum structure and PVC hoses

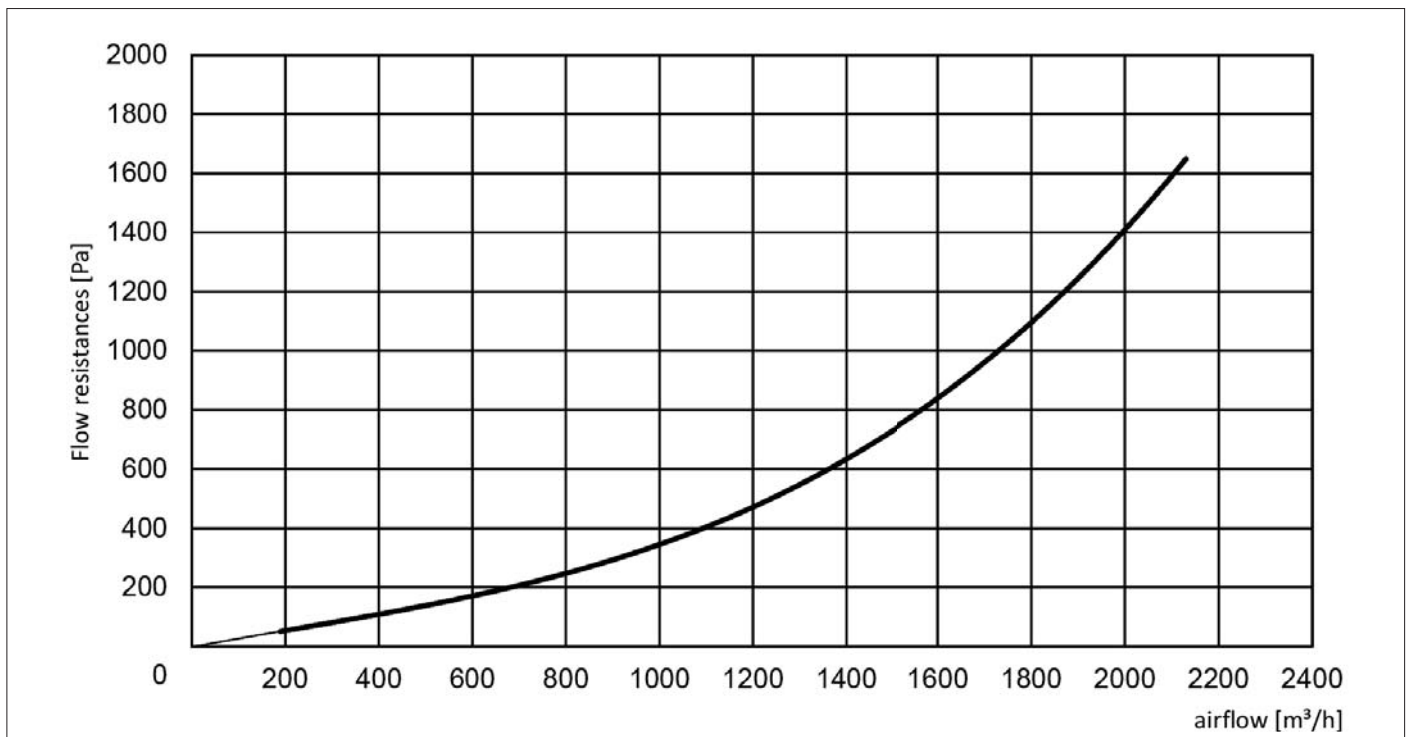
Structure

Swivel,
Suction hood with shut-off damper,
Telescopic pipe segments (for the YOGB-1600, the structure is telescopic inside the flexible hose)

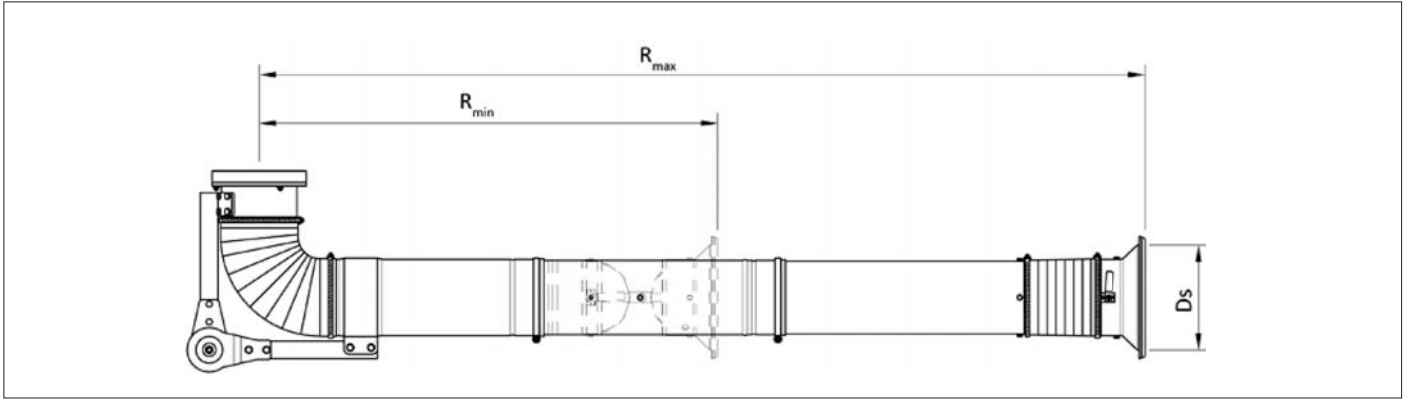
Accessories

- Other suction hoods
- Integrated light mounted on hood
- Wall bracket

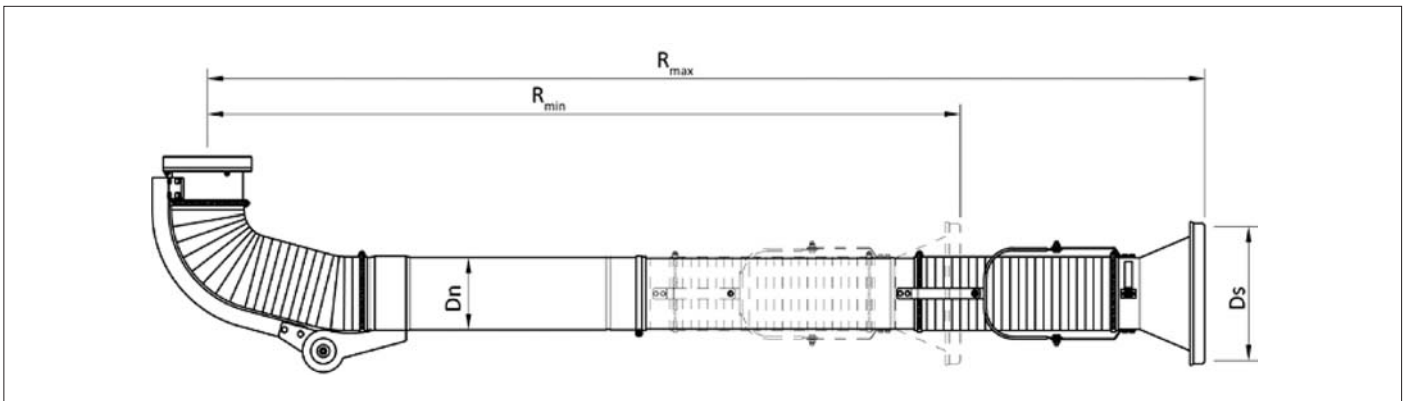
Pressure loss on extraction arm type YOGB



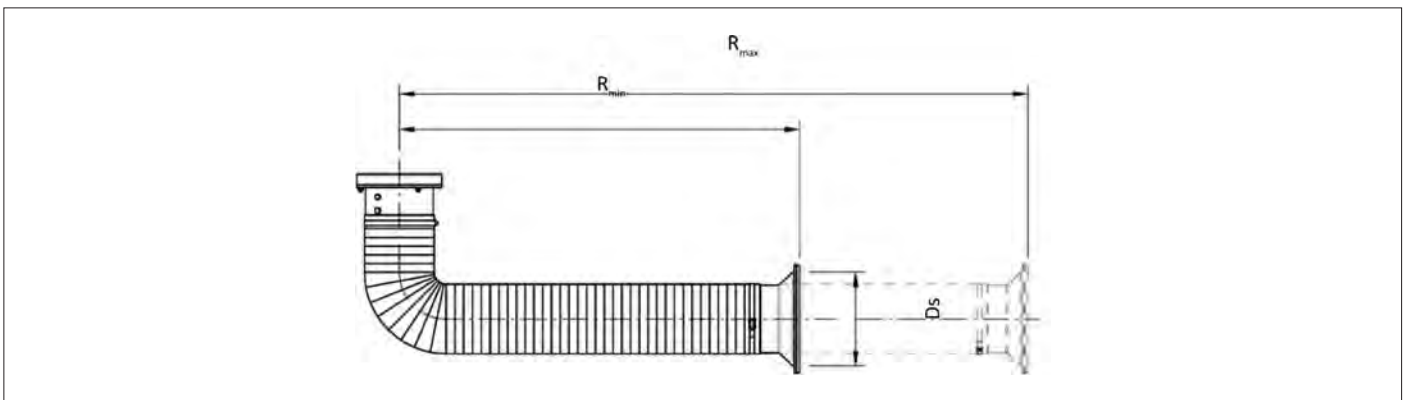
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Model	Code	Ds (mm)	Aiflow (m ³ /h)	# of segments	R min (mm)	R max (mm)	Weight (kg)
YOGB-L/3-2000	KAAC000004	235	1000	3	1000	2000	13.0

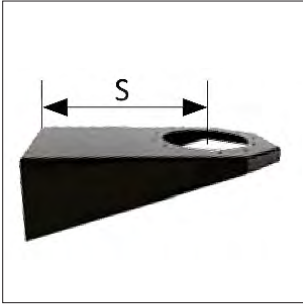


Model	Code	Ds (mm)	Aiflow (m ³ /h)	# of segments	R min (mm)	R max (mm)	Weight (kg)
YOGB-L/2-2000	KAAC000002	315	1000	2	1600	2000	11.5
YOGB-L/2-2400	KAAC000003	315	1000	2	1800	2400	13.0
YOGB-L/2-3000	KAAC000005	315	1000	3	1850	3000	15.0



Model	Code	Ds (mm)	Aiflow (m ³ /h)	# of segments	R min (mm)	R max (mm)	Weight (kg)
YOGB-L/2-1600	KAAC000001	235	1000	1	1000	1600	10.0

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Wall support

Wall support to mount extraction arm directly on a wall or structure.

Material

St 37.2 black steel powder coated

For model	Code	Dn (mm)	S (mm)	Weight (kg)
YOGB-L	KAZA000003	160	320	4.6



Suction hood

Also available with integrated halogen light.

Material

Aluminum

For model	Code group	Z (mm)	T (mm)	H (mm)	Weight (kg)
YOGB-L	KAZC	275	170	170	0.65
YOGB-L	KAZC	340	175	175	0.72



Replacement grill

To insure that no bigger particles are sucked in the arm.

Material

Wire mesh

For model	Code group	Weight (kg)
YOGB-L	KAZD	0.10