

Smoke extraction

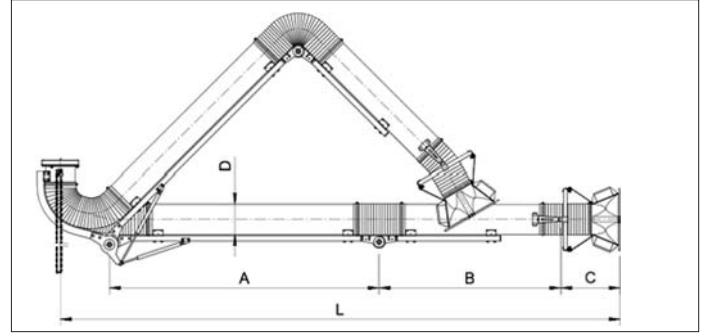
Extraction arms

Extraction tables

Extraction walls

Reel exhaust extractors

YOGA - Extraction arms



YOGA - Extraction arms

The YOGA extraction arms are designed for dust and welding fumes extraction as well as capturing fine dust particles. The pollutants are captured directly at the emission source, avoiding their expansion within the work space and of being inhaled by the workers.

The arms are manufactured in a hanging or standing version in different lengths.

The extraction arms can work independently, with a single extraction fan or it can be connected to a main duct with a central extraction fan.

These extraction arms are produced according to the following harmonized directives/standards :

- 2006/42/EC ; Machine directives
- EN ISO 12100-1:2012

Volumes

- Ø100 = 350 m³/h
- Ø125 = 700 m³/h
- Ø160 = 1000 m³/h
- Ø200 = 2000 m³/h

Material

St 37.2 black steel powder coated, galvanized structure, PVC flexible hoses

Structure

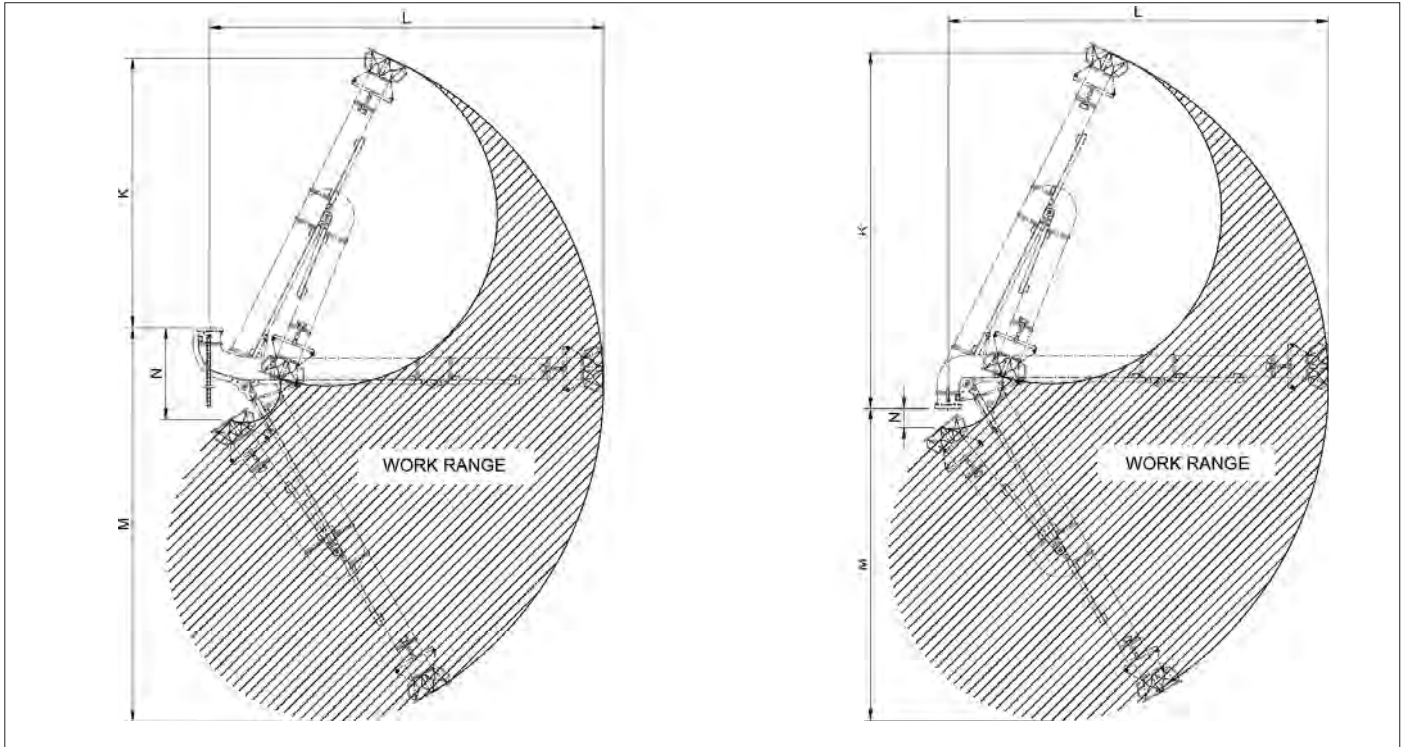
Swivel,
Plastic hood with integrated handle,
Pipe segments with integrated frictional joints,
Gas springs to balance the pipe segments.

Accessories

- Swivel with integrated shut-off damper
- Other suction hoods
- Integrated light mounted on hood
- Wall bracket

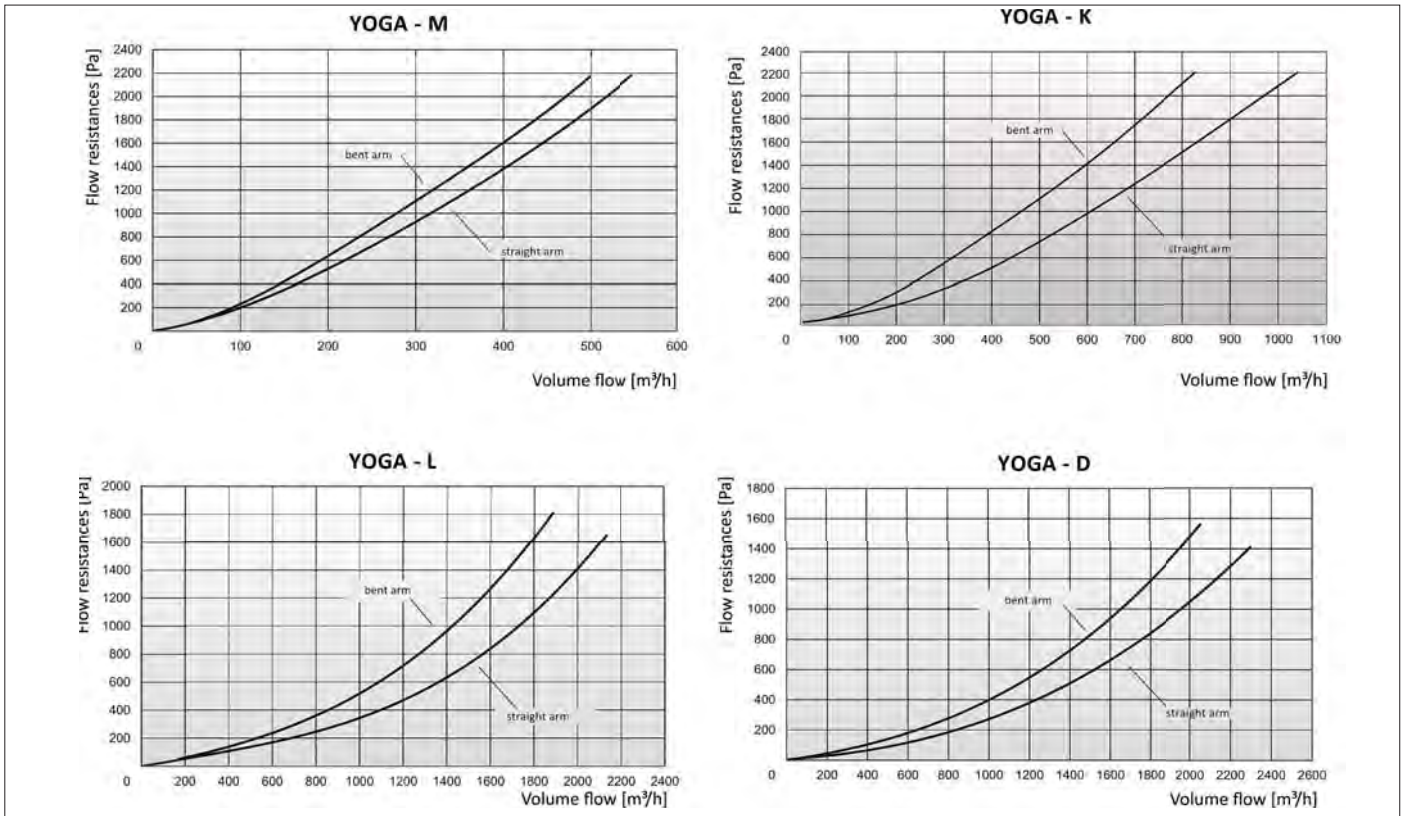
Model	Code	Dn (mm)	L (mm)	A (mm)	B (mm)	C (mm)	Weight (kg)
YOGA-M/1,5	KAAA000001	100	1800	630	555	335	10.0
YOGA-M/2	KAAA000002	100	2200	960	675	335	11.0
YOGA-K/2	KAAA000003	125	2300	1055	650	335	12.5
YOGA-K/3	KAAA000004	125	3000	1540	915	335	14.0
YOGA-L/2	KAAA000005	160	2300	905	790	335	17.5
YOGA-L/3	KAAA000006	160	3150	1530	1030	335	19.5
YOGA-L/4	KAAA000007	160	3800	1910	1260	335	22.0
YOGA-D/2	KAAA000008	200	2300	645	790	335	19.0
YOGA-D/3	KAAA000009	200	3150	1530	1030	335	22.5
YOGA-D/4	KAAA000010	200	3800	1910	1260	335	25.0

YOGA - Extraction arms



YOGA - Extraction arms reach dimensions

Model	Hanging version				Standing version			
	K (mm)	L (mm)	M (mm)	N (mm)	K (mm)	L (mm)	M (mm)	N (mm)
YOGA-L & D 2	1400	2300	2400	600	2000	2200	1700	0
YOGA-L & D 3	2200	3200	3200	750	2850	2850	2500	150
YOGA-L & D 4	2700	3800	3700	1200	3650	3650	3000	500



YOGA - Extraction arms



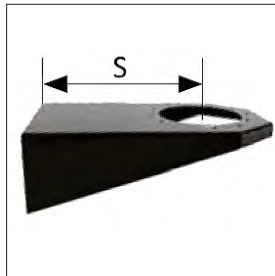
Coupling ferrule with flange

Coupling ferrule with flange to connect a flexible hose, or ducting to the wall support.

Material

St 37.2 black steel powder coated Sendzimir plate

For model	Code	Dn (mm)	Hole pattern (mm)	Weight (kg)
YOGA M/ & K	KAZX000001	125	6 x Ø6.5 on Ø110	0.5
YOGA-L	KAZX000002	160	6 x Ø6.5 on Ø160	0.7
YOGA-D	KAZX000003	200	8 x Ø9.5 on Ø195	0.9



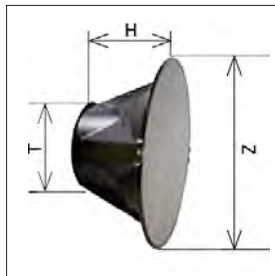
Wall support

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)
YOGA M/ & K	KAZA000001	125	250	3.0
YOGA-L	KAZA000003	160	320	4.6
YOGA-D	KAZA000004	200	340	6.1



Suction hood

Standard model with integrated handle. Also available with integrated halogen light.

Material

ABS plastic

For model	Code group	Z (mm)	T (mm)	H (mm)	Weight (kg)
YOGA M	KAZC	330	100	190	0.35
YOGA-K	KAZC	330	125	190	0.44
YOGA-L	KAZC	365	170	190	0.42
YOGA-D	KAZC	415	210	190	0.53



Replacement grill

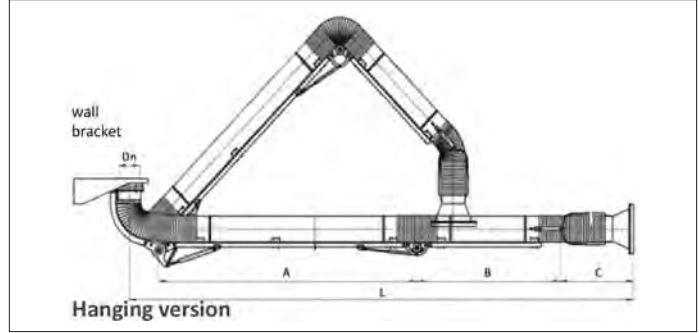
To insure that no bigger particles are sucked in the arm.

Material

Wire mesh

For model	Code Group	Weight (kg)
YOGA M/ & K	KAZD	0.08
YOGA-L	KAZD	0.10
YOGA-D	KAZD	0.15

YOGEX - ATEX Extraction arms



YOGEX - Extraction arms

The YOGEX extraction arms are designed for capturing the dust and gases arising during technological processes, in areas of explosion risk, where explosive atmosphere can occur, as a mixture of flammable substances in form of dust or gases in the air. YOGEX extraction arms are classified as devices of group II, category 2, for gaseous risk G and dust risk D.

The devices guarantee high level of protection therefore they can be applied in areas 1(G) or 21(D). Admissible temperature of the transported air is +70°C.

Earthing

All the steel elements are joined together by copper wires that ensure the conductivity of the whole and conduct the electrostatic discharges to the grounding of the installation with a superficial resistance <math><10^6 \Omega</math>.

These extraction arms are produced according to the following harmonized directives/standards :

- 2006/42/EC ; Machine directives
- 2014/34/EC ; ATEX directives
- EN ISO 12100-1:2012
- EN ISO 80079-36:2016-07
- EN ISO 80079-37:2016-07
- EN 1127-1:2011
- EN 13463-1:2010
- EN 13463-5:2012
- E-05200:1992

Material

AISI 304 (1.4301) pipe elements and structure, conductive PU hoses, Bolts, washers and rivets are A2 material according to PN-EN ISO 7089.

Structure

Full-rotation stainless steel swivel with stainless steel shut-off damper, Two stainless steel pipe segments with textolite frictional spacers joints, Conductive polyurethane hose sections with steel wire spiral, stainless steel gas springs.

Accessories

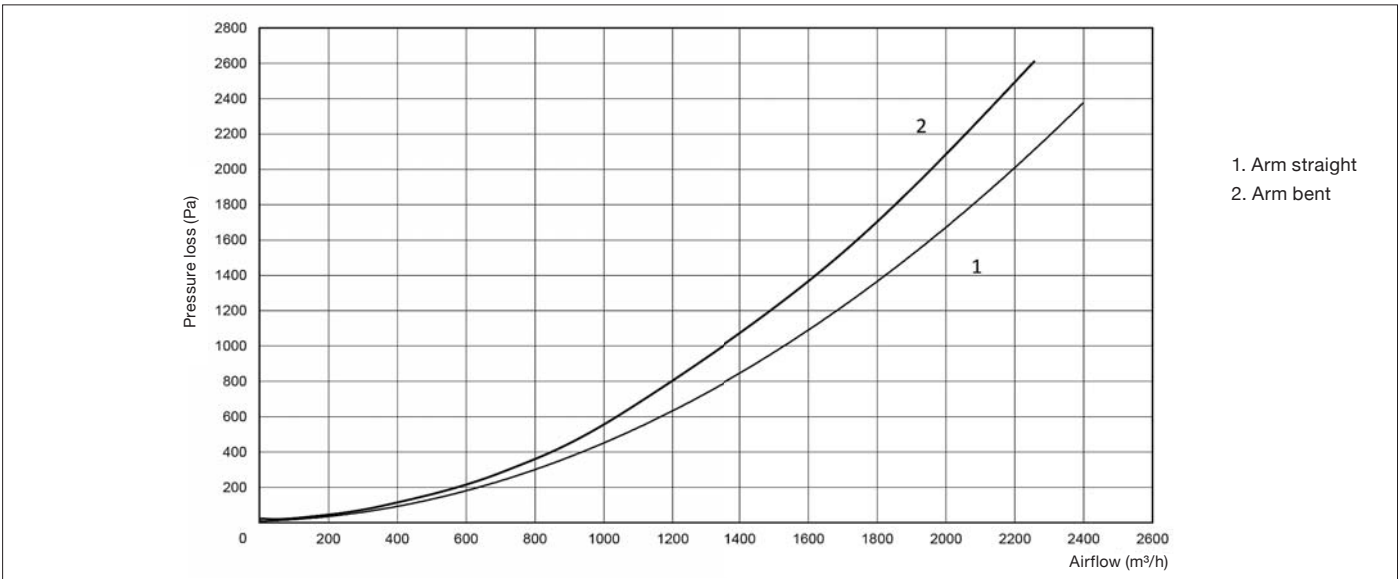
- Other suction hoods
- Wall bracket

! YOGEX extraction arms are manufactured according to the ATEX 95 (2014/34/EC) directive and carry the Research Certificate No 737/Cw/001 issued by the Technical Supervision Office.

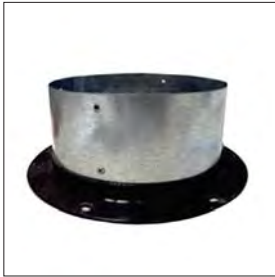
Model	Code	Dn (mm)	L (mm)	A (mm)	B (mm)	C (mm)	Weight (kg)
YOGEX-L/2	KAAD000001	160	2280	947	580	534	22.5
YOGEX-L/3	KAAD000002	160	3100	1527	820	534	25.5
YOGEX-L/4	KAAD000003	160	3710	1907	1050	534	28.0

YOGEX - ATEX Extraction arms

Pressure loss on extraction arm type YOGEX



1. Arm straight
2. Arm bent



Coupling ferrule with flange

Coupling ferrule with flange to connect a flexible hose, or ducting to the wall support.

Material
AISI 304 (1.4301)

For model	Code	Dn (mm)	S (mm)	Weight (kg)
YOGEX-L	KAZX000004	160	6 x Ø6.5 on Ø160	0.7

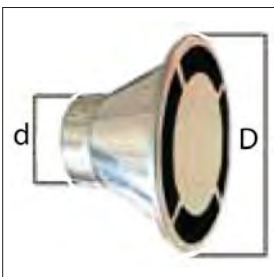


Wall support

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

Material
AISI 304 (1.4301)

For model	Code	Dn (mm)	S (mm)	Weight (kg)
YOGEX-L	KAZA000005	125	250	3.0



Suction hood

Standard model

Material
AISI 304 (1.4301)

For model	Code	d (mm)	D (mm)	H (mm)	Weight (kg)
YOGEX-L	KAZC	330	100	109	1.3

YOGB - Extraction arms



YOGB - Extraction arms

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

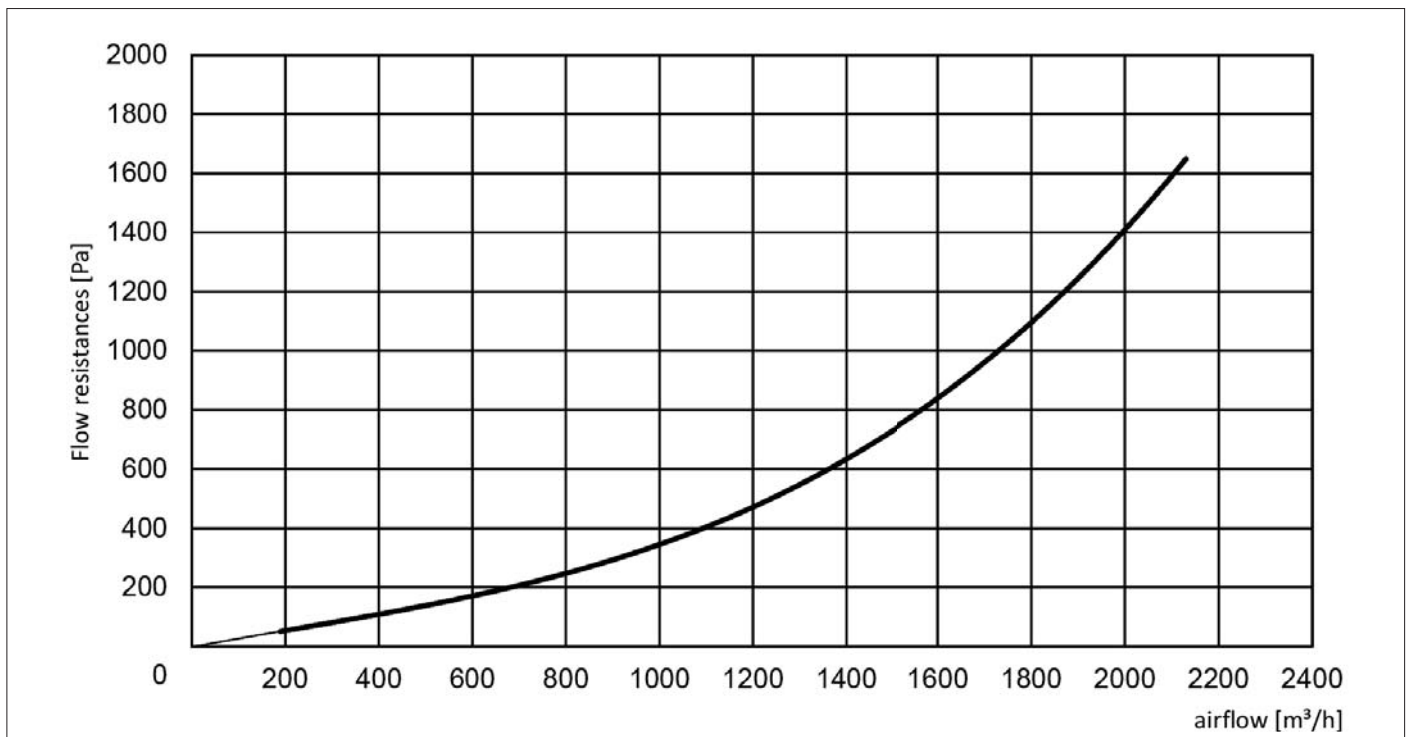
Structure

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

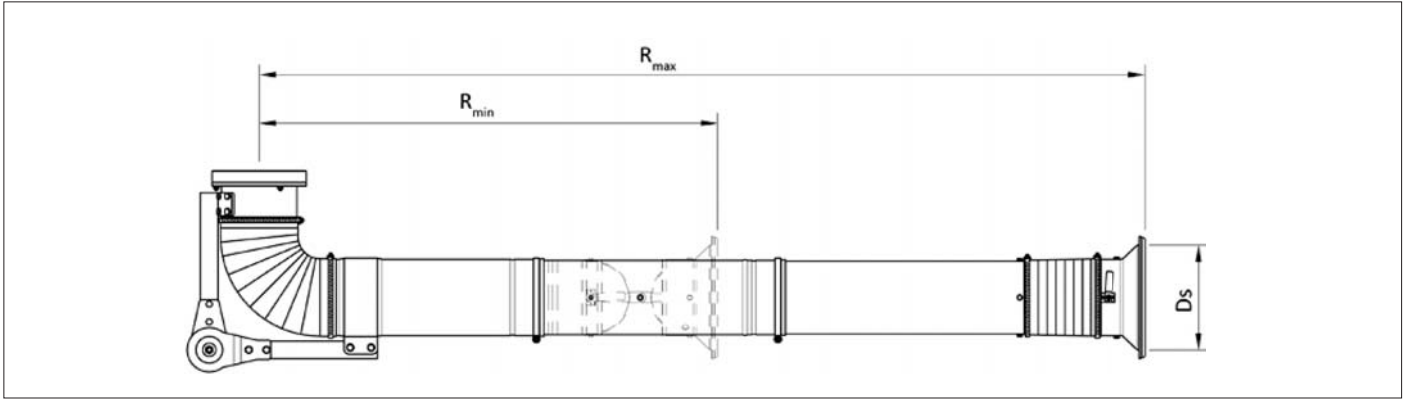
Accessories

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

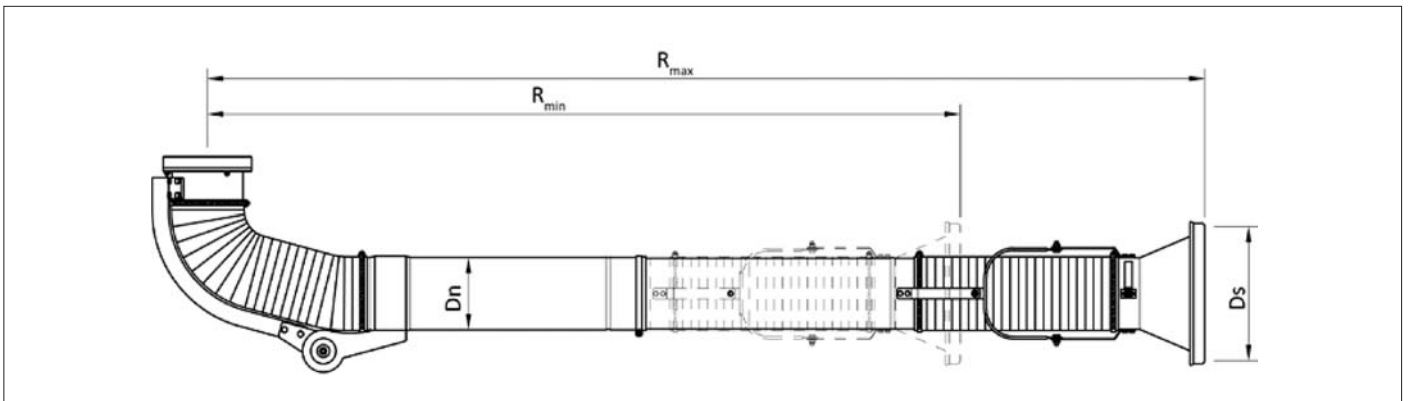
Pressure loss on extraction arm type YOGB



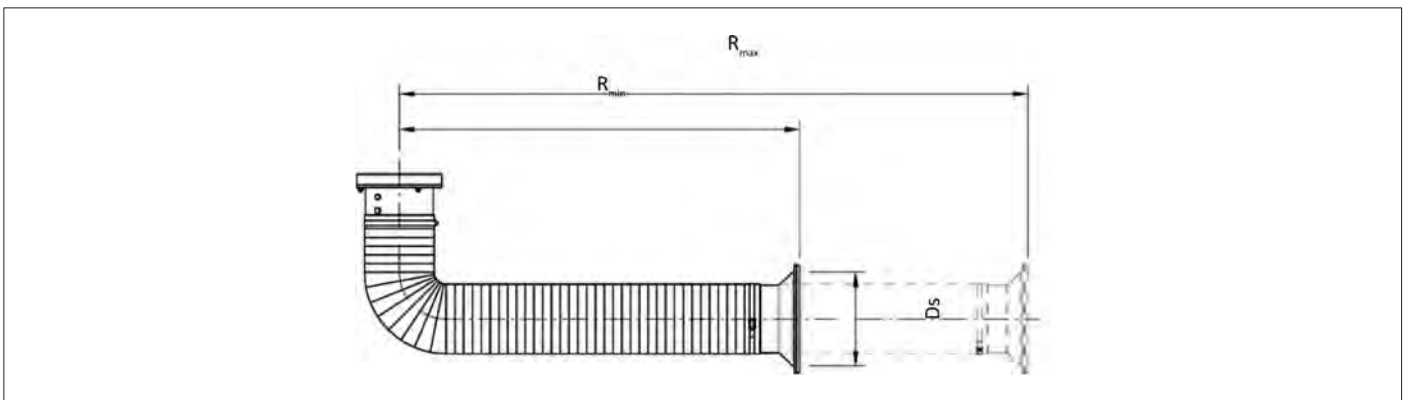
YOGB - Extraction arms



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

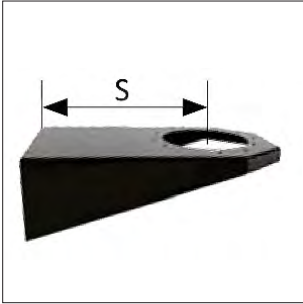


Model	Code	Ds (mm)	Aiflow (m ³ /h)	# of segments	R min (mm)	R max (mm)	Weight (kg)
YOGB-L/2-2000	KAAC000002	315	1000	2	1600	2000	11.5
YOGB-L/2-2400	KAAC000003	315	1000	2	1800	2400	13.0
YOGB-L/2-3000	KAAC000005	315	1000	3	1850	3000	15.0



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

YOGB - Extraction arms



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

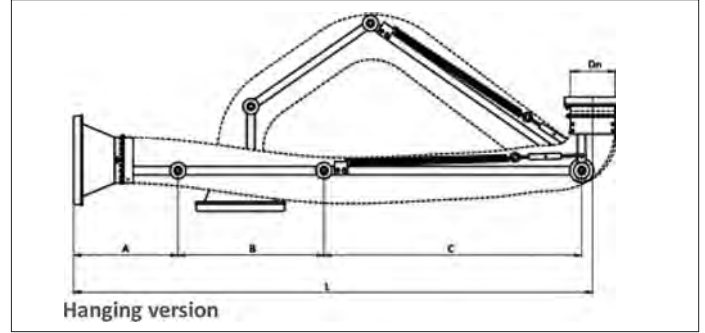
To insure that no bigger particles are sucked in the arm.

Material

Wire mesh

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

YOGF - Extraction arms



YOGF - Extraction arms

Available in hanging or standing versions, the YOGF extraction arms are designed for dust and welding fume extraction, as well as the capturing of fine dust particles. The pollutants are captured directly at the emission source, avoiding their expansion within the room and inhaling by people.

Adequately adjusted frictional joints, along with the springs, provide convenient arm manoeuvring and position adjustment. The suction hood can be equipped with a halogen spotlight to light up the workspace.

Use a wall bracket to mount the arm on a wall or column. Additionally, the wall bracket can be connected to an extraction fan to work independently or to a connection ferrule to connect to the main collecting ductwork with a central fan.

Material

Aluminum profiles integrated in a flexible hose

Structure

Swivel,
Hood,
Flexible hose sleeved over the supporting structure,
Tension springs to balance the arm.

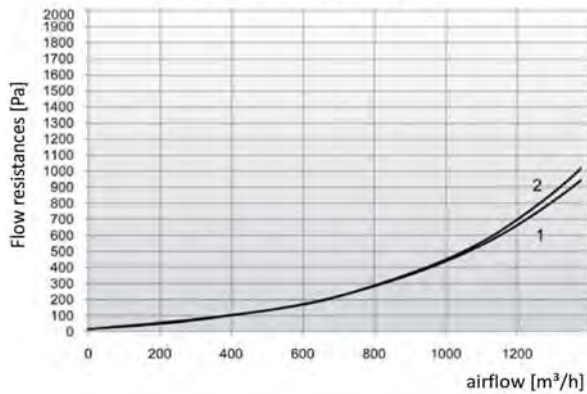
Accessories

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

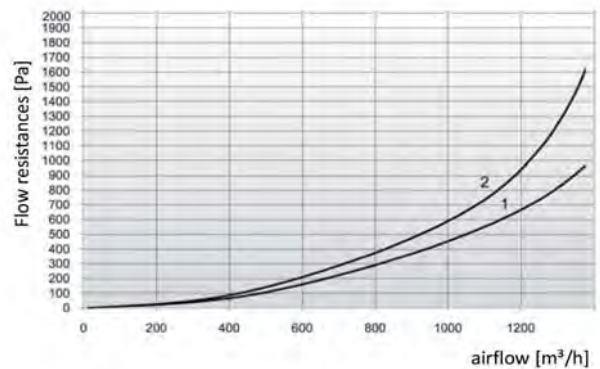
Volumes

$\varnothing 160 = 1000 \text{ m}^3/\text{h}$

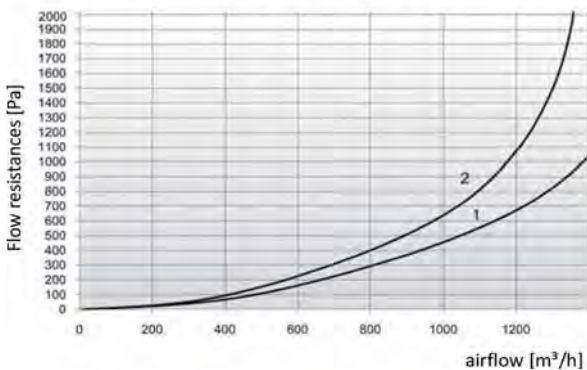
Flow chart of the YOGF – length 2 m



Flow chart of the YOGF – length 3 m



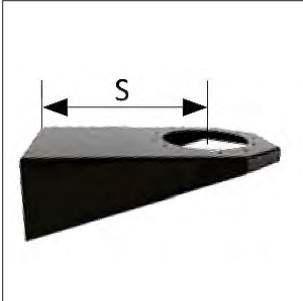
Flow chart of the YOGF – length 4 m



1. Stretched arm
2. Bent arm

YOGF - Extraction arms

Model	Code group	Dn (mm)	L (mm)	A (mm)	B (mm)	C (mm)	Weight (kg)
YOGF-2	KAAB	160	2000	396	553	976	6.0
YOGF-3	KAAB	160	3000	396	953	1531	8.0
YOGF-4	KAAB	160	4000	396	1253	2031	9.0



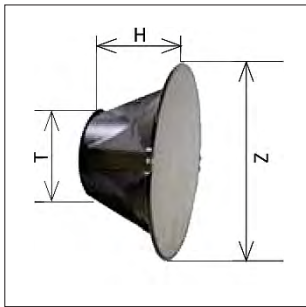
Wall support

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)
YOGF-L	KAZA000003	160	320	4.6



Suction hood

Also available with integrated halogen light.

Material

ABS plastic

For model	Code group	Z (mm)	T (mm)	H (mm)	Weight (kg)
YOGF-L	KAZC	365	170	190	0.42



Replacement grill

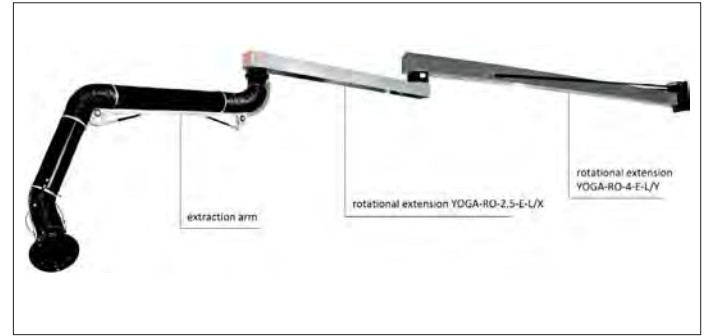
To insure that no bigger particles are sucked in the arm.

Material

Wire mesh

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

YOGA-RO-L/X - Extension arms



YOGA-RO-L/X - Extension arms

The YOGA-RO-L/X rotational extensions increase the range of the hanging YOGA extraction arms.

In the basic version, at the end of the rotational extension is fastened a YOGA extraction arm. Whereas, in the “broken” version – YOGA arm has to be fastened at the end of the set consisting of two rotational extensions.

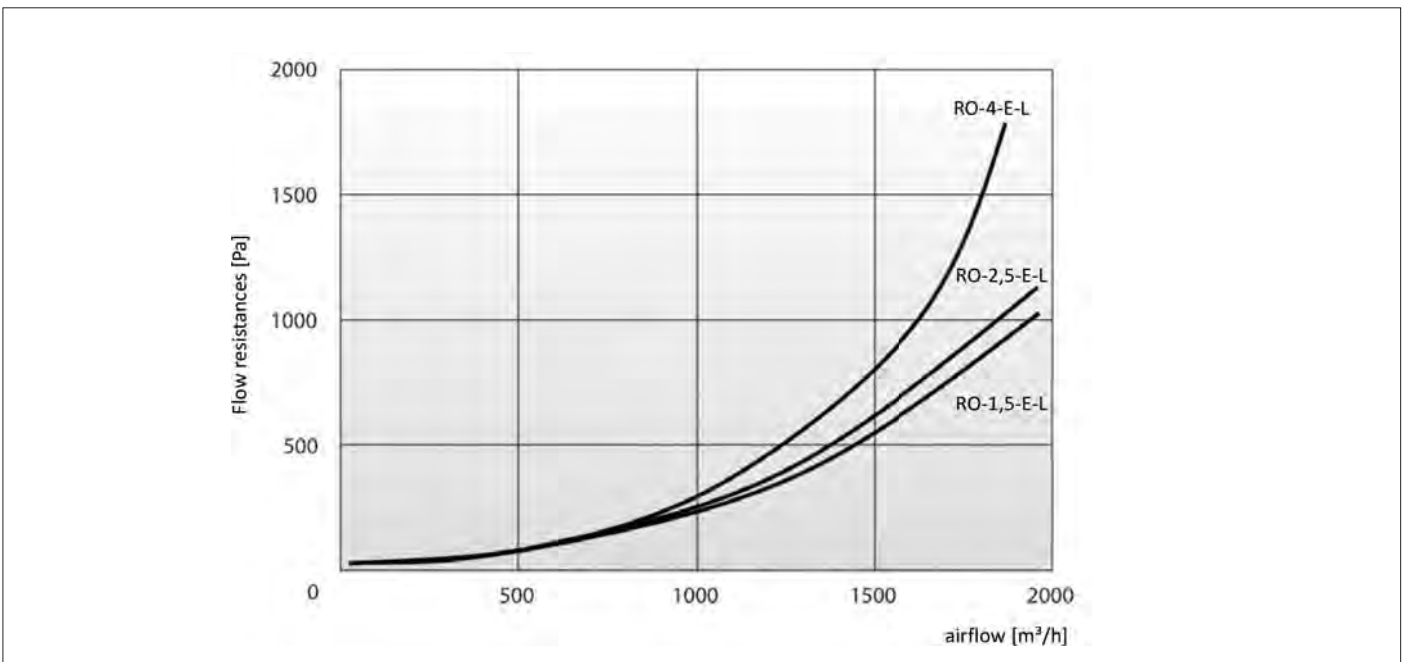
Material

Steel square duct

Structure

Steel duct of rectangular section in 1,5 and 2,5 m equipped with swivels made of aluminium cast rings with a roller bearing, the other rotational extensions have steel swivels with slide bearings.

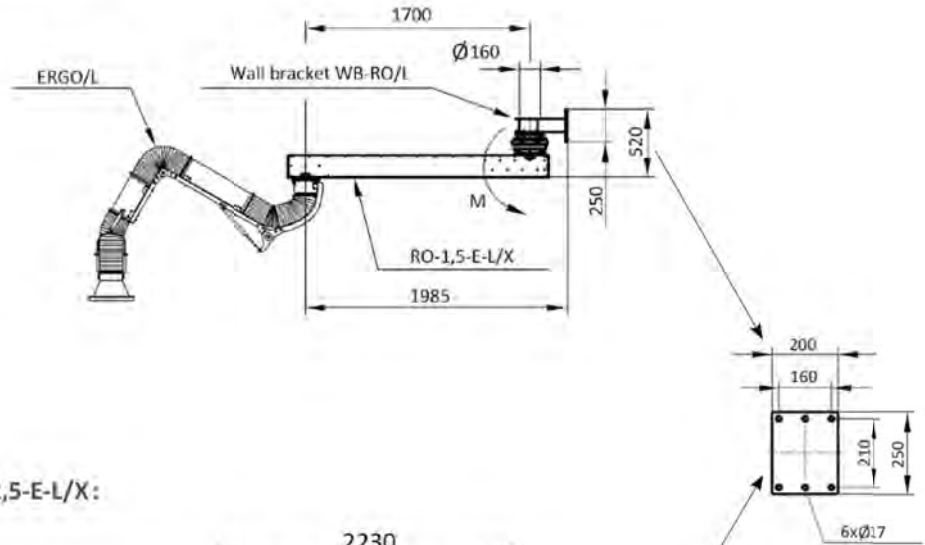
Pressure loss on extension arm type YOGA-RO



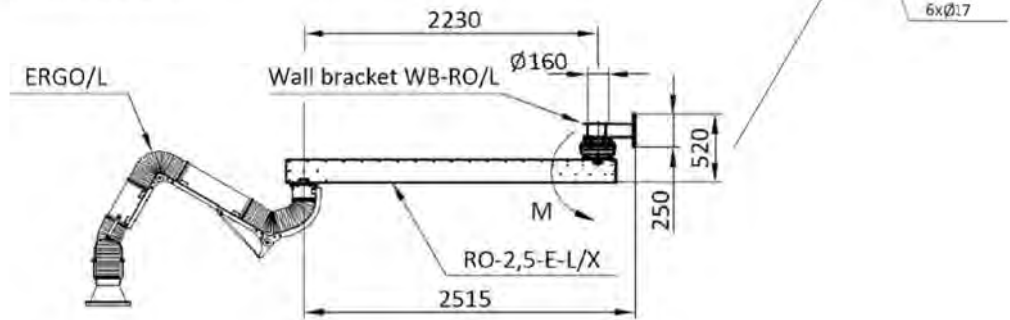
Model	Code group	Connection (mm)	Max torque (Nm)	Weight (kg)
YOGA-RO-1.5-L/X	KAZB	160	1400	46.0
YOGA-RO-2.5-L/X	KAZB	160	1700	51.0
YOGA-RO-4-L/X	KAZB	160	3100	84.0
YOGA-RO-2.5-L/Y	KAZB	160	4400	68.0
YOGA-RO-4-L/Y	KAZB	160	6400	98.0

YOGA-RO-L/X - Extension arms

Rotational extension YOGA-RO-1,5-E-L/X:

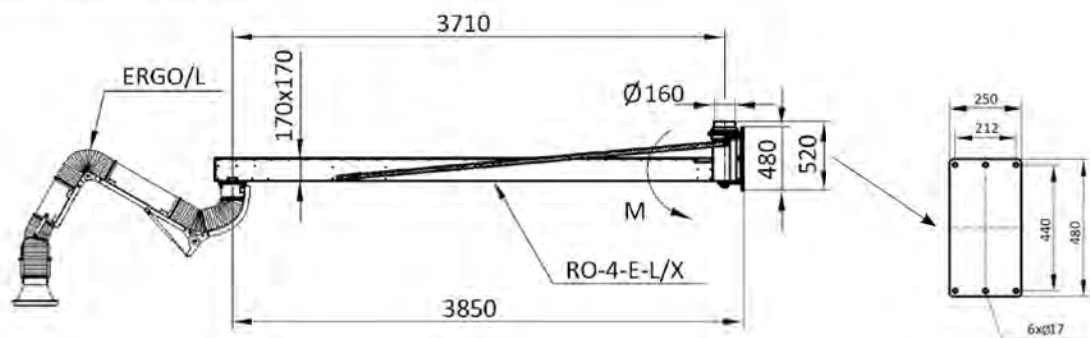


Rotational extension YOGA-RO-2,5-E-L/X:

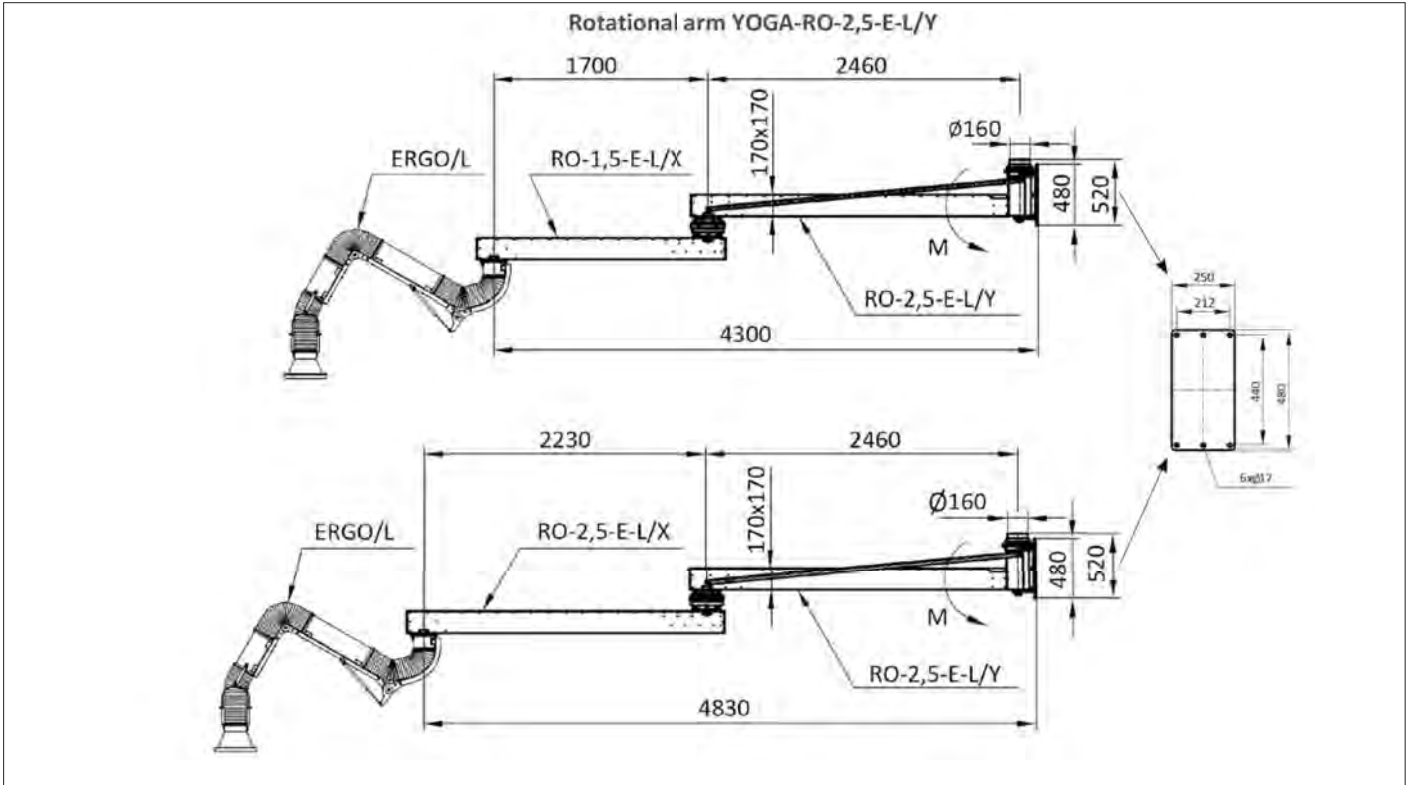


Rotational extensions type YOGA-RO-E-L/X are adapted to connect the YOGA-L extraction arm at its free end. The rotational extensions YOGA-RO-1,5 and YOGA-RO-2,5 have to be mounted to the wall of the room by means of a YOGA-RO/L wall bracket, whereas the YOGA-RO-4-E-L/X can be directly mounted on to the wall.

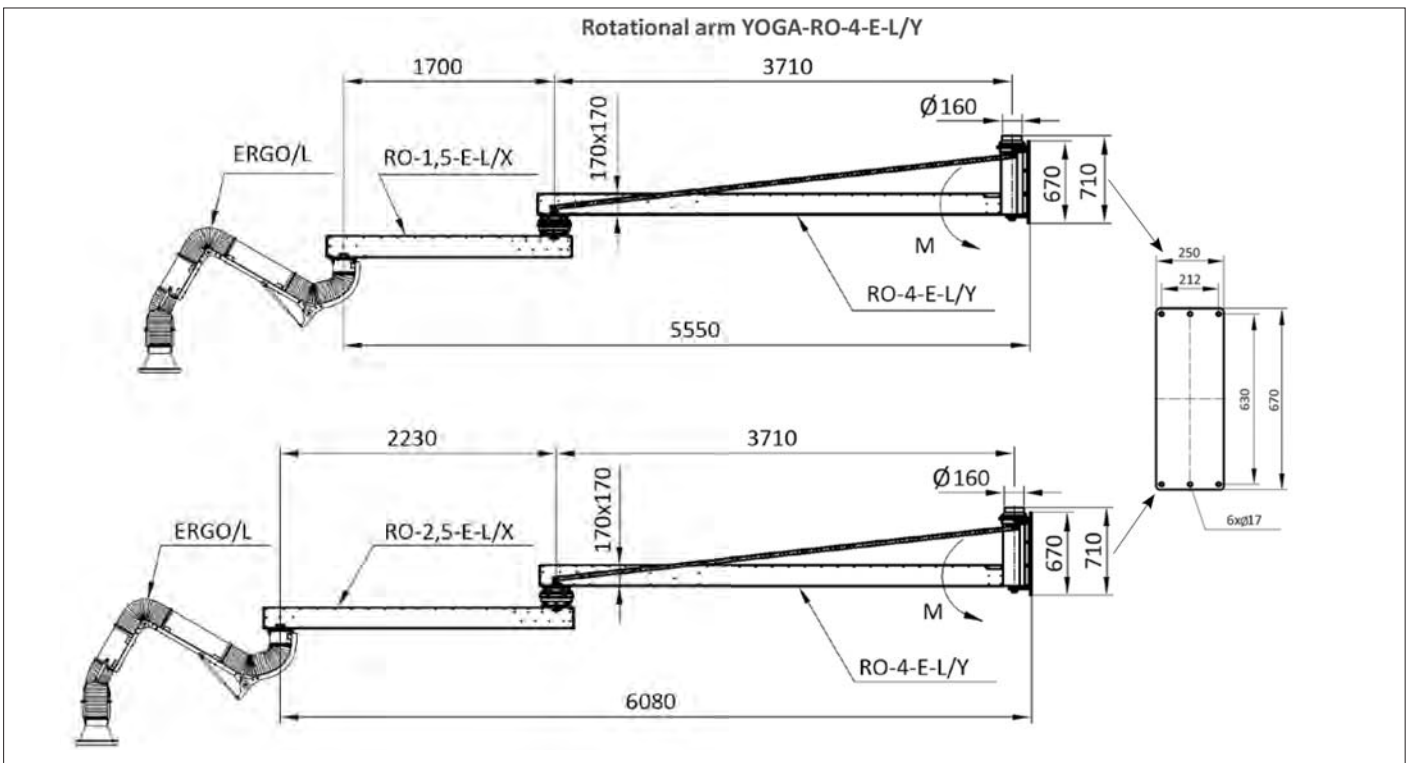
Rotational extension YOGA-RO-4-E-L/X



YOGA-RO-L/X - Extension arms



The rotational extension YOGA-RO-E-L/Y has been designed to connect the YOGA-RO-1,5-E-L/X or YOGA-RO-2,5-E-L/X rotational extension together with the YOGA-L extraction arm. The rotational extension is mounted directly to the wall.



The YOGA-RO/L bracket serves to install the rotational extensions YOGA-RO-1,5-E-L/X or YOGA-RO-2,5-E-L/X. The wall bracket is optional equipment of the rotational extensions – it has to be ordered separately.

Extensions YOGA-RO-4-E-L/X, YOGA-RO-2,5-E-L/Y and YOGA-RO-4-E-L/Y are not equipped with a flange to mount an extraction fan.

M – maximum torque applying load on the arm.

YOGA-KOS-AL - Rail system for extraction arms



YOGA-KOS-AL - Rail system for extraction arms

YOGA-KOS-AL extraction system has been developed to be combined with the YOGA and YOGF extraction arms.

Available in several lengths, they can be assembled to form a rail several meters long and can be operated by one or two extraction fans, depending on the quantity of applied YOGA extraction arms (one YOGA arm is cooperating with one fan).

During welding, the operator slides the YOGA extraction arm with the trolley along the suction rail. The hood of the arm ought to be adjusted in a distance ca. 30 cm from the welding point. Low movement resistances of the trolley and easy adjustment of the hood provides perfect manoeuvring of the whole system. After the completed work at one manoeuvring post, close the shut-off damper (placed at the hood) to improve the suction volume in the second extraction arm. Two extraction arms can be installed at one suction duct simultaneously.

Material

2m or 4m aluminum rail segments with integrated rubber flaps

Structure

Self-tightening suction rail – type KOS-AL,

Trolley – displacing along the duct,



Extraction arm YOGA or YOGF suspended underneath the trolley (sold separately),

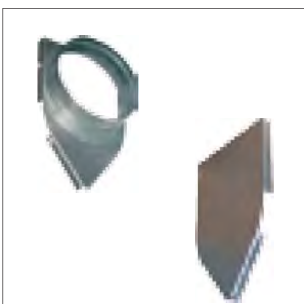
Fitting pieces and supporting elements – see list below.

Accessories

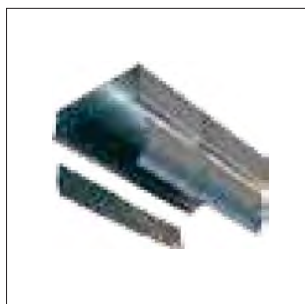
- Support for wall or ceiling mounting
- Connection ferrule
- End cap
- Segment connector
- Terminal stopper

! Design for extraction arms Ø160 of maximum 3 meters long.

Model	Picture	Code group	description	Segment length (mm)	Section (cm ²)	Weight (kg)
YOGA-KOS-AL		KAZB	Self-tightening rail	2000 or 4000	290	9.7
YOGA-KOS-TR		KAZB	Extraction arm trolley	-	-	9.0



Connection ferrule & End cap



Segment connector

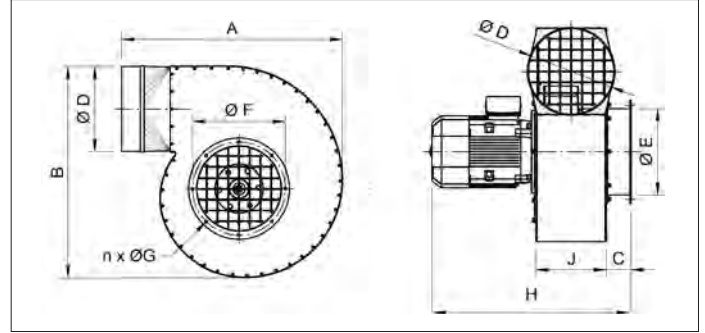


Wall and ceiling supports



Terminal stopper

YOFAN - Extraction fans



YOFAN - Extraction fans

These fans are designed for local ventilation. They are installed on wall brackets inside the buildings (indoor application). As they can overcome significant air flow resistances, they are particularly efficient within the systems of local exhausts.

Maximum temperature of the conveyed air is +60°C. Maximum temperature within the work area +40°C.

Maximum dust concentration of the conveyed air should not exceed 0,3 g/m³.

The fans meet the following requirements :

- 2006/42/EC ; Machine directives
- ErP 2009/125/EC Directive.

Material

ST37.2 powder coated steel housing
Aluminum radial impeller

Structure

The fan is composed of a housing, an impeller and a motor. The radial aluminum impeller is designed for low noise levels and is directly mounted on the B5 motor. The inlet is foreseen from a flange to directly connect to the extraction fan wall support. The outlet is ended with a round ferrule to easily connect to a flexible or rigid conduit. For safety reason, the inlet and outlet are equipped with a protective grill. It is recommended to install a silencer at the fan inlet and outlet.

Accessories

- Support for floor mounting
- Safety switches
- Wall bracket

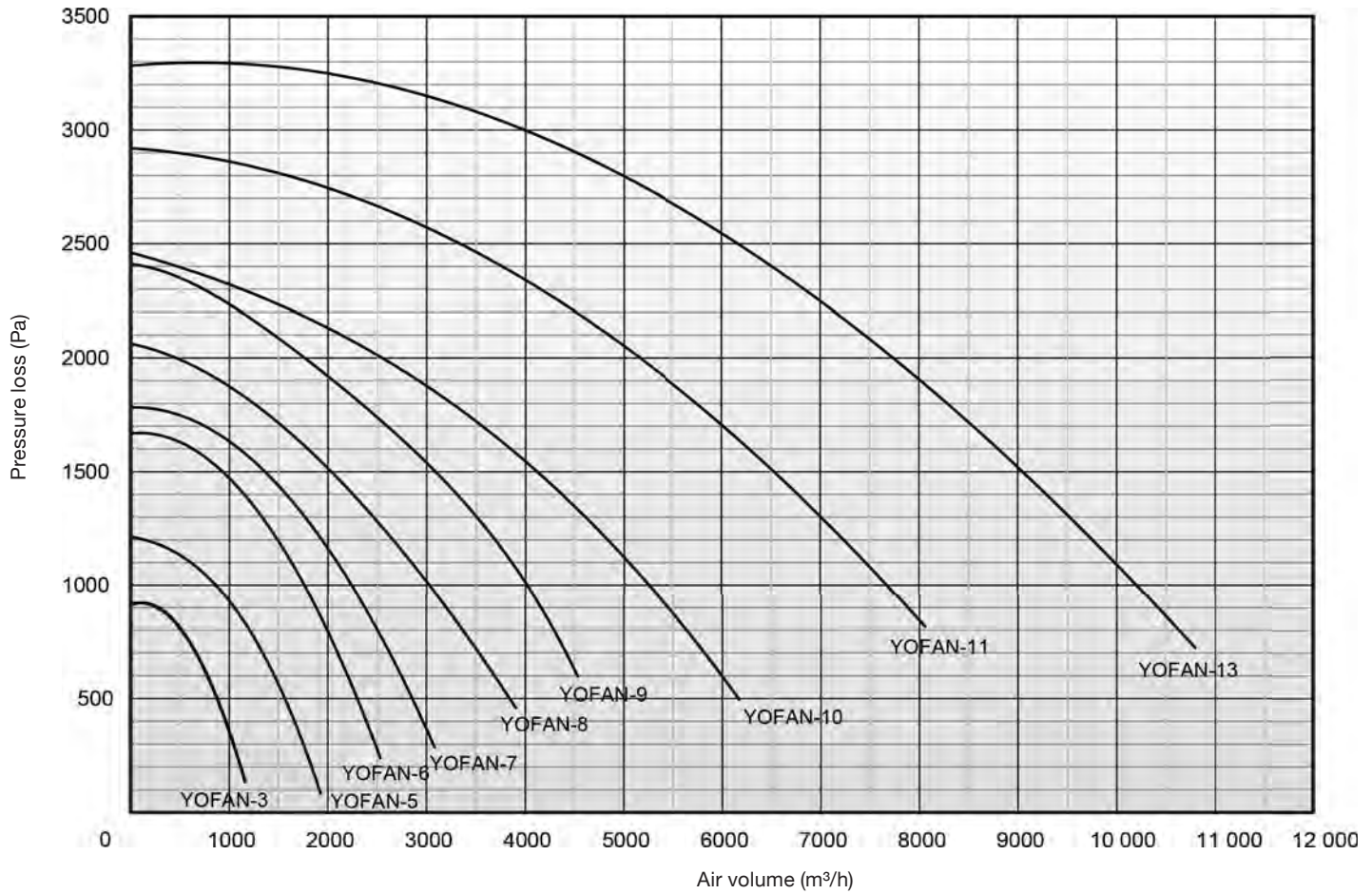
! Also available manufactured according to the ATEX 95 (2014/34/EC) directive.

Model	Code	Speed (rpm)	Voltage (V)	Power (kW)	Protection (IP)	Noise level (dB[A])	Airflow (m ³ /h)	Max Vacuum (Pa)	Weight (kg)
YOFAN-3-1	KABA000001	3000	230	0.37	54	64/56*	1160	940	14.0
YOFAN-3-3	KABA000002	3000	3 x 400	0.37	54	64/56*	1160	940	14.0
YOFAN-5-1	KABA000003	3000	230	0.37	54	62/53*	1900	1250	17.0
YOFAN-5-3	KABA000004	3000	3 x 400	0.37	54	62/53*	1900	1250	17.0
YOFAN-6-1	KABA000005	3000	230	0.75	54	69/61*	2500	1700	21.0
YOFAN-6-3	KABA000006	3000	3 x 400	0.75	54	69/61*	2500	1700	21.0
YOFAN-7-1	KABA000007	3000	230	1.1	54	72/60*	3100	1800	23.0
YOFAN-7-3	KABA000008	3000	3 x 400	1.1	54	72/60*	3100	1800	23.0
YOFAN-8-3	KABA000009	3000	3 x 400	1.5	54	74/64*	3900	2050	29.0
YOFAN-9-3	KABA000010	3000	3 x 400	2.2	54	77/68*	4500	2400	36.0
YOFAN-10-3	KABA000011	3000	3 x 400	3.0	54	77/67*	6200	2450	50.0
YOFAN-11-3	KABA000012	3000	3 x 400	5.5	54	83/74*	8050	2950	64.0
YOFAN-13-3	KABA000013	3000	3 x 400	7.5	54	85/76*	10800	3300	85.0

* Measurement has been carried out with the additional L = 500 mm silencer installed at the fan inlet and outlet (L = 370 mm silencer on the YOFAN-3).

YOFAN - Extraction fans

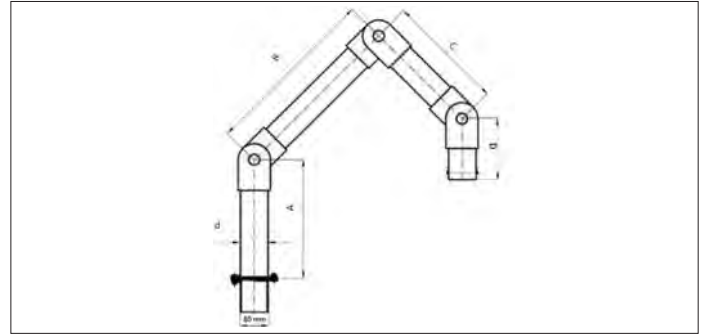
Curves



Dimensions

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	n x ØG
YOFAN-3-1	415	385	50	125	125	155	7.0	400	130	6
YOFAN-3-3	415	385	50	125	125	155	7.0	400	130	6
YOFAN-5-1	485	480	60	160	160	194	7.0	420	140	6
YOFAN-5-3	485	480	60	160	160	194	7.0	420	140	6
YOFAN-6-1	500	505	60	160	160	194	7.0	445	140	6
YOFAN-6-3	500	505	60	160	160	194	7.0	445	140	6
YOFAN-7-1	550	520	60	200	16+0	194	7.0	160	155	6
YOFAN-7-3	550	520	60	200	16+0	194	7.0	160	155	6
YOFAN-8-3	570	550	60	200	200	246	9.0	490	155	8
YOFAN-9-3	615	615	60	200	200	246	9.0	510	155	8
YOFAN-10-3	655	625	80	250	250	274	9.0	670	232	8
YOFAN-11-3	675	645	80	250	250	274	9.0	380	232	8
YOFAN-13-3	805	780	90	315	315	344	9.0	735	258	8

YOGA-MINI - Extraction arms



YOGA-MINI - Extraction arms

Acid-proof extraction arms YOGA-MINI are designed to remove dust and gas impurities arising in workplaces during processes of low emission of contamination in the chemical-, pharmaceutical-, electronic industries as well as in jewellery workshops. They can be mounted directly on the table top or to the side of the table with a table mount.

Due to the self-adjustable frictional joints and swivel, the user can set the arm in the most convenient work position. The elements of the extraction arm are constructed of acid-proof materials.

Manufactured in two diameters Ø50 and Ø75, the pipe of the swivel contains a shut-off damper and can make a full rotation around the vertical axis.

Material

PVC, polyamide and Stainless steel

Components

- Swivel with a vertical pipe
- Three adjustable pipe segments
- Elbow joints with adjustment of the frictional moment

Accessories

- Plastic suction hood
- Stainless steel hoods
- Table mount

Dimensions

Model	Work range (mm)	Resistance at 120 m³/h (Pa)	d (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
YOGA-MINI-50	700	490	60	250	350	250	100	2.1
YOGA-MINI-75	900	220	75	250	450	350	125	3.5

Accessories

Model	Reference	Material	Ø d (mm)	Ø D (mm)	L (mm)	Weight (kg)
Suction point Ø50	YOGAMINI050POINT	PVC	70	-	180	0.12
Suction point Ø75	YOGAMINI075POINT	PVC	85	-	200	0.19
Small hood Ø50	YOGAMINI050HOOD1	AISI 304	64	158	70	0.12
Small hood Ø75	YOGAMINI075HOOD1	AISI 304	76	200	80	0.18
Big hood Ø50	YOGAMINI050HOOD2	AISI 304	64	182	80	0.18
Big hood Ø75	YOGAMINI075HOOD2	AISI 304	76	222	90	0.20
Table mount	YOGAMINIMOUNT	AISI 304	80	-	30	0.45



Suction point
For point extraction.



Small hood
Small AISI 304 dome hood for fume extraction.

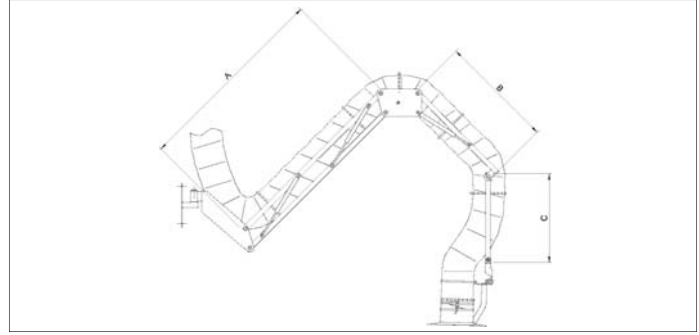


Big hood
Big AISI 304 dome hood for fume extraction.



Table mounting
Easy table top side mounting with this support.

LGF - Extraction arms



LGF - Extraction arms

Cheap and versatile extraction arm mounted on a metal structure for wall mounting suitable for welding smoke, light dust and gases.

Available in two or three segments depending on the length of the model.

Segments are equipped with gas springs excepted for the last segment which is equipped with friction joints for better positioning.

Material

St 37.2 black steel powder coated RAL 9005 (frame)

Hoses

Black PP hose for Ø50 (up to 35000 Pa vacuum)

Grey PVC hose for Ø63 up to Ø200 (up to 1500 Pa vacuum)

Accessories

- Other suction hoods
- Slant cut hood for soldering
- Light mounted on hood
- Quick-coupling for hose extension
- Other hoses

Model	Reach (mm)	Diameter (Ø mm)	# segments	A (mm)	B (mm)	C (mm)	Weight (kg)
LGF1000	1000	50 - 160	2	350	350	-	
LGF1500	1500	50 - 200	2	600	600	-	
LGF2000	2000	80 - 200	2	500	500	-	
LGF3000	3000	80 - 200	2	1000	1000	-	
LGF4000	4000	80 - 200	2	1500	1500	-	
LGF3000X	3000	80 - 200	3	1000	580	450	
LGF4000X	4000	80 - 200	3	1500	730	800	

Performance table for cantilever joints for LGF (ø80 - ø200 mm) as well as range:

Ø (mm)	Air speed (m³/h)	1m Joint (Pa)	2m Joint (Pa)	2m + 1m Joint (Pa)	2m + 2m Joint (Pa)	3m + 2m Joint (Pa)
80	250	50	50	100	125	145
100	400	50	50	100	125	145
125	600	60	70	150	185	220
160	1000	60	70	150	185	220
200	1600	60	70	150	185	220



Quick coupling

Can be equipped with quick coupling for extension hose.



Switch - hood

Spotlight and start/stop-switch available.



Soldering hood

Slant cut hood with built-in damper.

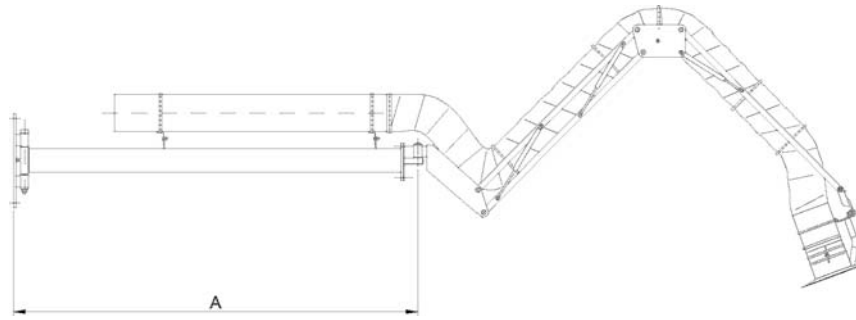


Gas springs

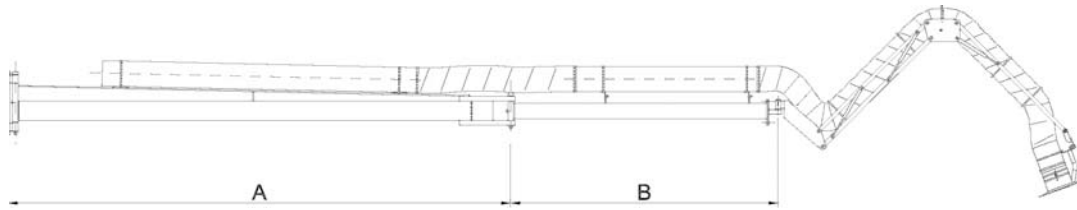
Balanced with gas springs.

LGF - Extraction arms

LGF400E & 5000E :



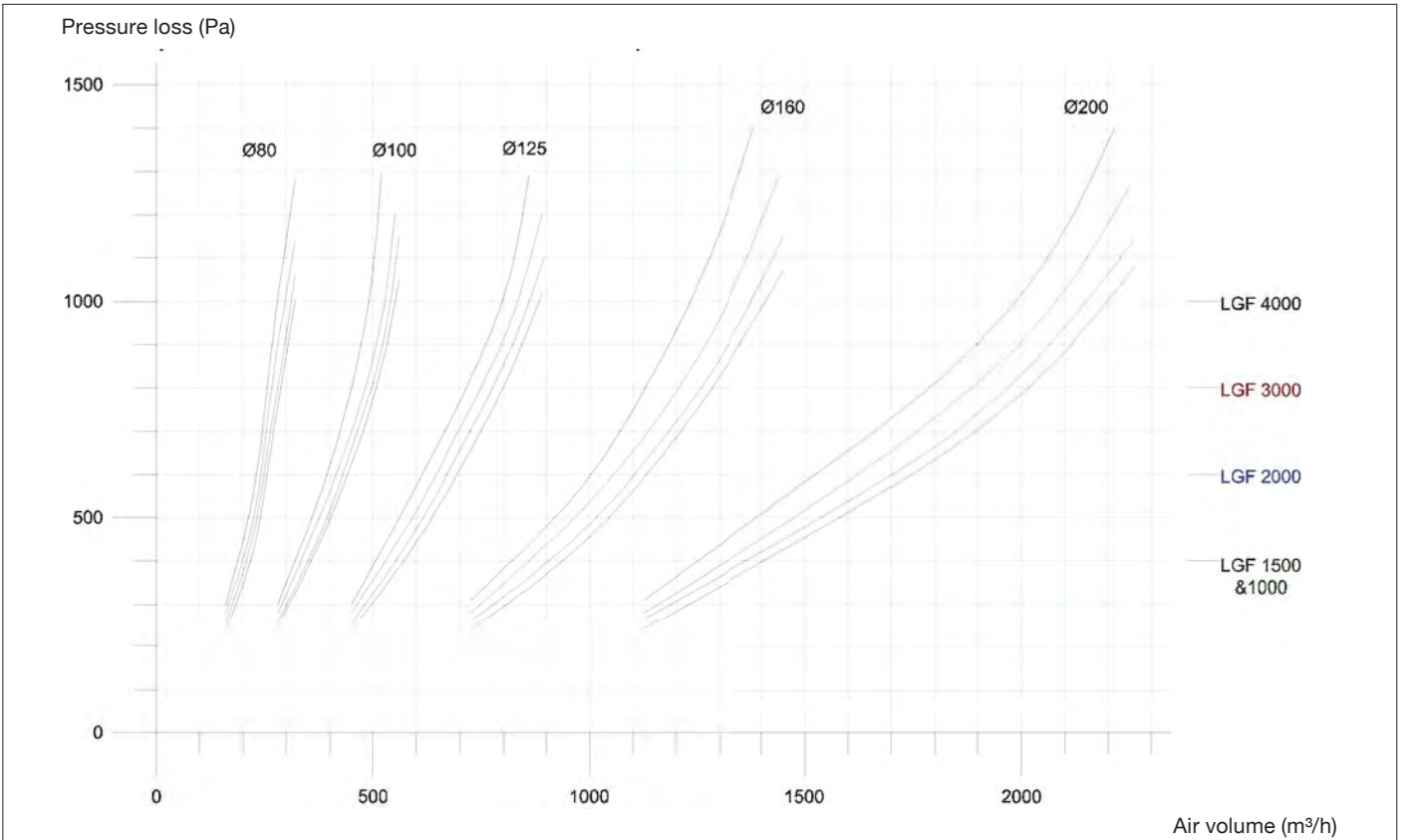
LGF6000E to 9000E :



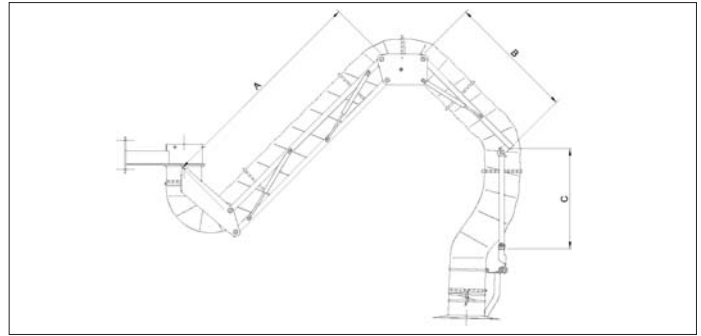
Extension model	Reach (mm)	Diameter (Ø mm)	# segments	A (mm)	B (mm)	C (mm)	Weight (kg)
LGF4000E	3665	80 - 200 ¹⁾	1	915	-	-	
LFG5000E	4560	80 - 200 ¹⁾	1	1810	-	-	
LGF6000E	5855	80 - 200 ¹⁾	2	2185	870	-	
LGF7000E	6750	80 - 200 ¹⁾	2	2185	1765	-	
LGF8000E	7750	80 - 200 ¹⁾	2	3185	1765	-	
LGF9000E	8850	80 - 200 ¹⁾	2	3185	1765	-	

¹⁾ for sizes ø80-ø100 mm, the console is with ø125 mm for pipe connection with a reduction for hose side. Pipe connection will be ø125mm.

Performance curve for LGF 1000 - 4000 (ø80 - ø200 mm) :



RGF - Extraction arms



RGF - Extraction arms

Versatile extraction arm mounted on a metal structure and integrated wall support for wall mounting suitable for welding smoke, light dust and gases.

Available in two or three segments depending on the length of the model.

Segments are equipped with gas springs excepted for the last segment which is equipped with friction joints for better positioning.

Material

St 37.2 black steel powder coated RAL 9005 (frame)

Hose

Grey PVC hose for Ø125 up to Ø200 (up to 1500 Pa vacuum)

Accessories

- Other suction hoods
- Slant cut hood for soldering
- Light mounted on hood
- Quick-coupling for hose extension
- built-on fan
- Other hoses

Model	Reach (mm)	Diameter (Ø mm)	# segments	A (mm)	B (mm)	C (mm)	Weight (kg)
RGF2000	1500	125 - 200	2	500	500	-	
RGF3000	2500	125 - 200	2	1000	1000	-	
RGF4000	3500	125 - 200	2	1500	1500	-	
RGF3000X	2500	125 - 200	2	1000	1000	-	
RGF4000X	3500	125 - 200	2	1500	1500	-	

Performance table for cantilever joints for RGF (ø80 - ø200 mm) as well as range:

Ø (mm)	Air speed (m³/h)	2m Joint (Pa)	2m + 1m Joint (Pa)	2m + 2m Joint (Pa)	3m + 2m Joint (Pa)
100	400	50	100	125	145
125	600	70	150	185	220
160	1000	70	150	185	220
200	1600	70	150	185	220



Quick coupling

Can be equipped with quick coupling for extension hose.



Switch - hood

Spotlight and start/stop-switch available.



Built-on fan

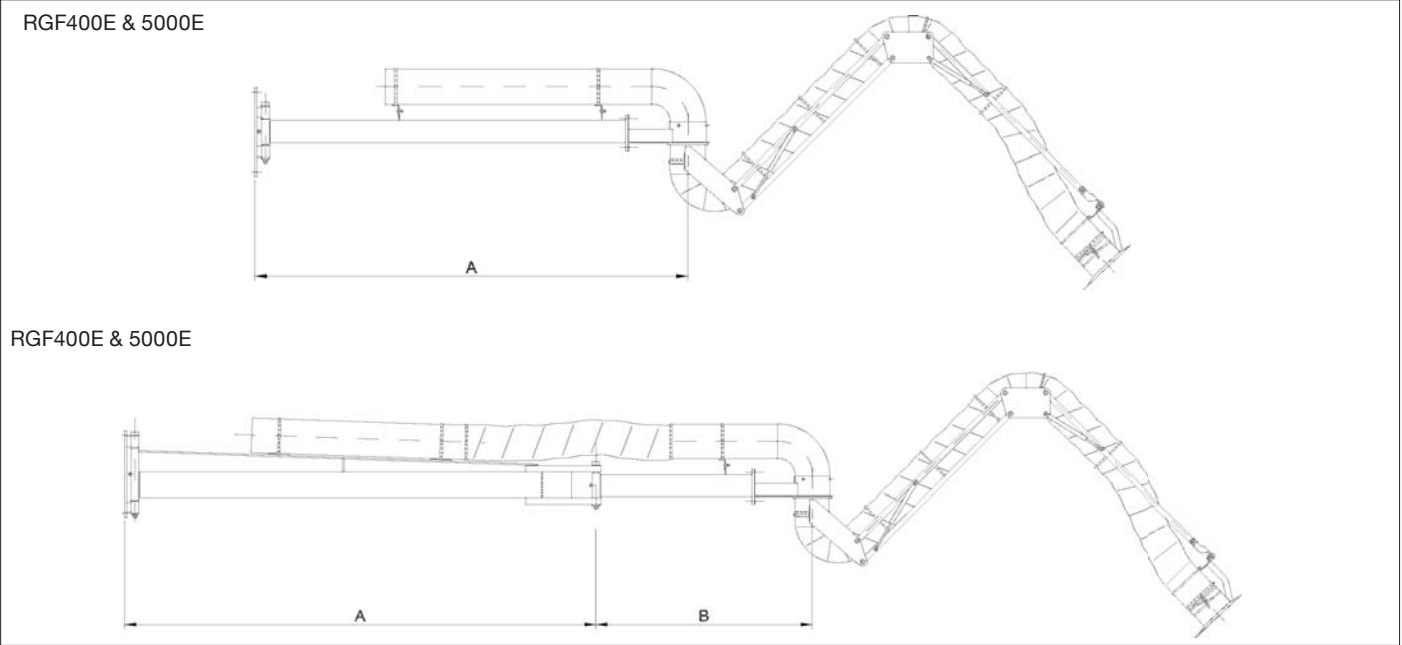
Possibility to mount fan directly on wall support.



Ceiling mounting

Ceiling bracket & pipe extension up to 2 metres. Can revolve 360°.

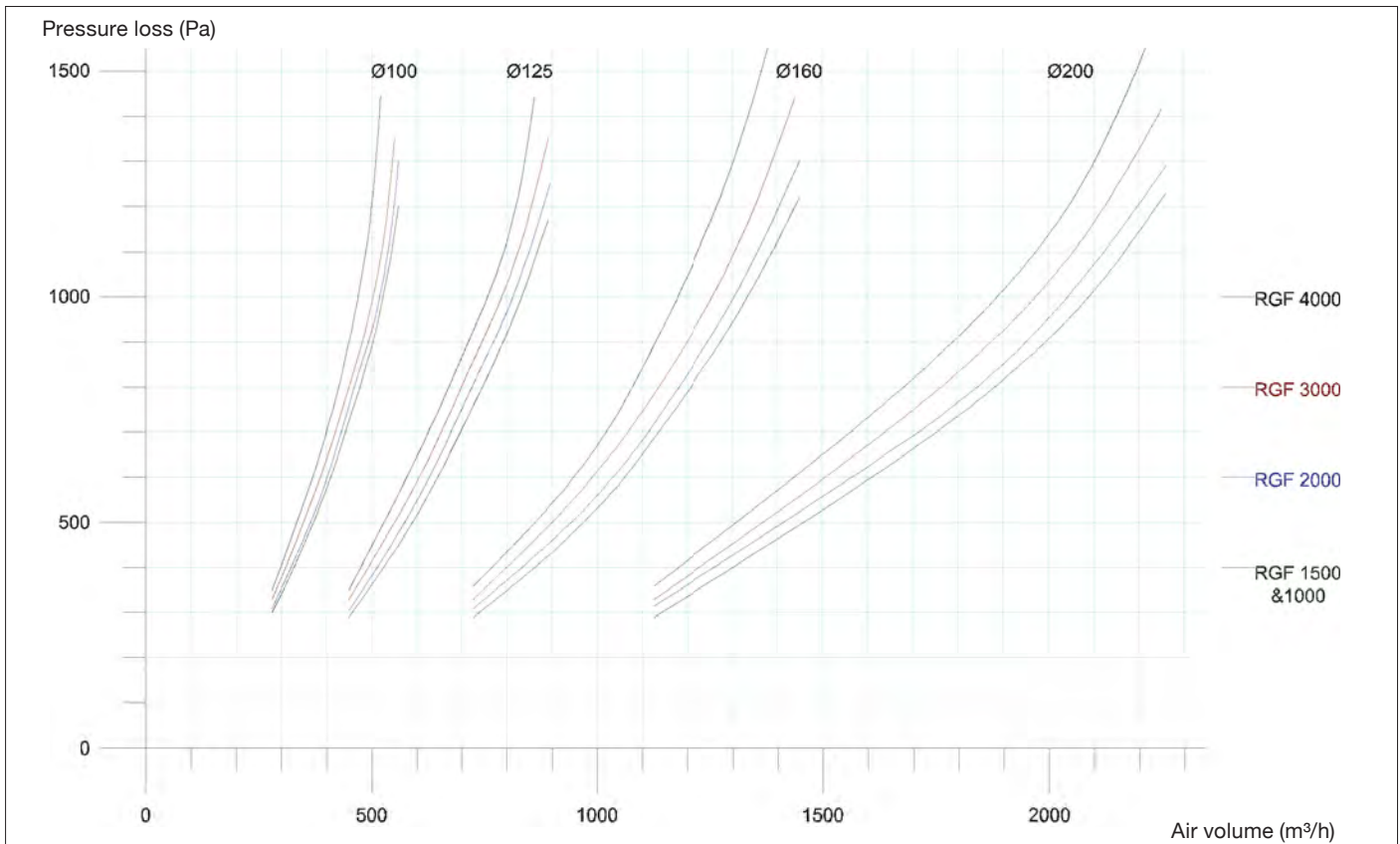
RGF - Extraction arms



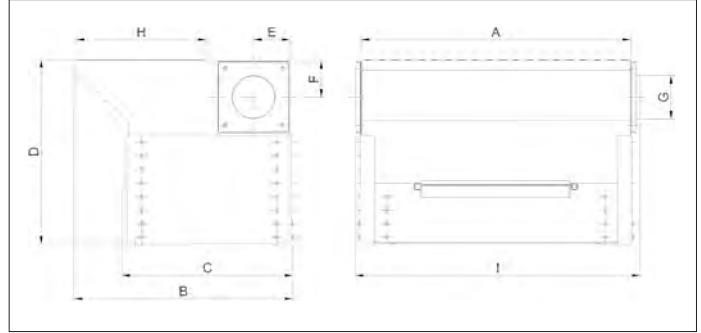
Extension model	Reach (mm)	Diameter (Ø mm)	# segments	A (mm)	B (mm)	C (mm)	Weight (kg)
RGF4000E	3950	125 - 200 ¹⁾	1	1050	-	-	
RGF5000E	4560	125 - 200 ¹⁾	1	1950	-	-	
RGF6000E	6085	125 - 200 ¹⁾	2	2185	1000	-	
RGF7000E	6980	125 - 200 ¹⁾	2	2185	1895	-	
RGF8000E	7980	125 - 200 ¹⁾	2	3185	1895	-	
RGF9000E	8980	125 - 200 ¹⁾	2	3185	1895	-	

¹⁾ for sizes ø80-ø100 mm, the console is with ø125 mm for pipe connection with a reduction for hose side. Pipe connection will be ø125mm.

Performance curve for RGF 1000 - 4000 (ø80 - ø200 mm) :



YOTA - Suction tables



YOTA - Suction tables

Extraction table with standard extraction by table top. Can be used as glueing, grinding, polishing, welding or as manual cutting table.

The table supports up to 150 kg/m² but a reinforced version that supports up to 300 kg/m² is available as an option.

The table is delivered completely assembled. Only central fan and filter unit must be connected and adjusted. Connection of piping to table is optional on either the right or left side.

Multiple versions are available :

YOTA - Standard execution

YOTA-B - Backwall with extraction.

YOTA-BS - Backwall with extraction as well as top and sides without noise damping.

YOTA-BS-ISO - Backwall with extraction as well as top and sides with noise damping.

YOTA-EM - top with extraction 30° angled, light in top, lamellas along the side as well as on/off-switch for table light.

Material

St 37.2 black steel powder coated RAL 5007 / 7011

Construction

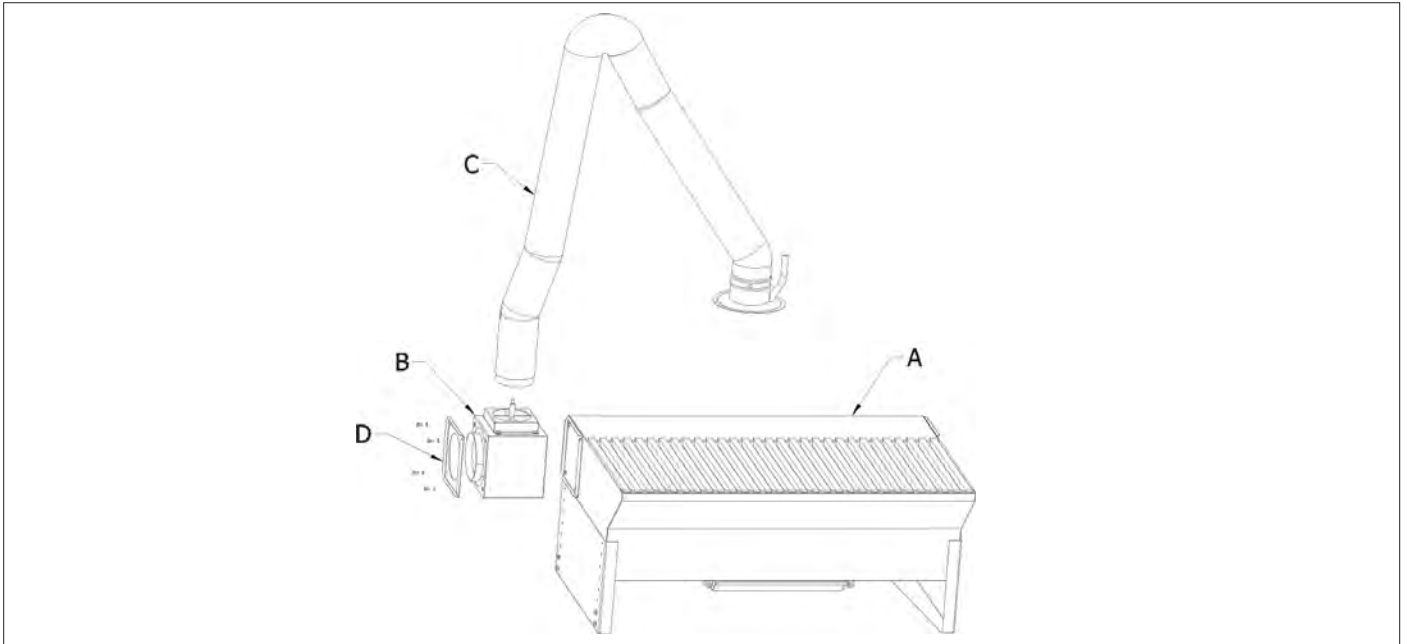
- Available in two depths: 1000 or 1250 mm
- Table top standard delivered with wooden slats
- Also available with steel ribs, stainless steel ribs or plastic ribs (POM)
- Built-in air distribution chamber
- Dust container(s) for coarse pre-separated dust
- Adjustable in height from 680 to 980 mm

Dimensions YOTA

Model	Air volume (m ³ /h)	Delta P (Pa)	extr. surf. (mm)	A (mm)	B (mm)	C (mm)	D ¹⁾ (mm)	E (mm)	F (mm)	ØG (mm)	H (mm)	I (mm)	Weight (kg)
KBAA000001	1150	600	640 x 1000	1000	1015	836	680-980	135	135	160	680	1056	80.0
KBAA000003	1725	600	640 x 1500	1500	1015	836	680-980	135	135	200	680	2556	120.0
KBAA000005	2340	600	640 x 2000	2000	1015	836	680-980	135	135	250	680	2056	160.0
KBAA000007	2900	600	640 x 2500	2500	1015	836	680-980	135	135	250	680	2556	200.0
KBAA000009	3450	600	640 x 3000	3000	1015	836	680-980	135	135	250	680	3056	240.0
KBAA000002	1600	600	890 x 1000	1000	1261	1084	680-980	135	135	160	930	1056	100.0
KBAA000004	2400	600	890 x 1500	1500	1261	1084	680-980	135	135	200	930	2556	150.0
KBAA000006	3200	600	890 x 2000	2000	1261	1084	680-980	135	135	250	930	2056	200.0
KBAA000008	4000	600	890 x 2500	2500	1261	1084	680-980	135	135	250	930	2556	250.0
KBAA000010	4800	600	890 x 3000	3000	1261	1084	680-980	135	135	250	930	3056	300.0

¹⁾ Adjustable in height

YOTA - Suction tables

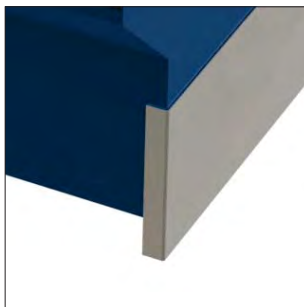


Additional equipment for YOTA suction tables (above)

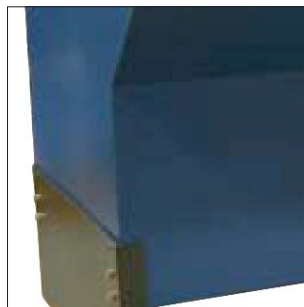
- A : Suction table type YOTA (D = standard part of table)
- B : Connection module
- C : Extraction arm for table mounting (See RGF & LGF models)
- D : Standard connection piece for table

Options for YOTA suction tables

Code group	Description
KBAA	Perforated table top for existing wooden/steel ribs. Table depth: 1000 mm
KBAA	Perforated table top for existing wooden/steel ribs. Table depth: 1250 mm
KBAA	Extraction arm mounting of type RGF in table version ø160mm (length 2000 - 4000 mm)
KBAA	Mounting plate without holes for mounting of vice grip on YOTA 1000 - right or left side
KBAA	Mounting plate without holes for mounting of vice grip on YOTA 1250 - right or left side
KBAA	Strengthening of suction table type YOTA 1000 from max. stress of 150 kg/m ² on rib surface to 300 kg/m ²
KBAA	Strengthening of suction table type YOTA 1250 from max. stress of 150 kg/m ² on rib surface to 300 kg/m ²
KBAA	Fluorescent lighting fitting 1x18 W (excl. switch)
KBAA	Fluorescent lighting fitting 1x36 W (excl. switch)
KBAA	Fluorescent lighting fitting mounting in hinged top
KBAA	Mounting of 5m cable and 230VAC-plug
KBAA	Mounting of 5m cable and 230VAC-plug (Schuko)
KBAA	CEE plug 3-pole 16A 230 V



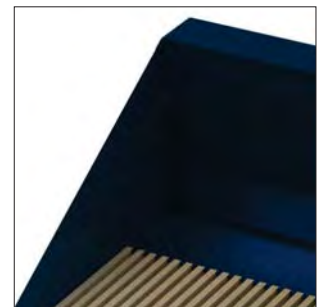
Adjustable height
Easily change the height of the work station.



Sturdy construction
strong work surface for grinding and sanding.

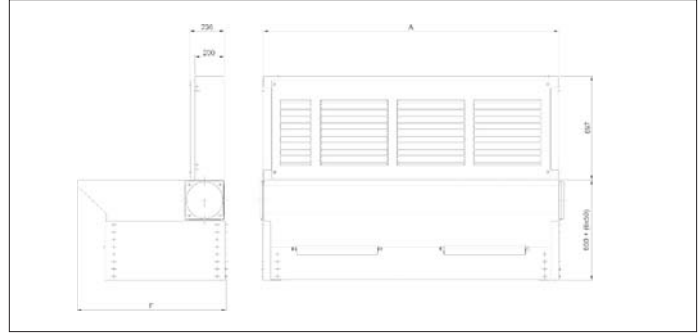


Dust container
Easy access for dust removal.



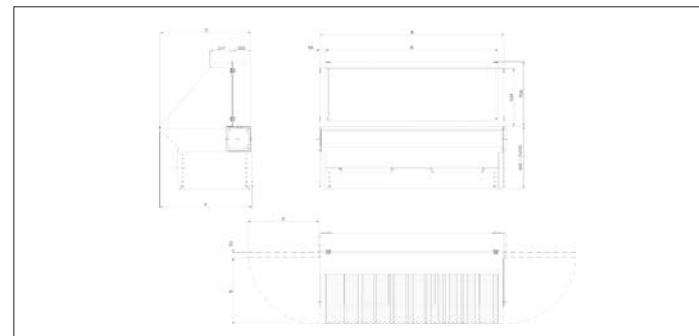
Options
Backwall and side panels are optional as well as the lighting.

YOTA - Suction tables



Dimensions YOTA-B

Model	Air volume (m³/h)	Delta P (Pa)	extr. surf. (mm)	A (mm)	B (mm)	C (mm)	D ¹⁾ (mm)	E (mm)	F (mm)	ØG (mm)	H (mm)	I (mm)	Weight (kg)
KBAA000011	1150	600	640 x 1000	1000	1015	836	680-980	135	135	160	680	1056	120.0
KBAA000013	1725	600	640 x 1500	1500	1015	836	680-980	135	135	200	680	2556	180.0
KBAA000015	2340	600	640 x 2000	2000	1015	836	680-980	135	135	250	680	2056	240.0
KBAA000017	2900	600	640 x 2500	2500	1015	836	680-980	135	135	250	680	2556	300.0
KBAA000019	3450	600	640 x 3000	3000	1015	836	680-980	135	135	250	680	3056	360.0
KBAA000012	1600	600	890 x 1000	1000	1261	1084	680-980	135	135	160	930	1056	140.0
KBAA000014	2400	600	890 x 1500	1500	1261	1084	680-980	135	135	200	930	2556	210.0
KBAA000016	3200	600	890 x 2000	2000	1261	1084	680-980	135	135	250	930	2056	280.0
KBAA000018	4000	600	890 x 2500	2500	1261	1084	680-980	135	135	250	930	2556	350.0
KBAA000020	4800	600	890 x 3000	3000	1261	1084	680-980	135	135	250	930	3056	420.0

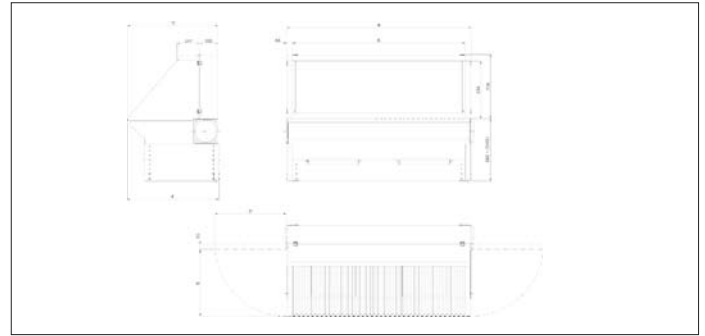


Dimensions YOTA-BS

Model	Air volume (m³/h)	Delta P (Pa)	extr. surf. (mm)	A (mm)	B (mm)	C (mm)	D ¹⁾ (mm)	E (mm)	F (mm)	ØG (mm)	H (mm)	I (mm)	Weight (kg)
KBAA000021	1150	600	640 x 1000	1000	1015	836	680-980	135	135	160	680	1056	177.0
KBAA000023	1725	600	640 x 1500	1500	1015	836	680-980	135	135	200	680	2556	259.0
KBAA000025	2340	600	640 x 2000	2000	1015	836	680-980	135	135	250	680	2056	341.0
KBAA000027	2900	600	640 x 2500	2500	1015	836	680-980	135	135	250	680	2556	423.0
KBAA000029	3450	600	640 x 3000	3000	1015	836	680-980	135	135	250	680	3056	505.0
KBAA000022	1600	600	890 x 1000	1000	1261	1084	680-980	135	135	160	930	1056	200.0
KBAA000024	2400	600	890 x 1500	1500	1261	1084	680-980	135	135	200	930	2556	292.0
KBAA000026	3200	600	890 x 2000	2000	1261	1084	680-980	135	135	250	930	2056	384.0
KBAA000028	4000	600	890 x 2500	2500	1261	1084	680-980	135	135	250	930	2556	474.0
KBAA000030	4800	600	890 x 3000	3000	1261	1084	680-980	135	135	250	930	3056	568.0

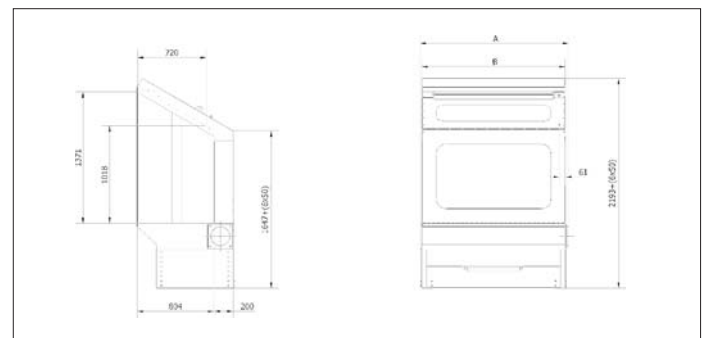
¹⁾ Adjustable in height

YOTA - Suction tables



Dimensions YOTA-BS-ISO

Model	Air volume (m ³ /h)	Delta P (Pa)	extr. surf. (mm)	A (mm)	B (mm)	C (mm)	D ¹⁾ (mm)	E (mm)	F (mm)	ØG (mm)	H (mm)	I (mm)	Weight (kg)
KBAA000031	1150	600	640 x 1000	1000	1015	836	680-980	135	135	160	680	1056	182.0
KBAA000033	1725	600	640 x 1500	1500	1015	836	680-980	135	135	200	680	2556	267.0
KBAA000035	2340	600	640 x 2000	2000	1015	836	680-980	135	135	250	680	2056	352.0
KBAA000037	2900	600	640 x 2500	2500	1015	836	680-980	135	135	250	680	2556	437.0
KBAA000039	3450	600	640 x 3000	3000	1015	836	680-980	135	135	250	680	3056	522.0
KBAA000032	1600	600	890 x 1000	1000	1261	1084	680-980	135	135	160	930	1056	206.0
KBAA000034	2400	600	890 x 1500	1500	1261	1084	680-980	135	135	200	930	2556	301.0
KBAA000036	3200	600	890 x 2000	2000	1261	1084	680-980	135	135	250	930	2056	396.0
KBAA000038	4000	600	890 x 2500	2500	1261	1084	680-980	135	135	250	930	2556	489.0
KBAA000040	4800	600	890 x 3000	3000	1261	1084	680-980	135	135	250	930	3056	586.0

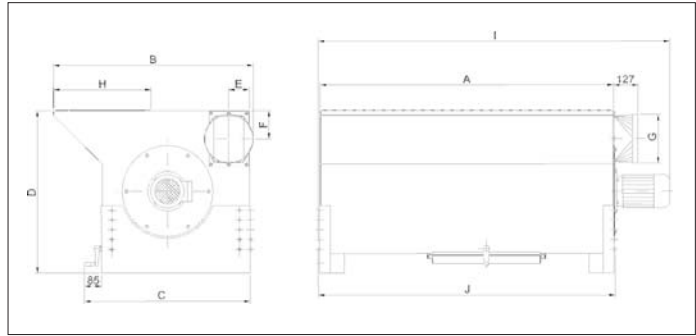


Dimensions YOTA-EM

Model	Air volume (m ³ /h)	Delta P (Pa)	extr. surf. (mm)	A (mm)	B (mm)	C (mm)	D ¹⁾ (mm)	E (mm)	F (mm)	ØG (mm)	H (mm)	I (mm)	Weight (kg)
YOTAEM1000/10	1150	600	640 x 1000	1000	1015	836	680-980	135	135	160	680	1056	160.0
YOTAEM1500/10	1725	600	640 x 1500	1500	1015	836	680-980	135	135	200	680	2556	200.0
YOTAEM2000/10	2340	600	640 x 2000	2000	1015	836	680-980	135	135	250	680	2056	250.0

¹⁾ Adjustable in height

YOTAPR - Suction tables



YOTAPR - Suction tables

Universal extraction table with built-in fan. Can be used as glueing, grinding, polishing, welding or as manual cutting table. Supports up to 150 kg/m² but a reinforced version that supports up to 300 kg/m² is available as an option.

Standard filter cartridge type G113 is adapted for dust and smoke separation. Meets the class M filter norm according to EN 60335-2-69 with a 99,9% efficiency level. The cleaning is ensure manually by roto-cleaning.

The table is delivered completely assembled. Outlet can be fitted with silencer.

Multiple versions are available :

YOTAPR - Standard execution.

YOTAPR-B - Backwall with extraction.

YOTAPR-BS - Backwall with extraction as well as top and sides without noise damping.

YOTAPR-BS-ISO - Backwall with extraction as well as top and sides with noise damping.

Material

St 37.2 black steel powder coated RAL 5007 / 7011

Construction

- Available in two depths: 1000 or 1250 mm
- Table top standard delivered with wooden slats
- Also available with steel ribs, stainless steel ribs or plastic ribs (POM)
- Built-in air distribution chamber
- Dust container(s) for coarse pre-separated dust
- Adjustable in height from 830 to 980 mm

Construction :

Suction table type YOTAPR is constructed according to :

- 2006/42/EU : Machine directive
- 2014/30/EU : EMC Directive
- 2014/68/EU : pressure equipment Directive
- 2014/35/EU : Low voltage directive
- Harmonized standards :
EN 349, EN 4414, EN 12100, EN 60204-1, EN ISO 13857
- Further standards: ISO 3746

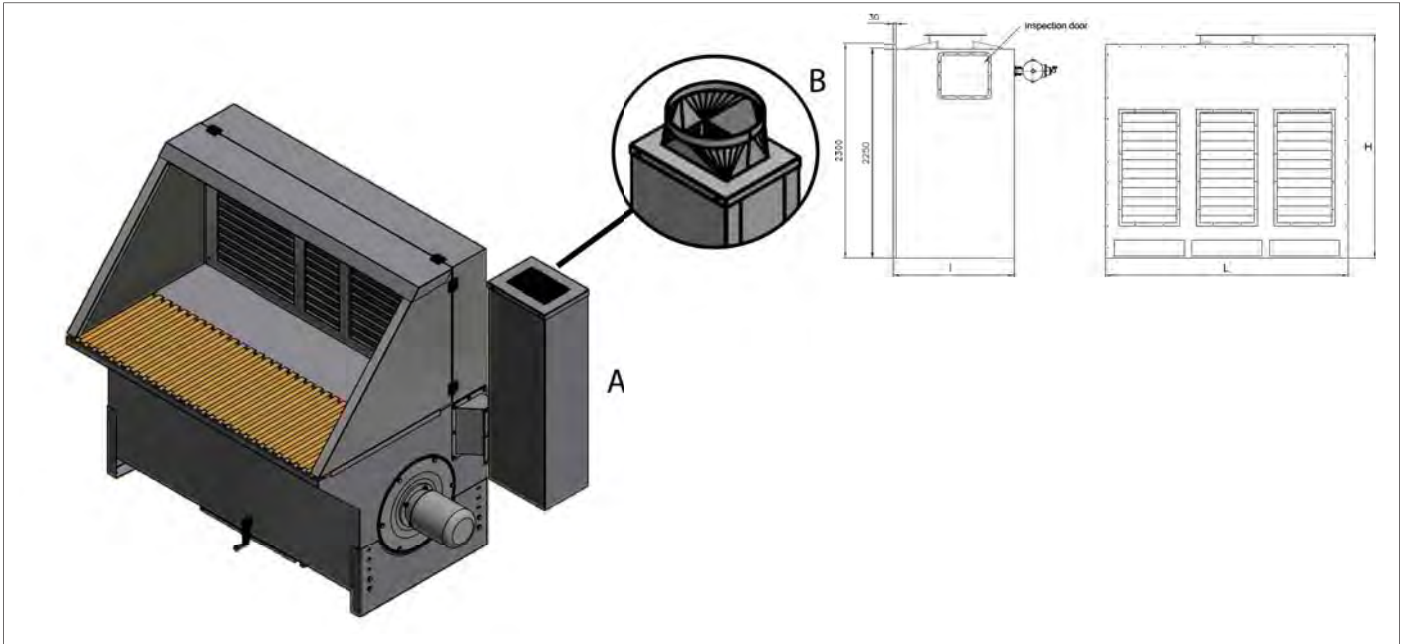
YOTAPR

Model	Fan model	Inst. power (kW)	Air volume (m ³ /h)	Delta P (Pa)	extr. surf. (mm)	Weight (kg)
YOTAPR1000/10	VF 2000	1.5	800 ¹⁾	650 - 1600	450 x 1000	165.0
YOTAPR1500/10	VF 2000	1.5	1200 ¹⁾	650 - 1600	450 x 1500	195.0
YOTAPR2000/10	VF 2500	2.2	1600 ²⁾	650 - 1700	450 x 2000	220.0
YOTAPR2500/10	VF 2000 or VF 2500	1.5 or 2.2	2000 ²⁾	650 - 1700	450 x 2500	290.0
YOTAPR3000/10	VF 2500	2.2	2400 ²⁾	650 - 1700	450 x 3000	325.0
YOTAPR1000/13	VF 2000	1.5	1250 ¹⁾	650 - 1600	700 x 1000	200.0
YOTAPR1500/13	VF 2000	1.5	1900 ¹⁾	650 - 1600	700 x 1500	230.0
YOTAPR2000/13	VF 2500	2.2	2550 ²⁾	650 - 1700	700 x 2000	255.0
YOTAPR2500/13	VF 2000 or VF 2500	1.5 or 2.2	3150 ²⁾	650 - 1700	700 x 2500	325.0
YOTAPR3000/13	VF 2500	2.2	3750 ²⁾	650 - 1700	700 x 3000	360.0

Model	A (mm)	B (mm)	C (mm)	D ³⁾ (mm)	E (mm)	F (mm)	ØG (mm)	H (mm)	I (mm)	J (mm)
YOTAPR1000/10	1000	1022	847	830-980	105	145	250	485	1271	1018
YOTAPR1500/10	1500	1022	847	830-980	105	145	250	485	1771	1518
YOTAPR2000/10	2000	1022	847	830-980	105	145	250	485	2326	2018
YOTAPR2500/10	2500	1022	847	830-980	105	145	250	485	3081	2518
YOTAPR3000/10	3000	1022	847	830-980	105	145	250	485	3636	3018
YOTAPR1000/13	1000	1272	1097	830-980	105	145	250	735	1271	1018
YOTAPR1500/13	1500	1272	1097	830-980	105	145	250	735	1771	1518
YOTAPR2000/13	2000	1272	1097	830-980	105	145	250	735	2326	2018
YOTAPR2500/13	2500	1272	1097	830-980	105	145	250	735	3081	2518
YOTAPR3000/13	3000	1272	1097	830-980	105	145	250	735	3636	3018

¹⁾ 1 pc. filter cartridge Staubmaster ø480 x 500mm, 8m², G113 ²⁾ 2 pcs. filter cartridge Staubmaster ø480 x 500mm, 8m², G113 ³⁾ Adjustable in height

YOTAPR - Suction tables



Additional equipment for YOTAPR suction tables (above)

- A : Silencer
- B : Outlet connections on silencer

Options for YOTAPR suction tables

Code group	Description
KBAB	Perforated table top for existing wooden/steel ribs. Table depth: 1000 mm
KBAB	Perforated table top for existing wooden/steel ribs. Table depth: 1250 mm
KBAB	Support plate for mounting of vice or the like on YOTAPR Depth: 1000 mm
KBAB	Support plate for mounting of vice or the like on YOTAPR Depth: 1250 mm
KBAB	Strengthening of YOTAPR (width 1000 mm) from max. load 150 kg/m ² on rib surface to 300 kg/m ²
KBAB	Strengthening of YOTAPR (width 1250 mm) from max. load 150 kg/m ² on rib surface to 300 kg/m ²
KBAB	Fluorescent lighting fitting 1x18 W (excl. switch) L: 750 mm
KBAB	Fluorescent lighting fitting 1x36 W (excl. switch) L: 1350 mm
KBAB	Mounting of fluorescent lighting fitting in hinged top
KBAB	Mounting of 5 m cable and 230VAC-plug
KBAB	CEE plug 3-pole 16A 230V



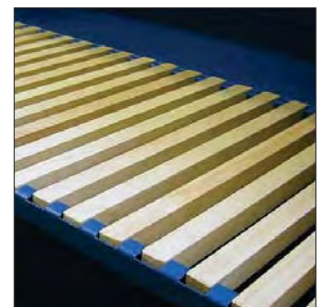
Options
Backwall and side panels are optional as well as the lighting.



Dust container
Easy access for dust removal.

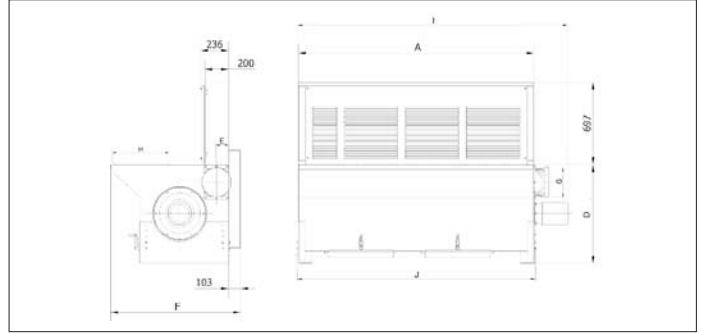
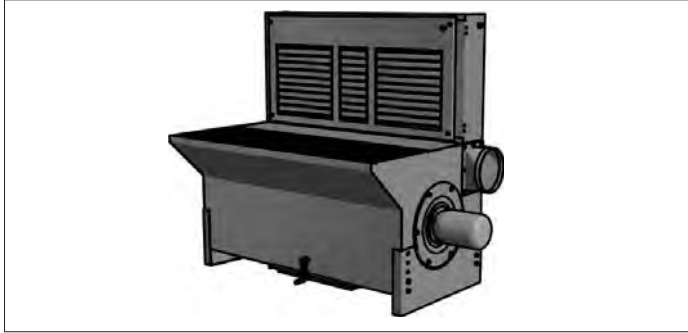


Integrated fan
delivered as a standard.



Wooden slats
The table is standard delivered with wooden slats.

YOTAPR - Suction tables



YOTAPR-B

Model	Fan model	Inst. power (kW)	Air volume (m ³ /h)	Delta P (Pa)	extr. surf. (mm)	Weight (kg)
YOTAPRB1000/10	VF 2000	1.5	800 ¹⁾	650 - 1600	450 x 1000	205.0
YOTAPRB1500/10	VF 2000	1.5	1200 ¹⁾	650 - 1600	450 x 1500	255.0
YOTAPRB2000/10	VF 2500	2.2	1600 ²⁾	650 - 1700	450 x 2000	300.0
YOTAPRB2500/10	VF 2000 or VF 2500	1.5 or 2.2	2000 ²⁾	650 - 1700	450 x 2500	390.0
YOTAPRB3000/10	VF 2500	2.2	2400 ²⁾	650 - 1700	450 x 3000	445.0
YOTAPRB1000/13	VF 2000	1.5	1250 ¹⁾	650 - 1600	700 x 1000	240.0
YOTAPRB1500/13	VF 2000	1.5	1900 ¹⁾	650 - 1600	700 x 1500	290.0
YOTAPRB2000/13	VF 2500	2.2	2550 ²⁾	650 - 1700	700 x 2000	395.0
YOTAPRB2500/13	VF 2000 or VF 2500	1.5 or 2.2	3150 ²⁾	650 - 1700	700 x 2500	425.0
YOTAPRB3000/13	VF 2500	2.2	3750 ²⁾	650 - 1700	700 x 3000	480.0

Dimensions YOTAPR-B

Model	A (mm)	B (mm)	C (mm)	D ³⁾ (mm)	E (mm)	F (mm)	ØG (mm)	H (mm)	I (mm)	J (mm)
YOTAPRB1000/10	1004	998	998	830-980	105	1104	250	485	1271	1018
YOTAPRB1500/10	1504	1498	998	830-980	105	1104	250	485	1771	1518
YOTAPRB2000/10	2004	1898	998	830-980	105	1104	250	485	2326	2018
YOTAPRB2500/10	2504	2498	998	830-980	105	1104	250	485	3081	2518
YOTAPRB3000/10	3004	2998	998	830-980	105	1104	250	485	3636	3018
YOTAPRB1000/13	1004	998	1248	830-980	105	1354	250	735	1271	1018
YOTAPRB1500/13	1504	1498	1248	830-980	105	1354	250	735	1771	1518
YOTAPRB2000/13	2004	1898	1248	830-980	105	1354	250	735	2326	2018
YOTAPRB2500/13	2504	2498	1248	830-980	105	1354	250	735	3081	2518
YOTAPRB3000/13	3004	2998	1248	830-980	105	1354	250	735	3636	3018

¹⁾ 1 pc. filter cartridge Staubmaster ø480 x 500mm, 8m², G113 ²⁾ 2 pcs. filter cartridge Staubmaster ø480 x 500mm, 8m², G113 ³⁾ Adjustable in height

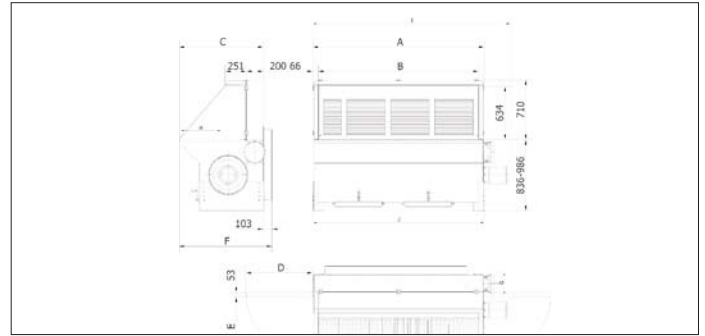
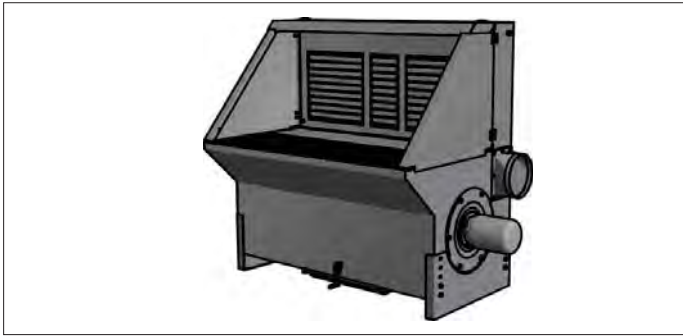
Filter media :

Filter cartridge Staubmaster ø480 mm. Length : 500 mm

Model	Type	Material	Application
G113	Standard	Polyester flake with PFPT-coating, antistatic	Static-loaded or hygroscopic particles
G116A	optional	Polyester flake with teflon membrane, antistatic	Finer static-loaded dust sorts

The filters meet demands for extraction degree for dust class M according to DIN EN 60335-2-69 Appendix AA (extraction degree > 99.9%).

YOTAPR - Suction tables



YOTAPR-BS

Model	Fan model	Inst. power (kW)	Air volume (m ³ /h)	Delta P (Pa)	extr. surf. (mm)	Weight (kg)
YOTAPRBS1000/10	VF 2000	1.5	800 ¹⁾	650 - 1600	450 x 1000	222.0
YOTAPRBS1500/10	VF 2000	1.5	1200 ¹⁾	650 - 1600	450 x 1500	274.0
YOTAPRBS2000/10	VF 2500	2.2	1600 ²⁾	650 - 1700	450 x 2000	321.0
YOTAPRBS2500/10	VF 2000 or VF 2500	1.5 or 2.2	2000 ²⁾	650 - 1700	450 x 2500	413.0
YOTAPRBS3000/10	VF 2500	2.2	2400 ²⁾	650 - 1700	450 x 3000	470.0
YOTAPRBS1000/13	VF 2000	1.5	1250 ¹⁾	650 - 1600	700 x 1000	260.0
YOTAPRBS1500/13	VF 2000	1.5	1900 ¹⁾	650 - 1600	700 x 1500	312.0
YOTAPRBS2000/13	VF 2500	2.2	2550 ²⁾	650 - 1700	700 x 2000	359.0
YOTAPRBS2500/13	VF 2000 or VF 2500	1.5 or 2.2	3150 ²⁾	650 - 1700	700 x 2500	451.0
YOTAPRBS3000/13	VF 2500	2.2	3750 ²⁾	650 - 1700	700 x 3000	508.0

YOTAPR-BS-ISO

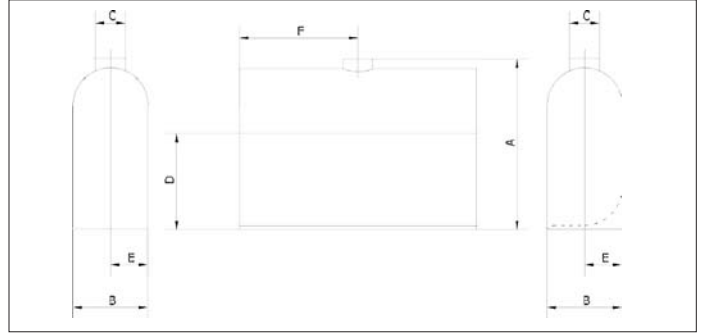
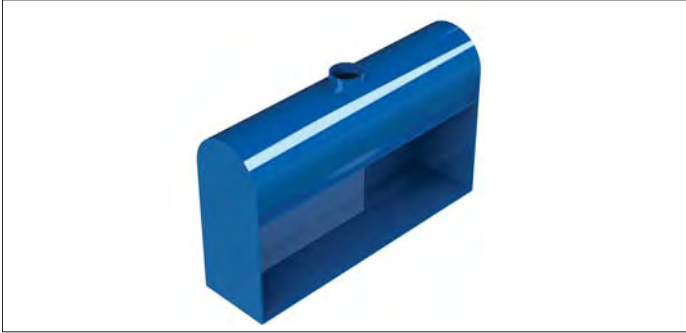
Model	Fan model	Inst. power (kW)	Air volume (m ³ /h)	Delta P (Pa)	extr. surf. (mm)	Weight (kg)
YOTAPRBSISO1000/10	VF 2000	1.5	800 ¹⁾	650 - 1600	450 x 1000	227.0
YOTAPRBSISO1500/10	VF 2000	1.5	1200 ¹⁾	650 - 1600	450 x 1500	282.0
YOTAPRBSISO2000/10	VF 2500	2.2	1600 ²⁾	650 - 1700	450 x 2000	332.0
YOTAPRBSISO2500/10	VF 2000 or VF 2500	1.5 or 2.2	2000 ²⁾	650 - 1700	450 x 2500	427.0
YOTAPRBSISO3000/10	VF 2500	2.2	2400 ²⁾	650 - 1700	450 x 3000	487.0
YOTAPRBSISO1000/13	VF 2000	1.5	1250 ¹⁾	650 - 1600	700 x 1000	266.0
YOTAPRBSISO1500/13	VF 2000	1.5	1900 ¹⁾	650 - 1600	700 x 1500	321.0
YOTAPRBSISO2000/13	VF 2500	2.2	2550 ²⁾	650 - 1700	700 x 2000	371.0
YOTAPRBSISO2500/13	VF 2000 or VF 2500	1.5 or 2.2	3150 ²⁾	650 - 1700	700 x 2500	466.0
YOTAPRBSISO3000/13	VF 2500	2.2	3750 ²⁾	650 - 1700	700 x 3000	526.0

Dimensions YOTAPR-BS & YOTAPR-BS-ISO

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	ØG (mm)	H (mm)	I (mm)	J (mm)
YOTAPRBS1000/10	1030	998	998	790	738	1104	250	485	1271	1018
YOTAPRBS1500/10	1530	1498	998	790	738	1104	250	485	1771	1518
YOTAPRBS2000/10	2030	1898	998	790	738	1104	250	485	2326	2018
YOTAPRBS2500/10	2530	2498	998	790	738	1104	250	485	3081	2518
YOTAPRBS3000/10	3030	2998	998	790	738	1104	250	485	3636	3018
YOTAPRBS1000/13	1030	998	1248	1040	988	1354	250	735	1271	1018
YOTAPRBS1500/13	1530	1498	1248	1040	988	1354	250	735	1771	1518
YOTAPRBS2000/13	2030	1898	1248	1040	988	1354	250	735	2326	2018
YOTAPRBS2500/13	2530	2498	1248	1040	988	1354	250	735	3081	2518
YOTAPRBS3000/13	3030	2998	1248	1040	988	1354	250	735	3636	3018

¹⁾ 1 pc. filter cartridge Staubmaster ø480 x 500mm, 8m², G113 ²⁾ 2 pcs. filter cartridge Staubmaster ø480 x 500mm, 8m², G113 ³⁾ Adjustable in height

YOKO - Suction walls



YOKO - Suction walls

The YOKO suction walls are design for the suction of fumes, gases and lighter dusts arising during processes or handling.

Available in two models, each of 5 sizes, it needs to be placed on a flat firm surface

Advantages

- Large extraction surface
- High suction level
- No wear, no parts replacement

Material

St 37.2 black steel powder coated RAL 5007

Accessories

- Curved backside (YOKO-B)
- Side walls

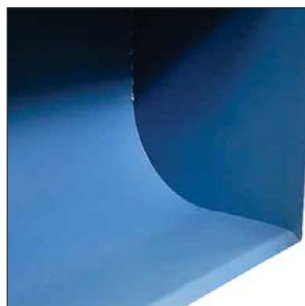
Model	Model A	Model B	Min. (m³/h)	Delta P (Pa)	Weight (kg)
YOKO 500	KBBA000001	KBBA000002	300	300	18
YOKO 800	KBBA000003	KBBA000004	400	300	24
YOKO 1000	KBBA000005	KBBA000006	500	300	28
YOKO 1500	KBBA000007	KBBA000008	1000	300	44
YOKO 2000	KBBA000009	KBBA000010	1500	300	59

Dimensions

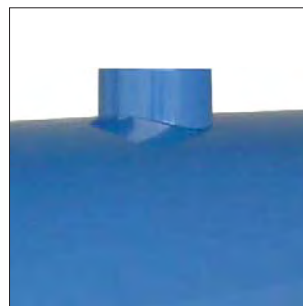
Model A	Model B	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
KBBA000001	KBBA000002	720	315	125	400	158	250
KBBA000003	KBBA000004	720	315	125	400	158	400
KBBA000005	KBBA000006	720	315	125	400	158	500
KBBA000007	KBBA000008	968	400	160	550	200	750
KBBA000009	KBBA000010	1095	450	200	600	225	1000



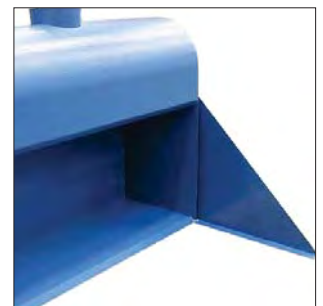
Model A
YOKO wall with straight backside for maximum work space.



Model B
YOKO wall with curved backside for optimal air flow.



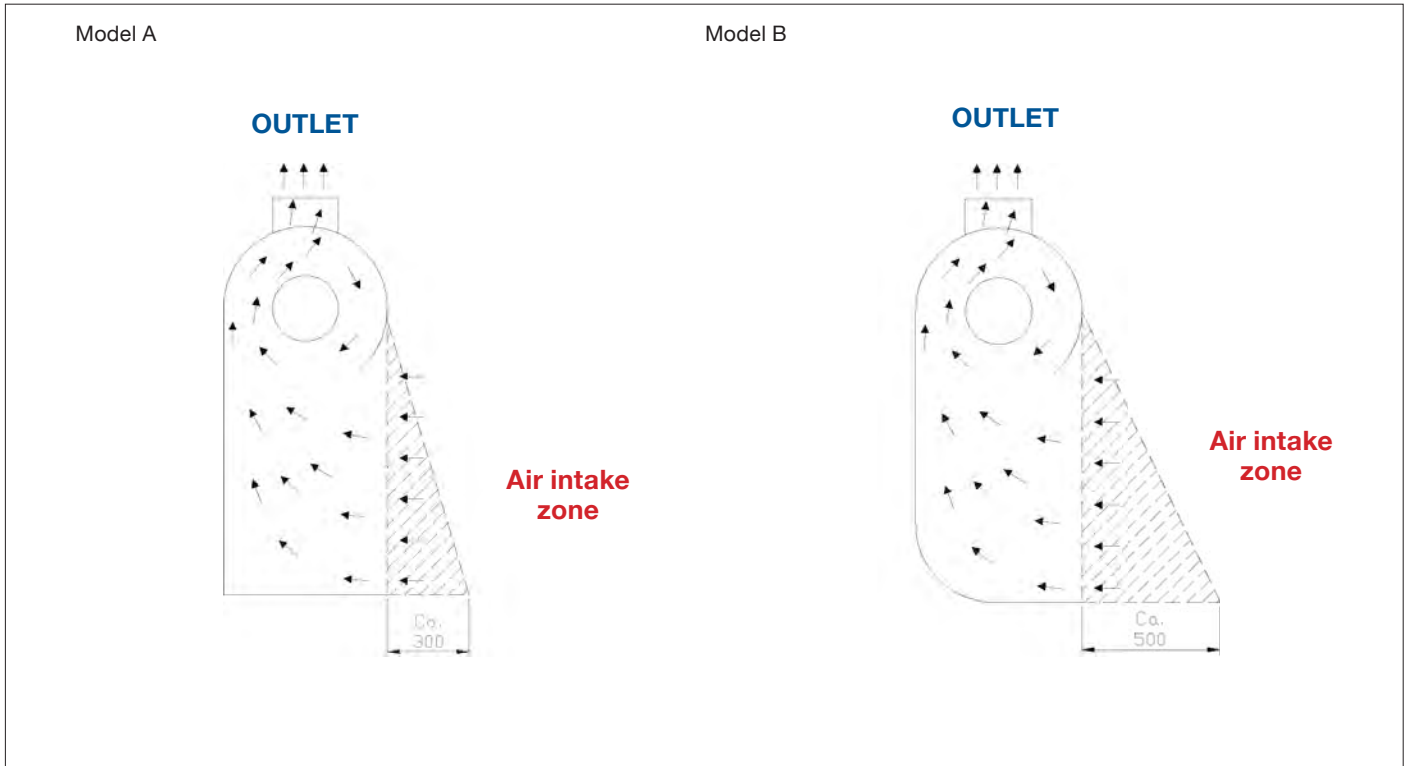
Connection stub
Connection piece diameter from ø125-ø200mm.



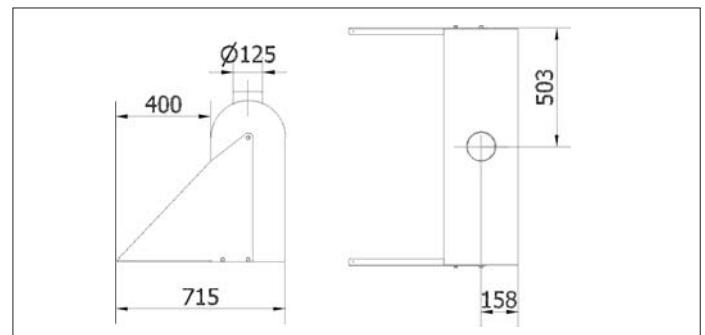
Side walls
Side Walls are available for higher efficiency.

YOKO - Suction walls

Working principle of flow through YOKO suction walls :

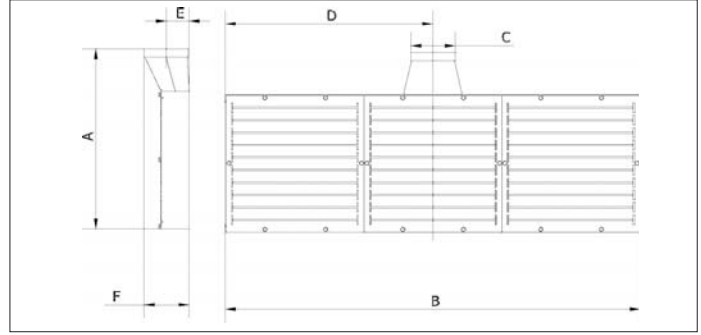


YOKO - Suction wall with slanted sides



Model	Model A	Model B	Min. (m ³ /h)	Delta P (Pa)	Weight (kg)
YOKO-S 500	KBBA000011	KBBA000012	300	300	18
YOKO-S 800	KBBA000013	KBBA000014	400	300	24
YOKO-S 1000	KBBA000015	KBBA000016	500	300	28
YOKO-S 1500	KBBA000017	KBBA000018	1000	300	44
YOKO-S 2000	KBBA000019	KBBA000020	1500	300	59

YOKO-L - Suction walls



YOKO-L - Suction walls

The YOKO-L suction walls are design for the suction of fumes, gases and lighter dusts arising during processes or handling such as grinding, milling or powder mixing.

Available in 3 sizes, it needs to be placed on a flat firm surface.

Advantages

- Large extraction surface
- High suction level
- No wear, no parts replacement

Material

St 37.2 black steel powder coated RAL 5007

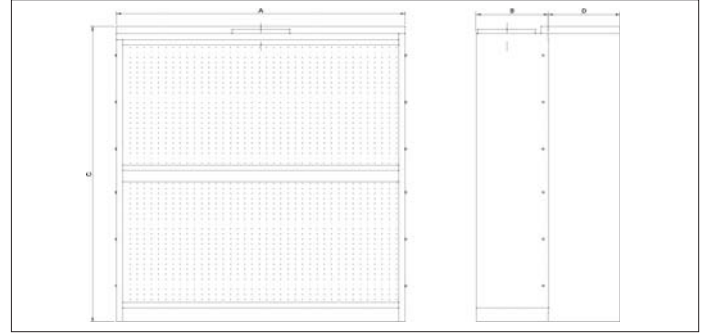
Construction

- Connection in top level with back wall
- Extraction surface made with steel lamellas for efficient capture velocity
- Panel is constructed, so air is distributed over extraction surface
- Front panels can be dismantled for cleaning

Dimensions

Model	Air volume (m ³ /h)	Pressure loss (Pa)	A (mm)	B (mm)	Ø C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
YOKO-L-1000	900	800	654	1003	125	502	66	128	22.0
YOKO-L-1500	1350	800	654	1503	160	752	84	164	33.0
YOKO-L-2000	1800	800	654	2003	200	1002	104	203	42.0

YOKO-P - Suction walls



YOKO-P - Suction walls

The YOKO-P suction walls are design for the suction of volatile fumes and lighter dusts arising during processes.

Fitted with Andraee filter elements, it can also be fitted with steel lamellas or paintstop-filters.

Available in 7 sizes, it needs to be placed on a flat firm surface.

Advantages

- Large extraction surface
- High suction level
- No wear, no parts replacement

Material

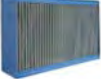
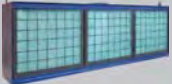



St 37.2 black steel powder coated RAL 5007

Options

- Steel lamellas
- Filter cassettes with paintstop-filters
- Front mounting steel cassettes - Andraee filter
- Front mounting steel cassettes - Paintstop-filter
- Front mounting steel lamellas
- Side wall set with 1, 1.5 or 2m width (D)
- Top with 1, 1.5 or 2m width (D) **

** Requires side wall set

Options

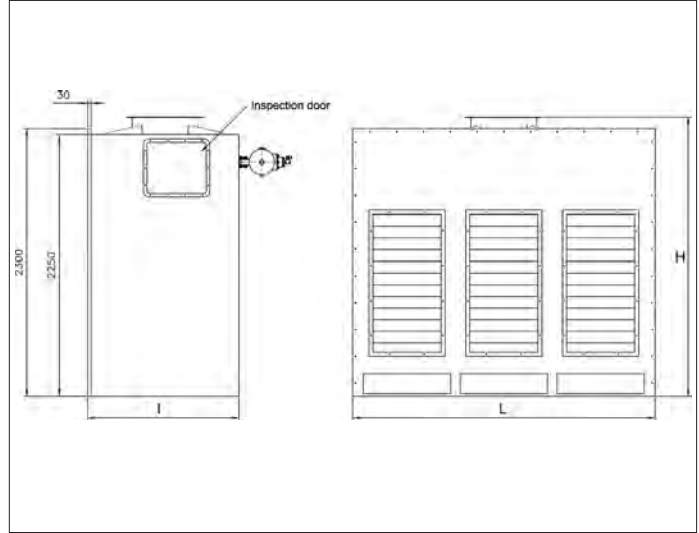
Model	Description	Size
	Additional payment for steel lamellas	Section height: 900mm
	Filter cassette with paintstop-filter	987 x 900 x 50mm 1487 x 900 x 50mm
	Steel cassette for frontal mounting as additional cassette on panel - Andraee-filter	987 x 900 x 50mm 1487 x 900 x 50mm
	Steel cassette for frontal mounting as additional cassette on panel - Paintstop-filter	987 x 900 x 50mm 1487 x 900 x 50mm
	Steel cassette for mounting in front as additional cassette on panel - Steel lamellas	987 x 900 x 50mm 1487 x 900 x 50mm

Dimensions

Model	Air volume ¹⁾ (m ³ /h)	Delta P Start/stop (Pa)	Outlet Ø (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
YOKO-P-1000/1	1800	350/800	200	1000	300	100	Choose in options	
YOKO-P-1500/1	2700	350/800	200	1500	300	1000		
YOKO-P-2000/1	3600	350/800	250	2000	300	100		
YOKO-P-1500/2	5400	350/800	315	1500	500	2000		
YOKO-P-2000/2	7200	350/800	400	2000	500	2000		
YOKO-P-3000/1	5400	350/800	315	3000	500	1000		
YOKO-P-3000/2	10800	350/800	500	3000	600	2000		

¹⁾ Air volume is calculated as 0.5 m/sec. in extraction area.

FAIRCAB suction walls



FAIRCAB suction walls

Suction walls with integrated polyester cartridges for painting booths.

Equipped with a roof mounted fan and a pneumatic compressed air cleaning system regulated by differential pressure monitoring, they can treat volumes up to 29.000 m³/h.

These suction walls are produced according to the following harmonized directives/standards :

- 2006/42/EC ; Machine directive
- 2014/35/EC ; Low voltage directive
- 2014/30/EC ; Electromagnetic compatibility directive

Advantages

- Cartridge change less frequent than on a classic booth with standard static cartridges
- Easy access to the filter cartridges and cleaning system through the access doors
- The removable front lattice door prevent dust return towards the booth when compressed air cleaning is activated
- Possibility to have the fan mounted on the floor next to the booth.

Material

Powder coated steel.

Type

Fully welded plates.
Polyester cartridges.

Options

- Absolute filter H13 allowing air to be directly extracted to the outside
- Different colors possible
- Consultations to have the booth adapted to your needs (sand blasting/metallization/...)
- Frequency inverter (recommended for an optimal use of the booth)

Model	# of cartridges	Filter surface (m²)	Airflow max. (m³/h)	fan type	Motor power (kW)	# of valves	Air consumption (NI/min)	# of buckets	Dimensions (mm)		
									L	I	H
FAIRCAB 2 x 2	4	104	7000	RH 400	5,5	2	80	1	1060	1300	2400
FAIRCAB 3 x 2	6	156	10000	RL 710R	11,0	3	80	2	2020	1300	2400
FAIRCAB 4 x 2	8	208	14000	RL 710R	11,0	4	80	2	2020	1300	2400
FAIRCAB 5 x 2	10	260	18000	RL 710	15,0	5	80	3	2980	1300	2400
FAIRCAB 6 x 2	12	312	21000	GF 800	15,0	6	80	3	2980	1300	2400
FAIRCAB 7 x 2	14	364	25000	RL 800R	18,5	7	80	4	3940	1300	2400
FAIRCAB 8 x 2	16	416	29000	RL 800R	18,5	8	80	4	3940	1300	2400

FAIRCAB suction walls



Front side, cartridge access through the frontal grills



Back side, clean air access through the side inspection door



View from the inside of the paint booth with the integrated wall



Suction wall with fan mounted, fully integrated in paint booth