Secureair
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CLAB 50/75/100mm laboratory suction arm for ceiling mounting



Sectors Laboratories and Medical,

Applications Fix

Issues Fumes, Odours, Medical

COD: CLAB50751000000

The **CLAB laboratory arm** is designed for localized suction in workstations where high mobility is required, such as in chemical laboratories, universities, schools, chemical, pharmaceutical and electronic industries.
NB: hood excluded, to be selected from accessories.

Insight

Unique design and quality construction ensure practical and functional positioning with friction joints equipped with ball bearings, rubber friction ring and anti-friction treatment.
Each joint features a unique manual adjustment knob that allows quick one-handed fixing.
Installation: ceiling mounted
Arm supplied mounted, excluding ceiling mount and hood or suction nozzle (see accessories).
Extractor fan: NO / to be connected to centralized system or wall-mounted purifier
Recommended working flow rates: 90 mc/h (diam. 50mm) - 190 mc/h (diam. 75mm) - 400 mc/h (diam. 100mm).
Structure

- Polypropylene joints and anodized aluminum tubes.
- Sealed regulation damper supplied as standard

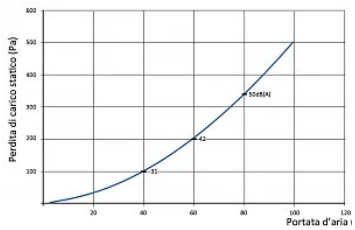
Versions available on request

- Bench mounting (BLAB series)
- Wall mounting (HLAB series)

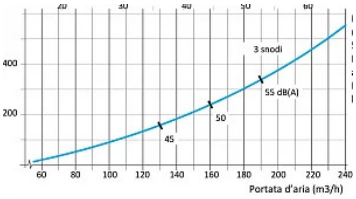
PP (polypropylene) version
Version with polypropylene joints and tubes. All metal parts that are in contact with the airflow are made of stainless steel. The PP version is mainly used for evacuation of very corrosive contaminants in high concentrations, such as in laboratories and in the pharmaceutical and chemical industries. When using a ceiling-mounted PP suction arm, it is recommended to order the ceiling mount with internal epoxy coating.
ATEX version
Conductive polypropylene joints and tubes. All metal parts that are in contact with the airflow are made of stainless steel. Static electricity is discharged to a separate ground connection. All steel load-bearing parts are powder-coated with a conductive coating. The product meets the requirements of category 2 of the ATEX directive (94/9/EC) for gas and dust. The ATEX version of the arm is suitable for extracting air contaminants in areas where products must be ATEX approved, for example, laboratories, chemical and petrochemical industries, in gas distribution, and in the pharmaceutical and paint industries.

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Load capacities and noise levels arm diameter 50 mm



Load capacities and noise emissions arm diameter 75 mm

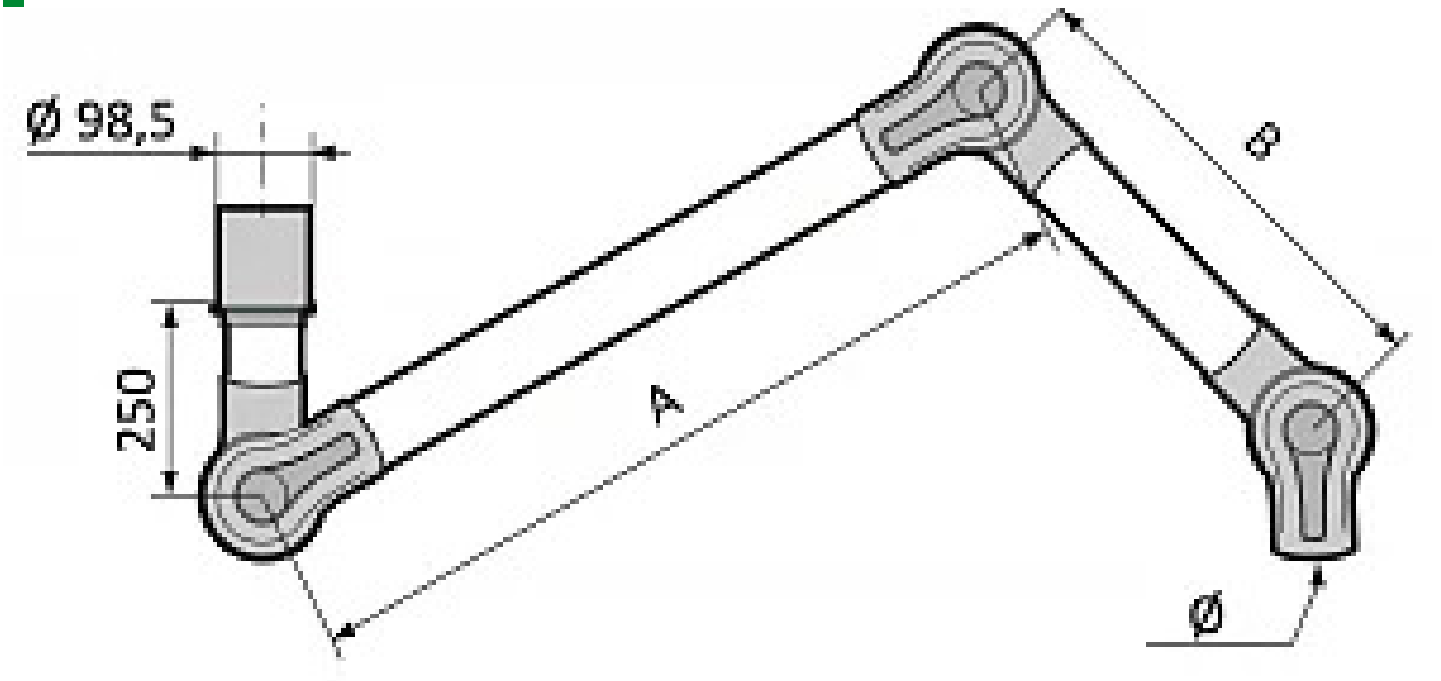


The arms, diam. 75 and length 1.5 and 2 m, are supplied with a gas piston for improved stability.
The gas piston can be used as a height limit switch, e.g. for low ceilings and lamps.

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Dimensions



Code	A mm	B mm	Ø C mm
CLAB50751000500	400	300	50
CLAB50751300500	550	450	50
CLAB50751500500	750	450	50
CLAB50751000750	400	300	75
CLAB751000750PP	400	300	75
CLAB50751300750	550	450	75
CLAB751300750PP	550	450	75
CLAB50751500750	750	450	75
CLAB751500750PP	750	450	75
CLAB50752000750	1000	650	75
CLAB10011500000	450	350	100
CLAB100115000PP	450	350	100
CLAB10013500000	550	450	100
CLAB100135000PP	550	450	100
CLAB10016500000	750	550	100
CLAB100165000PP	750	550	100
CLAB10019000000	1000	550	100
CLAB100190000PP	1000	550	100
CLAB10021000000	1000	750	100

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Code	A mm	B mm	Ø C mm
CLAB100210000PP	1000	750	100
CLAB10026500000	1300	1000	100
CLAB100265000PP	1300	1000	100

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Technical Data

Code	Dimensions A mm	Dimensions B	Dimensions Ø C mm	Weight kg
CLAB50751000500	400	300	50	1.5
CLAB50751300500	550	450	50	1.6
CLAB50751500500	750	450	50	1.9
CLAB50751000750	400	300	75	2.1
CLAB751000750PP	400	300	75	1.8
CLAB50751300750	550	450	75	2.5
CLAB751300750PP	550	450	75	2
CLAB50751500750	750	450	75	2.7
CLAB751500750PP	750	450	75	2.2
CLAB50752000750	1000	650	75	3.2
CLAB10011500000	450	350	100	4.5
CLAB100115000PP	450	350	100	4
CLAB10013500000	550	450	100	4.7
CLAB100135000PP	550	450	100	4.2
CLAB10016500000	750	550	100	5.8
CLAB100165000PP	750	550	100	5
CLAB10019000000	1000	550	100	6.2
CLAB100190000PP	1000	550	100	5.2
CLAB10021000000	1000	750	100	6.8
CLAB100210000PP	1000	750	100	5.7
CLAB10026500000	1300	1000	100	7.6
CLAB100265000PP	1300	1000	100	6.2

⚠ NOTE ON TECHNICAL DATA

Arm dimensions

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Related accessories



Rectangular hood 350×300 mm

CAPPARET3503000

Transparent rectangular extractor hood 350×300 mm for B/C/H LAB 50/75 mm arms.



Tube nozzle with 45° terminal

BOCCHETTAT45000

Aluminium nozzle with 45° cut end designed for close suction, compatible with LAB laboratory arms, the Airsafe line of medical aerosol purifiers.



Flexible nozzle L 600 mm with 45° terminal

BOCCHETF6004500

The flexible nozzle is designed to provide maximum mobility without compromising the effectiveness of airflow.



350VX circular transparent dome hood diam. 350 mm

CAPPA350VX00000

The transparent dome hood is suitable for lighter gases with a wider dispersion of contaminants, without impeding visibility.



Circular transparent dome hood 500VX diam. 500 mm

CAPPA500VX00000

Transparent suction hood in oversized version.



Transparent flat hood 300x200mm

CAPPAPIA3002000

Transparent rectangular extractor hood 300x200mm for H/B/C LAB arms, diameter 50, 75, 100mm.

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Rectangular hood 570×470 mm

CAPPARET5704700

Transparent rectangular suction hood 570×470 mm for H/B/C arms LAB100 mm



Circular lacquered aluminium hood diam 250 mm

CAPCIRC250ALL00

Circular extractor hood diam 250 mm in lacquered aluminium for C/H/B LAB arms.



Ceiling bracket for CLAB 50 and 75 arms

SSCLAB507500000

Aluminium ceiling bracket, lengths mm500 to mm2000 for CLAB50mm arms.



Ceiling bracket for CLAB 100 arms

SSCLAB100000000

Aluminium ceiling bracket, lengths mm500 to mm2000 for CLAB100mm arms.

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