

HLAB 50/75/100mm laboratory suction arm for wall mounting

📌 Sectors **Laboratories and Medical,**

📌 Applications **Fix**

📌 Issues **Fumes, Odours, Medical**

COD: HLAB50751000000



The **HLAB 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: wall-mounted

Arm supplied mounted, excluding wall mount and hood or suction nozzle (see accessories).

Aspirator: NO / to be connected to centralized system or wall-mounted purifier.

Recommended working flow rates: 90 mc/h (diam. 50mm) - 190 mc/h (diam. 75 mm) - 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)
- Ceiling mounting (CLAB series)

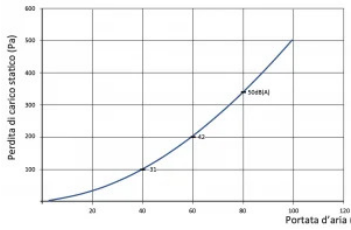
PP (polypropylene) version

Version with polypropylene joints and tubes. All metal parts that are in contact with the airflow are made of stainless steel. The PP version of is mainly used for evacuation of very corrosive contaminants in high concentrations, such as in laboratories and in pharmaceutical and chemical industries. When using a ceiling-mounted PP suction arm, it is recommended to order the ceiling mount with internal epoxy coating.

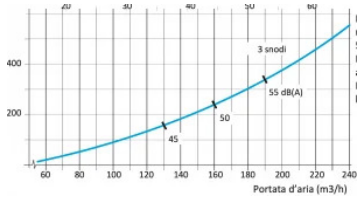
ATEX version

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.





Load capacities and noise levels arm diameter 50 mm



Load capacities and noise emissions arm diameter 75 mm

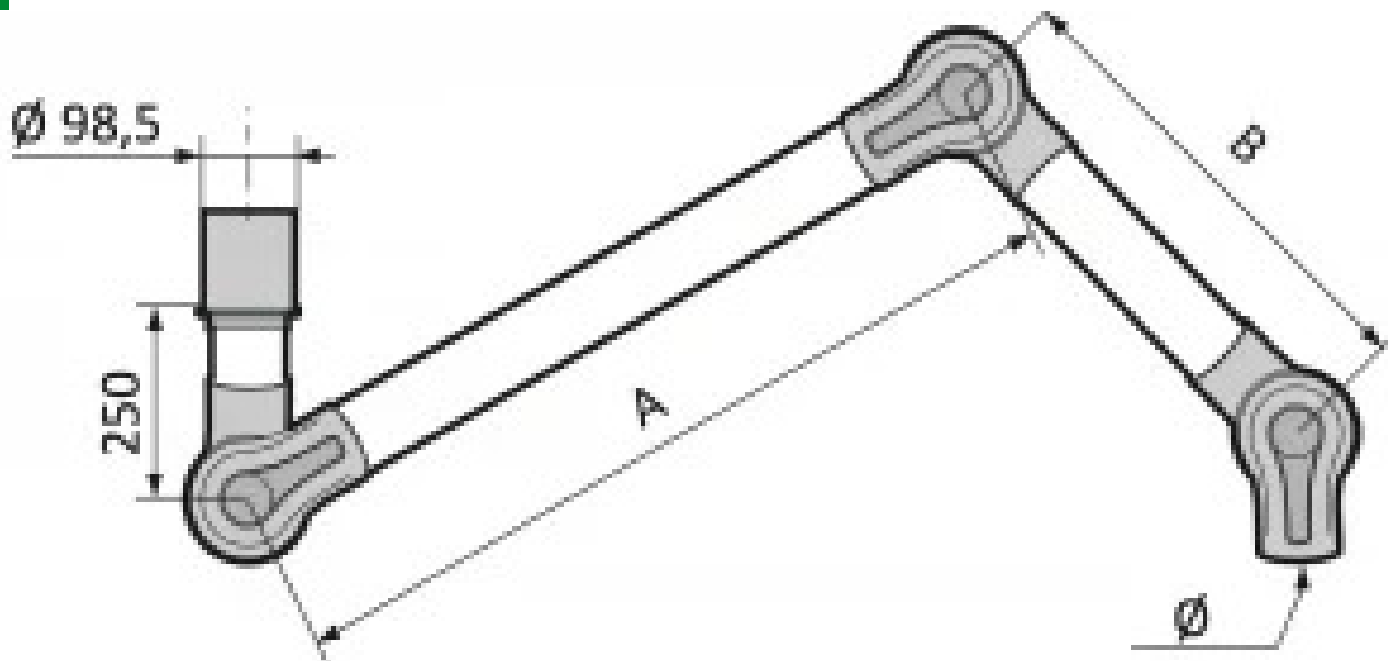


The diam 75 arms in 1.5 and 2 m lengths are supplied with a gas piston for improved stability.

The gas piston can be used as a height limit switch, e.g. for lamps and low ceilings.



Dimensions



Arm dimensions

| Code | A mm | B mm | Ø C mm |
|-----------------|---------|---------|-----------|
| HLAB50751000500 | 400 | 300 | 50 |
| HLAB50751300500 | 550 | 450 | 50 |
| HLAB50751500500 | 750 | 450 | 50 |
| HLAB50751000750 | 400 | 300 | 75 |
| HLAB507510007PP | 400 | 300 | 75 |
| HLAB50751300750 | 550 | 450 | 75 |
| HLAB507513007PP | 550 | 450 | 75 |
| HLAB50751500750 | 750 | 450 | 75 |
| HLAB507515007PP | 750 | 450 | 75 |
| HLAB50752000750 | 1000 | 650 | 75 |
| HLAB10011500000 | 450 | 350 | 100 |
| HLAB100115000PP | 450 | 350 | 100 |
| HLAB10013500000 | 550 | 450 | 100 |
| HLAB100135000PP | 550 | 450 | 100 |
| HLAB10016500000 | 750 | 550 | 100 |
| HLAB100165000PP | 750 | 550 | 100 |
| HLAB10019000000 | 1000 | 550 | 100 |



| Code | A mm | B mm | Ø C mm |
|-----------------|---------|---------|-----------|
| HLAB100190000PP | 1000 | 550 | 100 |
| HLAB10021000000 | 1000 | 750 | 100 |
| HLAB100210000PP | 1000 | 750 | 100 |
| HLAB10026500000 | 1300 | 1000 | 100 |
| HLAB100265000PP | 1300 | 1000 | 100 |



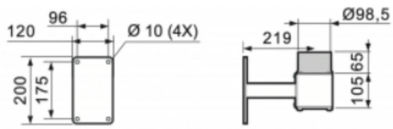
Technical Data

| Code | Dimensions A mm | Dimensions B mm | Dimensions Ø C mm | Weight kg |
|-----------------|--------------------|--------------------|----------------------|--------------|
| HLAB50751000500 | 400 | 300 | 50 | 3.8 |
| HLAB50751300500 | 550 | 450 | 50 | 3.9 |
| HLAB50751500500 | 750 | 450 | 50 | 4.2 |
| HLAB50751000750 | 400 | 300 | 75 | 4.4 |
| HLAB507510007PP | 400 | 300 | 75 | 4.1 |
| HLAB50751300750 | 550 | 450 | 75 | 4.8 |
| HLAB507513007PP | 550 | 450 | 75 | 4.3 |
| HLAB50751500750 | 750 | 450 | 75 | 5 |
| HLAB507515007PP | 750 | 450 | 75 | 4.5 |
| HLAB50752000750 | 1000 | 650 | 75 | 5.5 |
| HLAB10011500000 | 450 | 350 | 100 | 7.1 |
| HLAB100115000PP | 450 | 350 | 100 | 6.6 |
| HLAB10013500000 | 550 | 450 | 100 | 7.3 |
| HLAB100135000PP | 550 | 450 | 100 | 6.8 |
| HLAB10016500000 | 750 | 550 | 100 | 8.4 |
| HLAB100165000PP | 750 | 550 | 100 | 7.6 |
| HLAB10019000000 | 1000 | 550 | 100 | 8.8 |
| HLAB100190000PP | 1000 | 550 | 100 | 7.8 |
| HLAB10021000000 | 1000 | 750 | 100 | 9.4 |
| HLAB100210000PP | 1000 | 750 | 100 | 8.3 |
| HLAB10026500000 | 1300 | 1000 | 100 | 10.2 |
| HLAB100265000PP | 1300 | 1000 | 100 | 8.8 |



Photogallery

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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 lacquered aluminium hood diam 250 mm

CAPCIRC250ALL00

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



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.



Rectangular hood 570×470 mm

CAPPARET5704700

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

