

ORIGINAL[®] Plymoth

User Manual *Flexa*

Bench Top

and

Wall/Ceiling

1m, 1.3m and 1.6m.

Dia. 75mm/100mm.



Flexa Bench Top



Flexa Wall/Ceiling

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1. User regulations.

The Flexa Extraction-Arms are designed to extract fume and gases. The the Bench-Top and Wall/ceiling models have a swivel which allows the Arm to be rotated 360 degrees.

The Bench Top models can be mounted on top of a table with a hole through the table. It can also be mounted on the side of a table with the included table bracket.

The Wall/Ceiling models can be mounted on a wall with the included wallbracket or in the ceiling with just the swivel.

The flame-proof flexible hose, with covered steel spiral, has a parallelogram system inside to balance the hose and hood. This makes the Hood extremely easy to move to a new position and stays in position.

On the plastic extraction-arms on the market you need to loosen the friction joints, move the arm, and then tighten them again. It is often not done and the hood stays too far away from the pollution source. The polluted air will not be caught.

The Flexa steel hood is black painted and can be turned 90 degrees in all directions. It can easily be positioned at any point within the working area. The Flexa Extraction-Arms can also be equipped with a dome formed transparent hood (Extra Equipment).

The Flexa Extraction-Arms can be connected to a separate Filter-Unit "Labbe 400(P-947)" for 1-3 Arms or "MF-LAB/CF-HEPA (P-965/966)" for 4-8 Arms. Flexa can also be connected to a central fan system. Max allowed vacuum is 700Pa.

Max temperature of the exhausted air is 70 Degrees Celsius.

Recomended airflow for d.75mm Arms is 100-175m³/h.

Recomended airflow for d.100mm Arms is 200-400m³/h.

2. Safety.

The product is designed to meet the requirements of the relevant EC directives. To maintain this status all installations, repair and maintenance work must be carried out by qualified personnel using only original spare parts. Contact your nearest authorised dealer for advise

WARNING ! Ignition risk for some dust or solvents!

**Check that no Objects which can cause fire are sucked into the arm.
Avoid impacts against hood.**

3. User Instruction.

FlexaExtraction-Arms are designed for capturing dust, fumes and gases and the Hood can easily be positioned at any point within the working area.

For the best capturing efficiency, the hood should be positioned as near the fume or dust generating process as possible, but without sucking in sparks.

Always dimension your systems so the airflow is sufficient for the application in question.

Recommended airflow for Flexa Extraction-Arms is 100-175m³/h for dia.75mm and 200-400m³/h for dia.100mm.

4. Installation instruction.

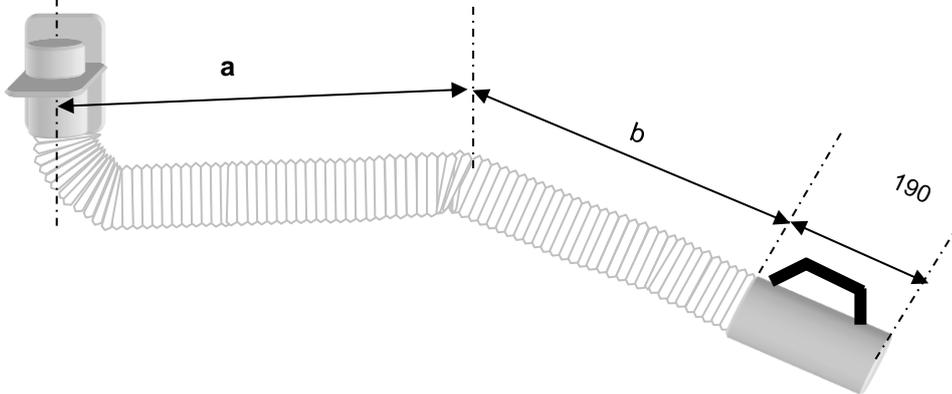
Flexa Bench Top and Wall/Ceiling Ø 75/100mm.

Measures a,b and 190mm are the same for both Models.

Inside measure

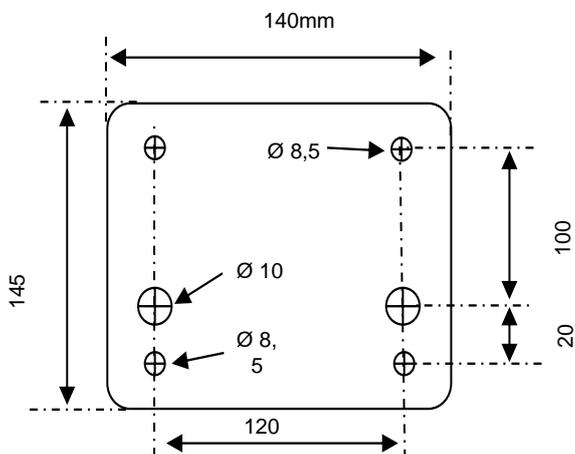
d.80.5mm(d.75mm Arm)

d.100.5mm(d.100mm Arm)

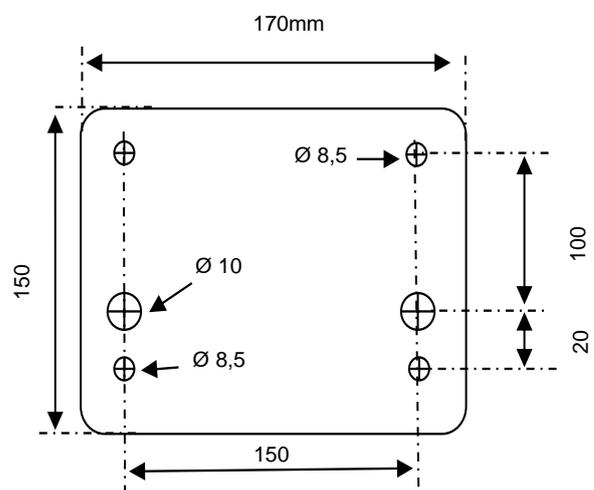


	a	b
1m Flexa	400mm	400mm
1.3m Flexa	580mm	580mm
1.6m Flexa	705mm	705mm

Wallbracket d.75mm



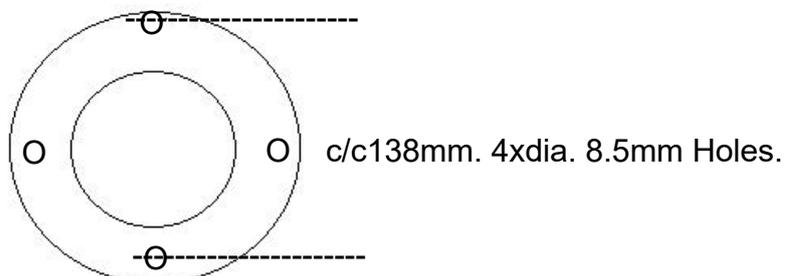
Wallbracket d.100mm



Swivel Plate for mounting on Table or in Ceiling is part of the included Wallbracket. Drill a hole 80mm(d.75mm Arm) or 100mm(d.100mm Arm). Use 4 M8 bolts long enough to reach trough the table or Ceiling to fasten the swivel and then attach the inlet on the other side, on the bolts. Inside measure of outlet is:

80.5mm(d.75mm Arm).

100.5mm(d.100mm Arm).



**Pressure Drop.
Flexa Bench top and Wall/Ceiling Extraction-Arms.**

Ø 75mm.

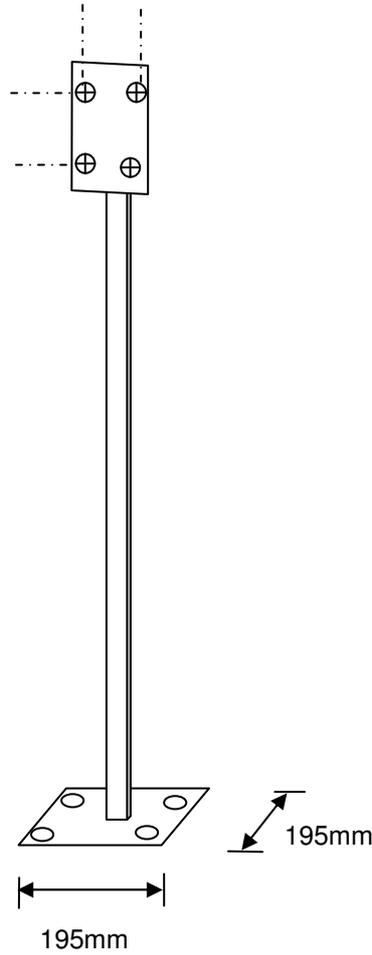
Extraction-Arm	100m³/h	125m³/h	150m³/h	175m³/h
1m Ø 75mm	175 Pa	255 Pa	320 Pa	490 Pa
1.3m Ø 75mm	190 Pa	270 Pa	345 Pa	530 Pa
1.6m Ø 75mm	205 Pa	285 Pa	370 Pa	570 Pa

Ø 100mm.

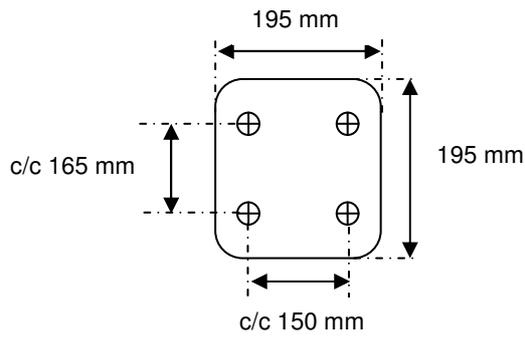
Extraction-Arm	200m³/h	250 m³/h	325 m³/h	400 m³/h
1m Ø 100mm	210 Pa	270 Pa	420 Pa	600 Pa
1.3m Ø 100mm	225 Pa	285 Pa	450 Pa	630 Pa
1.6m Ø 100mm	245 Pa	310 Pa	580 Pa	660 Pa

Ceiling and Floor Columns for Flexa/Chemikus/Flexi Extraction-Arms.

Wallbracket

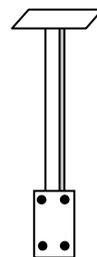


Foot/Ceiling



Height	Artikel No.
0,5m	P-427
0,75m	P-428
1,0m	P-021
1,25m	P-429
1,5m	P-430
1,75m	P-431
2,0m	P-022
2,25m	P-432
2,5m	P-433

Also for Ceiling use



5. Spare parts.

Spare parts **Flexa Ø 75/100mm.**

Only use original Spare parts to maintain the status of the installation.

6. Maintenance

We recommend regular safety controls at least once a year on the following points: Control the bolts of the wallbracket.

Control the hose, no damages etc.

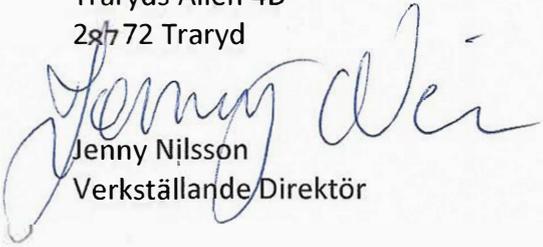
Control bakelite washers and Bolts. See below.

Control the airvolume.

7. Declaration of conformity

We, J. Plymoth AB, declare under our sole responsibility that the product lines **Flexa, Chemikus, Flexi, Super-Max and Super-Vac** to which this declaration relates is in conformity with Directives 2006/42/EC and Standards EN ISO 12100:2010 and EN ISO20607;2019.

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Verkställande Direktör

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