

Junior
LM-2

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Junior LM-2

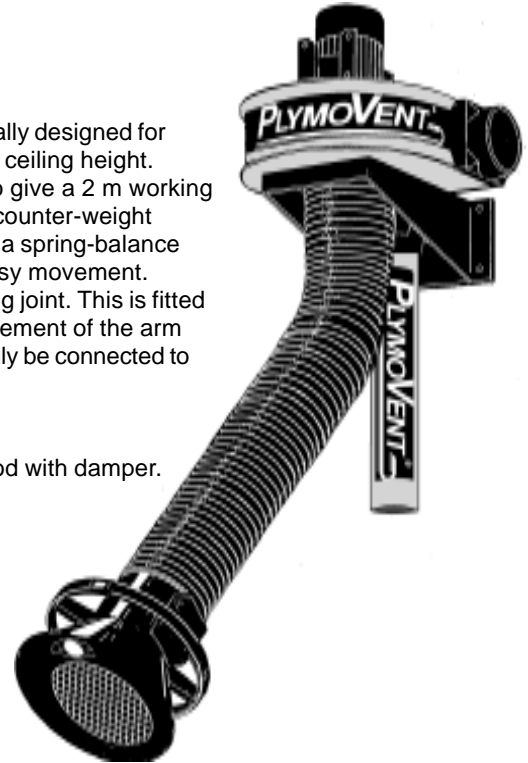
The PlymoVent Junior, LM-2, is an efficient and versatile fume extractor, especially designed for benchwork. Perfect for schools, small working booths and any area with a low ceiling height. The extraction arm is based on a telescopic tube, allowing it to be extended to give a 2 m working radius and compressed to 1m. The spring-balancing together with the external counter-weight ensures that the hood stays exactly where you position it. The arm is fitted with a spring-balance which enables it to be moved from a vertical to a horizontal position in one easy movement. The arm can be turned through 300° due to PlymoVent's renowned ball-bearing joint. This is fitted together with an adjustable friction brake in the wall mounting bracket. All movement of the arm is controlled from the hood. Extension hoses (FSL-1, SLE-20 or SLE-30) can easily be connected to the arm after releasing the simple catch and removing the hood.

Delivery

The LM-2 is delivered complete with wall mounting bracket, arm, hose and hood with damper.

Advantages

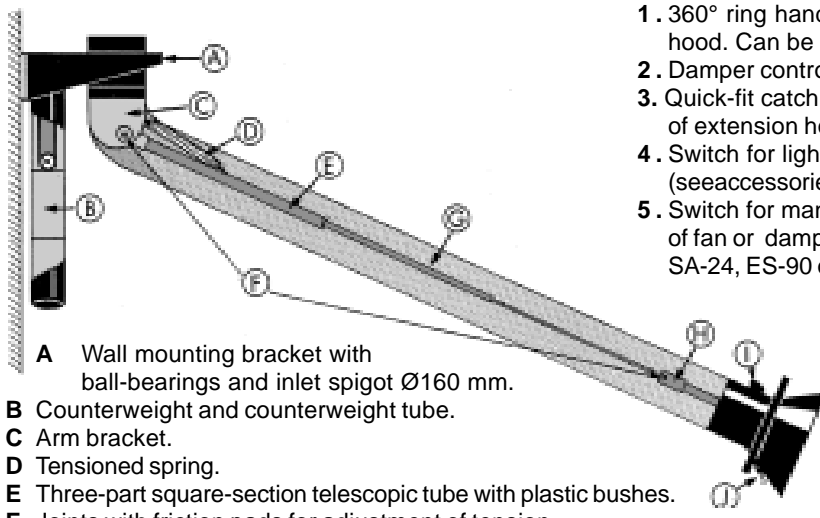
- Precise and easy positioning thanks to the counterweight system which balances the hood.
- Spring assisted vertical movement.
- Flexible working radius due to the "telescopic" operation.
- Small and compact. Ideal for confined working areas and low ceiling heights.
- The one and only benchwork extractor.
- Wide coverage – can easily be turned through 300°.



Technical data

Prod. no:	Max Length	Min Length	Hose Diameter	Recommended Airflow at the Hood in m³/h
LM-2	2,0 m	1,0 m	160 mm	800-1200 m³/h

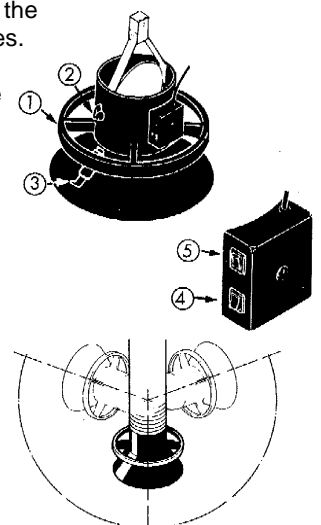
Construction and function



- A** Wall mounting bracket with ball-bearings and inlet spigot Ø160 mm.
B Counterweight and counterweight tube.
C Arm bracket.
D Tensioned spring.
E Three-part square-section telescopic tube with plastic bushes.
F Joints with friction pads for adjustment of tension.
G Flame-proof double skin flexible hose of PVC coated woven polyamide with internal steel spiral. (Resistant to 85°C when in continuous use).
H Universal joint.
I Hood collar with manual shut-off damper.
J Hood constructed from sheet steel, with safety mesh and quick-fit coupling. Hood opening Ø300 mm. Large comfortable circular handle Ø300 mm.

Handling

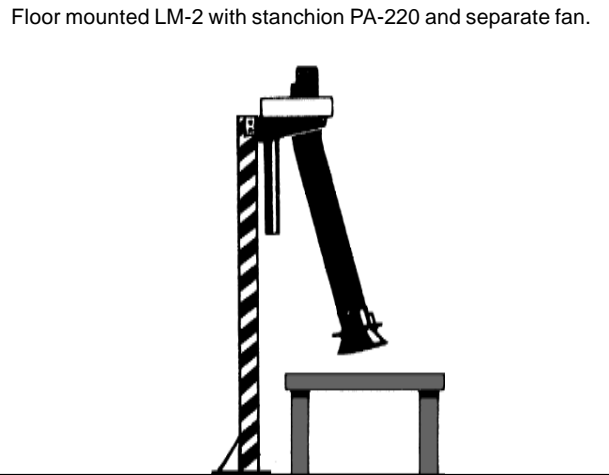
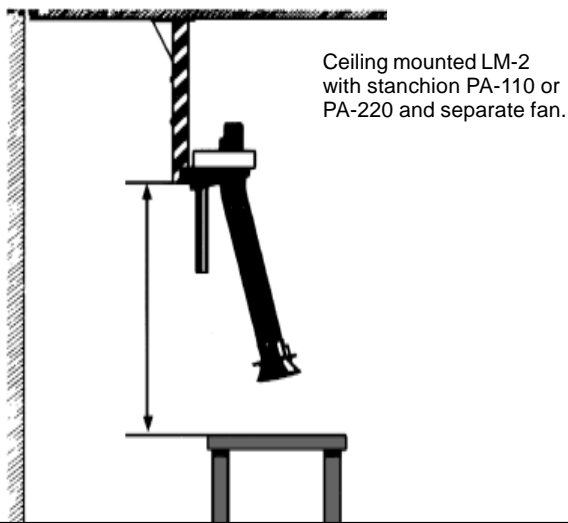
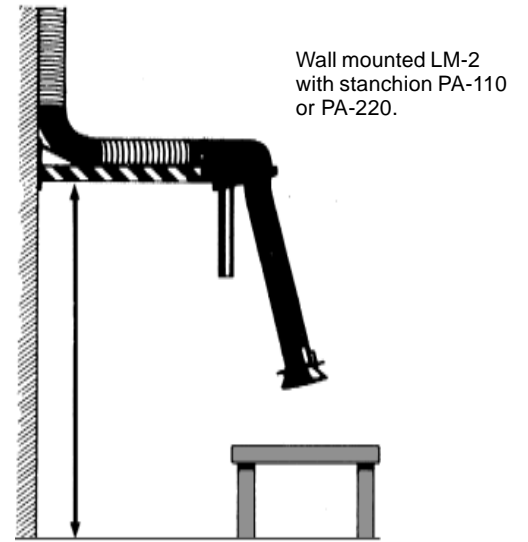
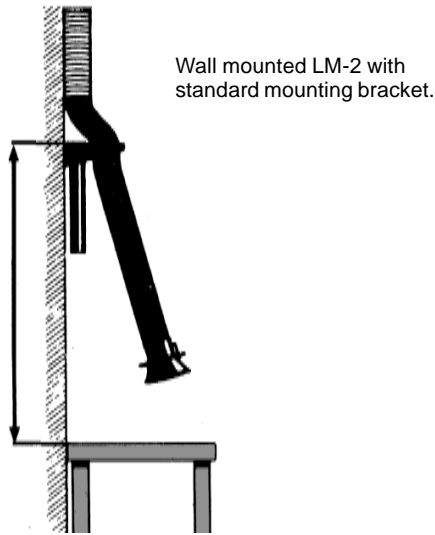
1. 360° ring handle for positioning of the hood. Can be reached from all sides.
2. Damper control knob.
3. Quick-fit catch for simple exchange of extension hose and hood.
4. Switch for light cartridge (see accessories HL-20/24).
5. Switch for manual start/stop of fan or damper (see accessories SA-24, ES-90 or ASE-12).



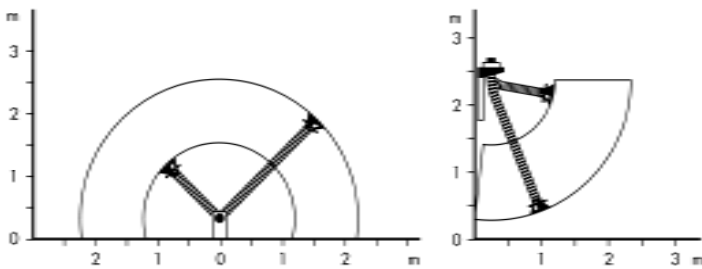
Hood operation

The black enamelled ano-dised metal hood can be angled 110° forwards, backwards and to the sides. Large, 360°, ring handle, Ø300 mm.

Mounting Example

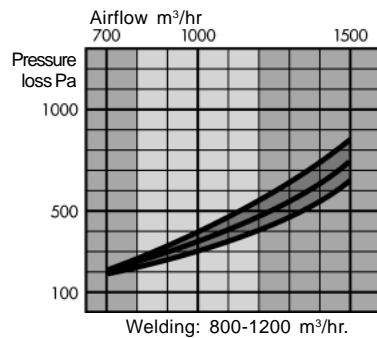


LM-2 Working Area



Pressure Loss

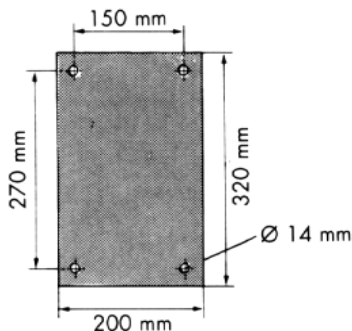
The pressure loss diagram below shows the average pressure loss through the LM-2.



The following aspects affect the pressure loss in PlymoVent's LM-2:

1. The air volume.
2. The number of bends and the extent of these.

PA-110 and PA-220 mounting plate



LM-2 wall mounting bracket dimensions

