

# Junior

Compact and handy extractor  
for small work places

*Specially designed for schools, colleges, small working booths and areas with a low ceiling. PlymoVent Junior will soon become your close friend and working partner. An efficient, versatile benchwork extractor, always at hand and easy to reach.*



## Single-handed

Why not get yourself the best benchwork extractor on the market - the one already chosen by many schools and colleges! The Junior is incredibly easy to move. So easy that you can position the hood anywhere within the whole working radius, with just your index finger! That's no exaggeration - try it yourself!

## ESSENTIAL FACTS

*PlymoVent Junior works according to the "telescope" principle. The extraction arm has a spring-balanced telescopic tube with a counterweight. It can be extended and contracted concertina-fashion and can be angled and positioned exactly as required.*

- You can alter the Junior's working radius, within 2 metres, in one simple movement. And it will stay exactly where you put it.
- The arm can be turned easily and smoothly through 300° due to PlymoVent's famous ball-bearing joint with adjustable friction brake in the mounting bracket.
- The arm is manoeuvred from the hood, which itself can be angled 110° in any direction by means of the large ring handle.
- The air flow at the hood is easily controlled by a built-in damper.
- A powerful 20 watt halogen lamp cartridge can be fitted to the hood, to provide illumination to the work area.
- The length of the arm can be easily extended by the removal of the hood and the attachment of an extension hose.
- For fans to be used with the Junior please see PlymoVent's complete program.

© Copyright. All rights reserved.



### PLYMOVENT AB

Industrigatan 26, 212 14 Malmö, Sweden  
Tel: 040-30 31 30, Fax: 040-30 31 40  
www.plymovent.se, info@plymovent.se

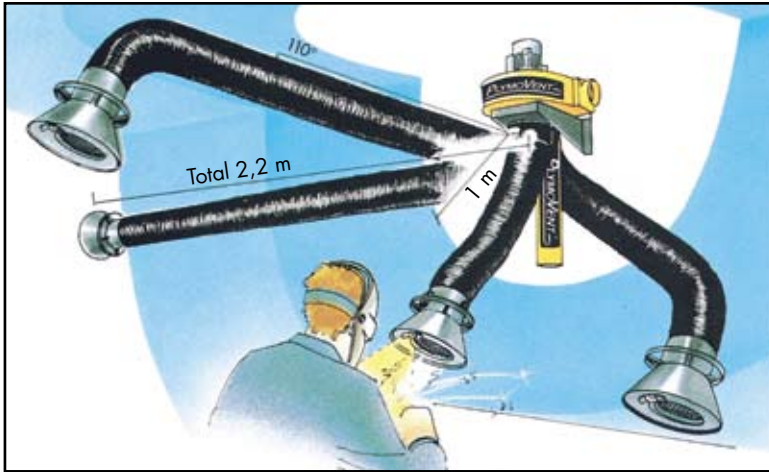
### PLYMOVENT LTD

Marley Way, Southam Rd, Banbury OX16 2RA, England  
Tel. (01295) 25 93 11, Fax (01295) 27 17 50  
www.plymovent.com, info@plymovent.co.uk

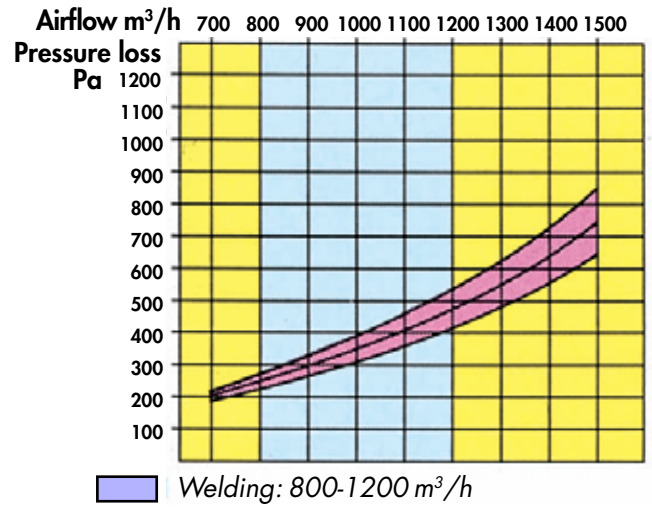
**PLYMOVENT®**

# PlymoVent "Junior" – the comprehensive fume extractor

## The working area of the hood



## Pressure loss chart



## TECHNICAL DATA

### Junior LM-2 (Wall bracket, arm, hose and hood with damper included)

Prod. no.	Max. length	Min. length	Hose diameter	Recommended airflow at hood
LM-2	2.0 m	1.0 m	160 mm	800-1200 m <sup>3</sup> /h

Fans for mounting directly to wall bracket (Note! The fans should be fitted with recommended motor overload).

Prod. no.	Airflow freeblowing	Motor kW	Voltage	Motor Overload Amps	Motor Overload Prod. no	Approx. airflow at the hood with 10 m outlet duct
FUA-1300	1400 m <sup>3</sup> /h	0,37	400 V, 3-ph	1,0 - 1,1	MS-1.0/2.9*	950 m <sup>3</sup> /h
FUA-1301	1400 m <sup>3</sup> /h	0,37	230 V, 1-ph	2,7 - 2,8	MS-1.0/2.9*	950 m <sup>3</sup> /h
FUA-1800	1800 m <sup>3</sup> /h	0,55	400 V, 3-ph	1,4 - 1,5	MS-1.0/2.9*	1200 m <sup>3</sup> /h
FUA-2100	2160 m <sup>3</sup> /h	0,75	400 V, 3-ph	1,9 - 2,0	MS-1.0/2.9*	1300 m <sup>3</sup> /h
FUA-2101	2160 m <sup>3</sup> /h	0,75	230 V, 1-ph	5,0 - 5,2	MS-3.7/12.0*	1300 m <sup>3</sup> /h

\*To be fitted in PlymoVent starter panel. For other installations, please contact our customer service.

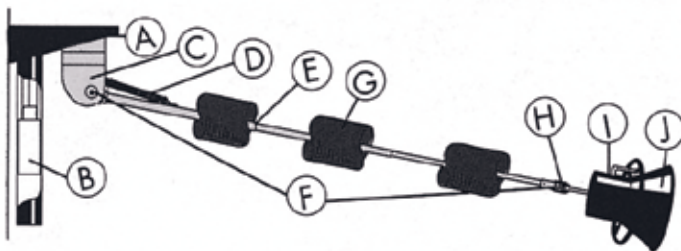
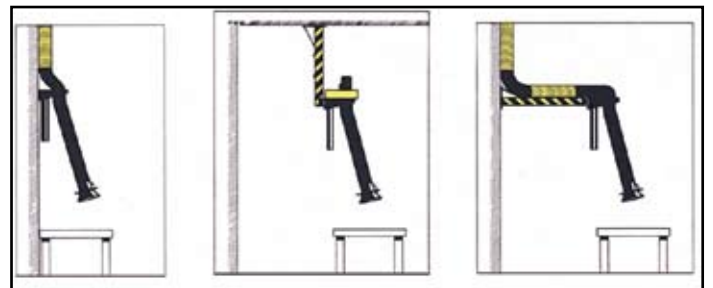
## Complementary products and accessories

### Stanchions for ceiling, floor or wall mounting

Prod. no.	Length mm
PA-110	1100
PA-220	2200

### Halogen lamp cartridge

Prod. no.	Rating
SK-20/24	20 watt/24V



- 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 nylon bushes.

- F Joints with friction pads for adjustment of tension of arm.
- G Flame-proof double skin flexible hose of PVC coated woven polyamide with internal steel spiral.
- H Universal joint.
- I Hood collar with manual shut-off damper.
- J Hood with safety mesh and quick-fit coupling. Hood opening Ø 300 mm. The hood can be turned 110° in all directions.

[www.plymovent.com](http://www.plymovent.com)