

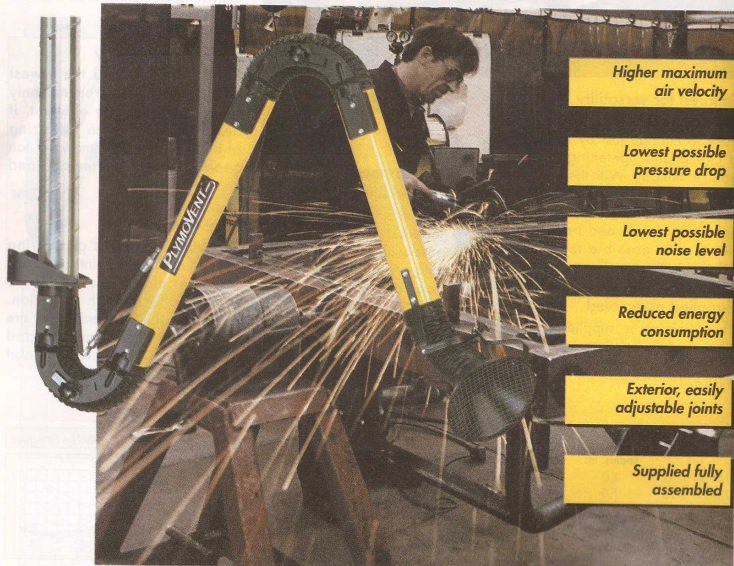
Miniman 100 mm – The “Clear-Thru” performance arm



Dust extraction with true efficiency

Clear-Thru, totally free from internal mechanisms, the Miniman is the high performance solution for dust applications. Grinding, polishing, slagging and other types of operations generating heavy dust are ideal for this Ø 100 mm arm.

The unobstructed airflow means maximum extraction efficiency and lowest possible pressure drop. Considering the range of design benefits and quality that lasts, the Miniman 100 mm is a favourite choice for the professionals.



Higher maximum air velocity

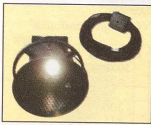
Lowest possible pressure drop

Lowest possible noise level

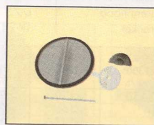
Reduced energy consumption

Exterior, easily adjustable joints

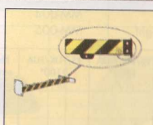
Supplied fully assembled



HL-20/24-100



D-100



PA-110



PA-220

PlymoVent reserves the right to make design and technical changes.

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Features tuned for Performance



Smooth and easy handling

Arm balancing support by an elastic bungee cord (hanging) or gas spring (standing) provides very positive movement characteristics. The external joints are easily adjusted for smooth operation. In hanging application the arm reaches high above its mounting height. The mounting bracket allows for 360° rotation.

Supplied assembled

Miniman 100 mm is supplied assembled, saving installation time and eliminating assembly mistakes.



Efficiency at reduced air volumes

The unobstructed airflow provides effective extraction with low air volumes. This means reduced costs for installation, lower demands on filter size and fan capacity, plus energy savings.

TOPGRADE COLLECTION

also available in stainless steel, see inside front cover

Versatility for many tasks

Mountings, either hanging or standing together with the choice of two lengths make the new arm versatile. It is equally suitable for light fume and smoke applications like soldering, where a larger capture area is desired compared to the Miniman 75 mm. It is also ideal for other light applications such as spot welding, TIG welding and in schools and training

Close-to-the-source exactness

The hood can easily be angled in all directions. Rubber sealed damper with accurate damper control available as accessory. The rubber sealing minimizes noise when the damper is shut and several damper positions allow fine-tuning of the airflow. A halogen light kit is also available as an accessory.

Design allowing high airflow

The 100 mm Miniman is ideal for applications where a high air velocity is desired such as in grinding, polishing and slagging applications with coarse or heavy dust particles. The Clear-Thru design allows for high maximum air volume at lowest possible noise level.

TECHNICAL DATA

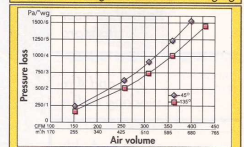
Product no:	Working radius, m:	Weight kg:	Tube/hose diam, mm:	Max air volume m ³ /h:	Rec. air volume m ³ /h:
MMS-100-15*	1.5	8,6	100	700	300-500
MMH-100-15*	1.5	8,6	100	700	300-500
MMS-100-21*	2.1	9,2	100	700	300-500
MMH-100-21*	2.1	9,2	100	700	300-500

* Also available in white (-W).

Accessories

HL-20/24-100	Halogen light kit	PA-110	Stanchion 110 cm
D-100	Damper	PA-220	Stanchion 220 cm

MMS – Standing MMH – Hanging



Extractor type	No of extractors	FS/FUK/FUA			FS/FUK/FUA			No of extractors	FS/FUK/FUA			FA
		1300*	1800*	2100*	3000**	3000**	4700**		6000**	3000**	4700**	
Miniman 100	1	600				6	365	575				
	2	425	500			7	315	515				
	3		350	500		8		465	575			
	4		275		400 525	9			415	515		
	5			265		325 440	10			375	475	

Recommended fans

* System pressure loss 100 Pa. ** System pressure loss 200 Pa.

PlymoVent Miniman 100 mm delivers unsurpassed airflow (flowrates) compared to other arm types.

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