

# Ball-bearing KUA

A superflexible extractor for small and medium sized work places



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**PLYMOVENT**<sup>®</sup>  
INTELLIGENT PROCESS VENTILATION™

*PlymoVent's "KUA" is the most flexible extraction arm on the market for fume, gases and oilmist.*

*All in all, the perfect solution technically, practically, economically and aesthetically.*

*Take a close look at it!*

*The KUA is, of course, compatible with all other products in the PlymoVent range.*

# Always at hand - PlymoVent's KUA

## At your service.

Unique to the KUA is the combination of inner and outer arm of smooth aluminium tubing connected by a our unique middle joint.

The external easy-to-adjust elbow joint, together with the spring-assisted joint sup-



ported in double ball-bearings, make manoeuvring of the arm a simple, one movement operation. When you move the arms – vertically and horizontally – you use PlymoVent's easy-to-reach ring handle.

You position the arm exactly where you want it, when you want it! The hood can be angled 110° in any direction, which makes anything possible!

The KUA can even reach above its own mounting height, and can be turned through 360°. It can be folded back and put to one side according to your needs. In other words, the KUA will follow you around the workplace smoothly and faithfully.

## Offers you the best.

Another important feature is the construction of the KUA. The inner and outer arms are made of smooth aluminium tubing. This makes the arm more robust, allows better airflow and reduces the overall weight and noise level, even with large volumes of air going through. KUA combines quality with strength and has no equal!



*The smooth aluminium tubing, which replaces the hose, allows maximum airflow, increases the life span of the arm and reduces the need for servicing and maintenance.*



*Large, ring handle which can be reached from any position. All manoeuvring is done with just one hand.*



*The PlymoVent 20 watt halogen lamp cartridge, HL-20/24 is also available – an accessory which compliments the arm.*



*KUA can be mounted on a wall and also on a stanchion (PA-110 and PA-220). The arm has ball-bearings hinges and adjustable friction brakes turning through 360°.*



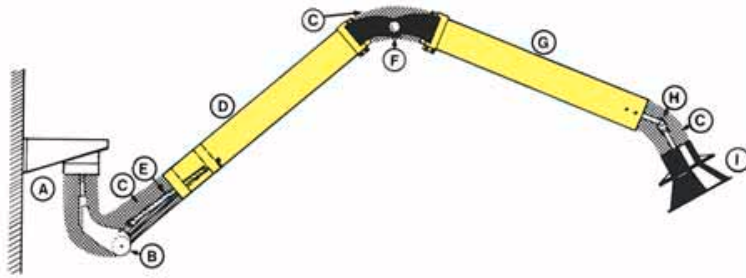
*Unique to the KUA is the external mounted middle joint. An innovation which makes the KUA extremely flexible and easy to adjust.*



*Three alternative fans offer you exactly the extraction capacity you need. We recommend between 500 and 700 CFM at the hood. The fan fits easily to the mounting bracket of the arm.*

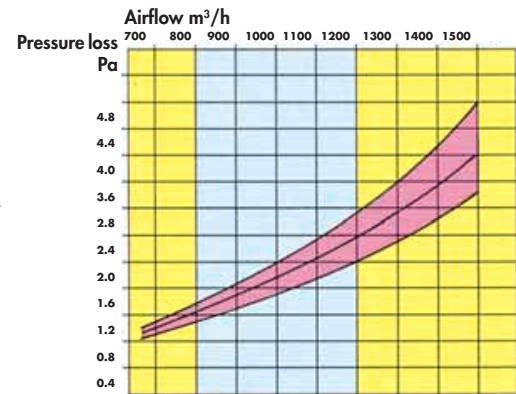
# PlymoVent's KUA - smooth and easy going

## ESSENTIAL FACTS



- A Wall mounting bracket with ball-bearings and inlet spigot.
- B Inner arm mounting bracket with friction pads for adjustment of tension of arm.
- C Flame-proof double skin flexible hose of PVC-coated woven polyamide with internal steel spiral.
- D Inner arm tubing in aluminium.
- E Tensioned spring.
- F External adjustable elbow joint.
- G Outer arm tubing in aluminium.
- H Universal joint with hood collar and shut-off damper.
- I Hood with safety mesh and quick-fit coupling.  
Hood opening  $\varnothing$  300 mm .  
The hood can be turned 110° in all directions.

### Pressure loss chart



Welding: 500-700 CFM

### Mounting Examples for KUA



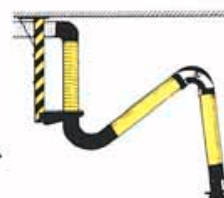
Standing version, for example on a filter.



KUA with standard mounting bracket and individual fan.



KUA wall mounted with stanchion PA-110 or PA-220.



KUA ceiling mounted with stanchion PA-110 or PA-220.

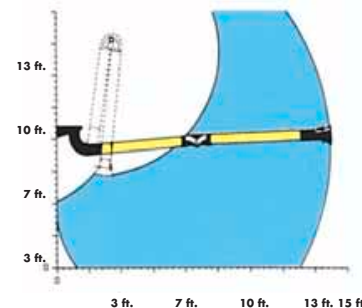


KUA floor mounted with stanchion PA-220 and individual fan.

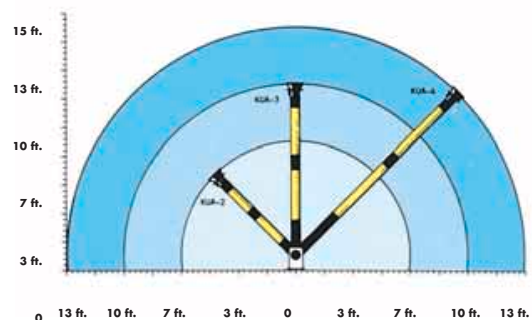


The black, anodized metal hood can be angled 110° in any direction. It is detachable, has a safety mesh and a controlspace-handle for the damper.

### Working area of KUA -4



### Maximum reach of KUA -2 -3 -4



# TECHNICAL DATA

## Ball-bearing jointed extraction arms KUA

(Wall bracket, arm, hose and hood with damper included)

Prod. No.	Max. working radius in ft.	Hose diameter inches	Recommended airflow at hood CFM
KUA-2	7 ft.	6.25"	500-700
KUA-3	10 ft.	6.25"	500-700
KUA-4	14 ft.	6.25"	500-700



## Fans for mounting directly to wall bracket

(Note! The fans should be fitted with recommended motor overload)

Prod. No.	Airflow CFM freeblowing	Motor Hp	Voltage**	Approx. airflow at the hood with 30 ft. exhaust duct on outlet
FUA-1300	825	1/2	208/230/460/575, 3-ph.	560 CFM
FUA-1301	825	1/2	110/220, 1-ph	560 CFM
FUA-1800	1060	3/4	208/230/460/575, 3-ph.	710 CFM
FUA-2100	1300	1	208/230/460/575, 3-ph.	765 CFM
FUA-2101	1300	1	110/220, 1-ph	765 CFM

## Complementary products and accessories.

### Stanchions for ceiling, floor or wall mounting

Prod. no.	Length
PA-110	3 ft.
PA-220	7 ft.

### Halogen lamp cartridge

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

