

# Movable Extraction Arm Hoods



In-lab ventilation system is no longer necessary with movable extraction arm hood. It can serve as the best mobile or fixed mounted fume extraction system.



Extraction filter system  
(filter box with pre-filter)

## EFS-33-50D with AH-50 (2ea)

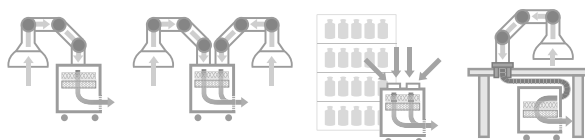
### Essential Components see page 67

- Extraction filter system (filter box with pre-filter)
- Chemical filter
- Extraction arm hood

Make your own extraction hood by selecting each component.

### Step 1. Extraction Filter Systems

- Single type and double type filter systems are available. Double type filter system can accommodate two arms, beneficial for space efficiency. If necessary, you can cover up one extraction hole in order to use it as single type filter system. In this case, you can also place filter system under table. Use of it alone without installing any arms can also perform as an air purifier.
- Durable BLDC motor provides quiet and comfortable working environment.
- Automatic fan malfunction warning alarm.
- Convenient air flow control.
- Airflow rate Max. 240m<sup>3</sup>/h. (tested with installing one arm)
- Compact body with built in castors for great mobility. (460x460x650mm / 18.1x18.1x25.6inch)



Various applications

Cat. No.	Description	Suitable for
<b>AAHB6312</b>	EFS-33-50S, Single hole	AH-50
<b>AAHB6313</b>	EFS-33-50D, Double holes	
<b>AAHB6314</b>	EFS-33-75S, Single hole	AH-75
<b>AAHB6315</b>	EFS-33-75D, Double holes	

※ 230V, 50/60Hz, 1.5A.

## Step 2. Filters

- Various filters are on your selection for safe and effective fume extraction.
- Gas detecting port for checking filter condition.

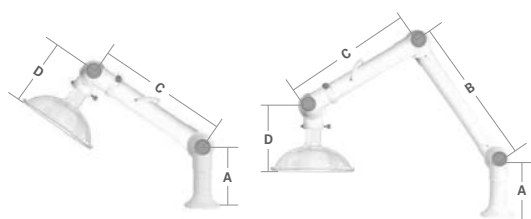
Cat. No.	Description
AAAB6354	Complex carbon filter
AAAB6356	Acid filter <sup>1)</sup>
AAAB6358	Formaldehyde filter
AAAB6359	Ammonia / Amines filter
AAAB6353	HEPA filter
AAAB6360	Pre filter

1) Please do not use high percentage of reactive acid such as perchloric acid.

\* For chemical filters' application list and Gas Detector & Tubes ordering information, please refer to page 65.

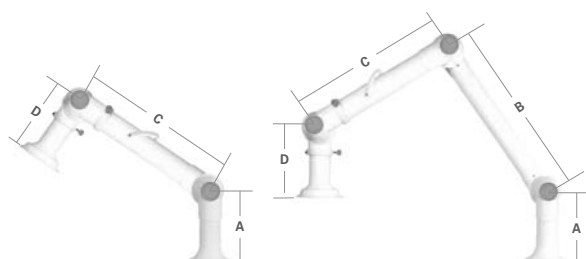
## Step 3. Extraction Arm Hoods

- 50mm and 75mm arms are available. Also 2 joints and 3 joints are selective. Arm joints are easily removable for simple adjustment of length of the arm. (removable parts : B)
- 360-degree rotatable joints in the arms provide exceptional flexibility for easy positioning.
- Chemical-resistant and heavy duty polypropylene extraction arm.
- Air flow rate is adjustable by the damper of the extraction arm.



AH-50 with dome hood

Cat. No.	Joint	Length (mm / inch)				Total
		A	B	C	D	
AAAB6552	2	250/9.8	-	440/17.3	250/9.8	940/37
AAAB6554			-	640/25.2		1140/44.9
AAAB6562	3	250/9.8	540/21.3	440/17.3	250/9.8	1480/58.3
AAAB6563			640/25.2	540/21.3		1680/66.1

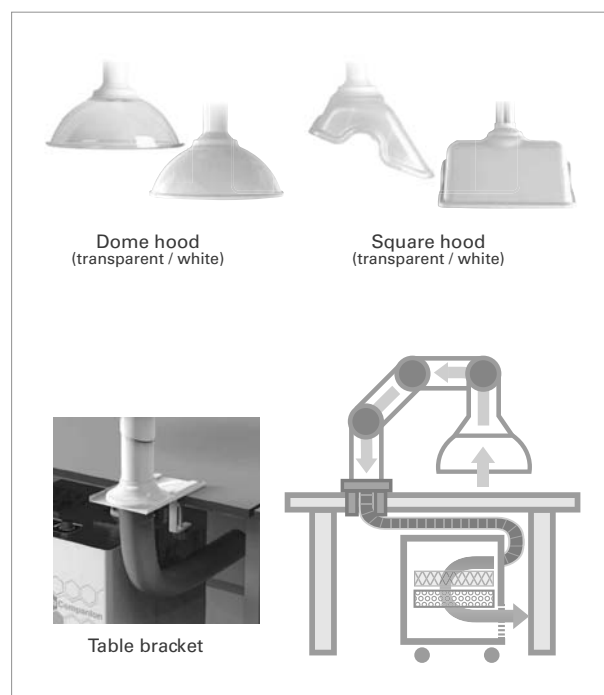


AH-75 with basic hood

Cat. No.	Joint	Length (mm / inch)				Total
		A	B	C	D	
AAAB6511	2	250/9.8	-	530/20.9	260/10.2	1040/40.9
AAAB6541	3		640/25.2	-		1680/66.1

## Step 4. Additional Components

- Different shapes of hoods are available for effective fume extraction. Dome hood is suitable for extracting heated fumes or fumes lighter than air. Square hood is specially designed to face on the working surface, extracting fumes heavier than air.
- Table bracket set can fix arm to working table, beneficial for convenient user's experiments on the table. In addition to that, filter system can be located under table for space saving.



Cat. No.	Description	Suitable for
AAAB6221	Dome hood (polypropylene, white, ØxH 400x140 mm / 15.7x5.5 inch)	AH-75
AAAB6211	Dome hood (styrene butadiene copolymer, transparent, ØxH 400x140 mm / 15.7x5.5 inch)	
AAAB6241	Square hood (polypropylene, white, WxDxH 494x390x245 mm / 19.4x15.4x9.6 inch)	
AAAB6231	Square hood (styrene butadiene copolymer, transparent, WxDxH 494x390x245 mm / 19.4x15.4x9.6 inch)	
AAAB6352	Table bracket set (bracket + flexible duct) (WxDxH 165x254x110mm / 6.5x10x4.3 inch)	
AAAB6351	Table bracket set (bracket + flexible duct) (WxDxH 165x254x110mm / 6.5x10x4.3 inch)	AH-50

## Extraction Arm Hoods

The best solutions for eliminating dust and fume hazards at source. Mountable on any surface such as ceiling, wall only when you have a ventilation system in your lab.



### AH-75 / AH-50(C)

with optional brackets and dome hood

#### Essential Components

see page 69

- Extraction arm hood, Bracket



Quick tilt-adjustable knob



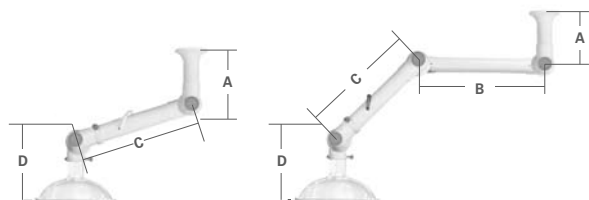
360° rotatable joint



Damper for airflow rate adjustment

### Step 1. Extraction Arm Hood

- 50mm and 75mm arms are available. Also 2 joints and 3 joints are selective. Arm joints are easily removable for simple adjustment of length of the arm. (removable part : B)
- Chemical-resistant and heavy duty polypropylene extraction arm.
- 360-degree rotatable joints in the arms provide exceptional flexibility for easy positioning.
- Chemical-resistant and heavy duty polypropylene extraction arm.
- Air flow rate is adjustable by the damper of the extraction arm.

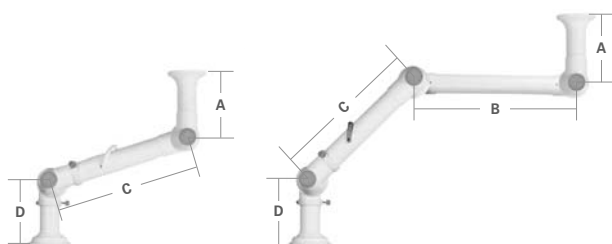


AH-50 with dome hood

Cat. No.	Joint	Length (mm / inch)				Total
		A	B	C	D	
AAAB6552	2	250/9.8	-	440/17.3	250/9.8	940/37
AAAB6554			-	640/25.2		1140/44.9

AH-50C with dome hood

Cat. No.	Joint	Length (mm / inch)				Total
		A	B	C	D	
AAAB6565	3	250/9.8	540/21.3	440/17.3	250/9.8	1480/58.3
AAAB6566			640/25.2	540/21.3		1680/66.1
AAAB6567			740/29.1	540/21.3		1780/70.1

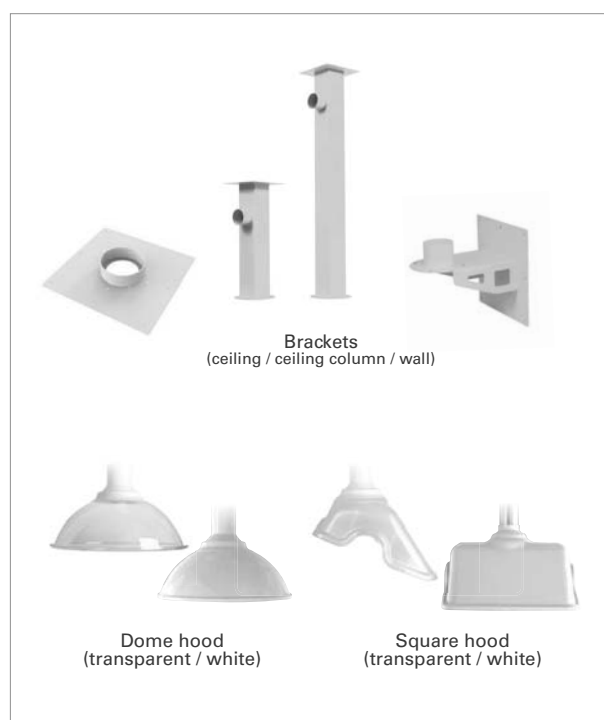


AH-75C with basic hood

Cat. No.	Joint	Length (mm / inch)				Total
		A	B	C	D	
AAAB6524	2	250/9.8	-	530/20.9	260/10.2	1040/40.9
AAAB6542	3		640/25.2	1680/66.1		

### Step 2. Additional Components

- Different shapes of hoods are available for effective fume extraction. Dome hood is suitable for extracting heated fumes or fumes lighter than air. Square hood is specially designed to face on the working surface, extracting fumes heavier than air.
- One of the various brackets is essentially required for installing the extraction arm hood in your laboratory.



Cat. No.	Description	Suitable for	
AAAB6508	Ceiling bracket (WxDxH 260x260x2 mm / 10.2x10.2x0.1 inch)	All models	
AAAB6512	Ceiling column (100x100x250 mm / 3.9x3.9x9.8 inch)		
AAAB6513	Ceiling column (100x100x500 mm / 3.9x3.9x19.7 inch)		
AAAB6514	Ceiling column (100x100x750 mm / 3.9x3.9x29.5 inch)		
AAAB6515	Ceiling column (100x100x1000 mm / 3.9x3.9x39.4 inch)		
AAAB6516	Ceiling column (100x100x1250 mm / 3.9x3.9x49.2 inch)		
AAAB6517	Ceiling column (100x100x1500 mm / 3.9x3.9x59.1 inch)		
AAAB6510	Wall bracket (158x259x81.7 mm / 6.2x10.2x3.2 inch)		
AAAB6221	Dome hood (polypropylene, white, ØxH 400x140 mm / 15.7x5.5 inch)		AH-75
AAAB6211	Dome hood (styrene butadiene copolymer, transparent, ØxH 400x140 mm / 15.7x5.5 inch)		
AAAB6241	Square hood (polypropylene, white, WxDxH 494x390x245 mm / 19.4x15.4x9.6 inch)		
AAAB6231	Square hood (styrene butadiene copolymer, transparent, WxDxH 494x390x245 mm / 19.4x15.4x9.6 inch)		