

BROAD  
COMBATS  
SMOG



BROAD CLEAN AIR 400-677-6666



# AIRPRO FRESH

BROAD Clean Air Product AirPro Collection

Filter PM2.5 by 99%

Provide Fresh Air Inside &  
Keep Smog Outside

Enable indoor air 100 times  
cleaner than outdoors

Model : FE5



Standard: GB/T18801-2015



BROAD CLEAN AIR TECHNOLOGY  
远大洁净空气科技有限公司

Sales: 400-677-6666 [www.broadair.net](http://www.broadair.net)

Service: 400-883-9333 BROAD Town, Changsha, China



Fresh Air Volume **180m<sup>3</sup>/hr**

Area Coverage

**25~50m<sup>2</sup> per room**  
in mild climate area

Filter PM2.5 by 99%

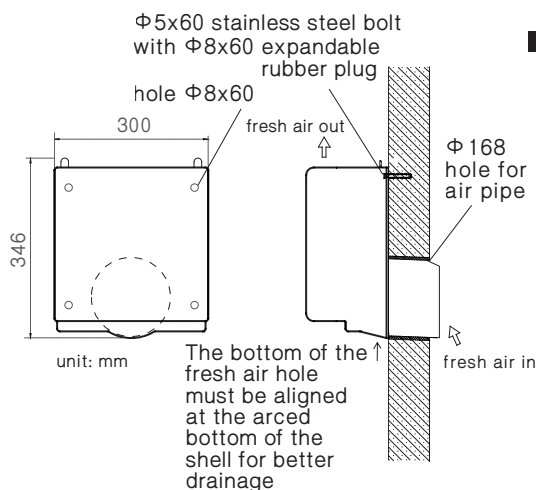
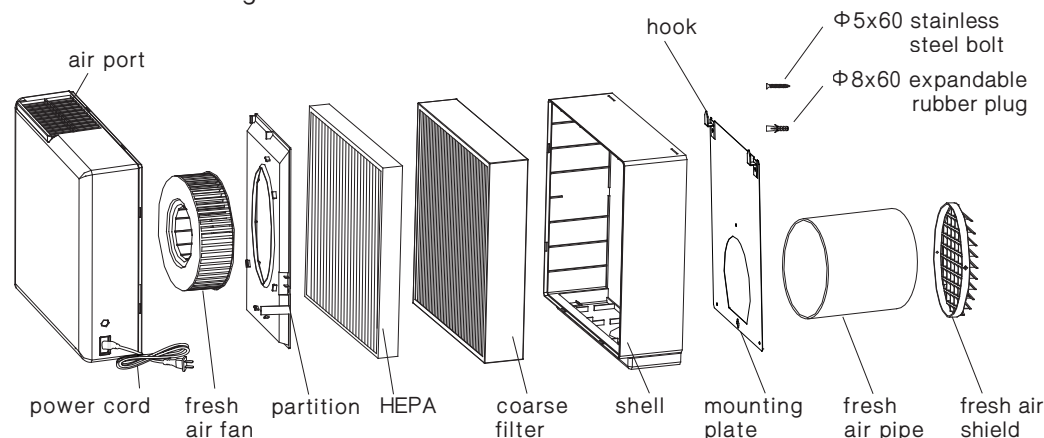
Fresh Air Ventilation

Coarse filter to be cleaned every **500hrs**

HEPA to be replaced every **3,000hrs**



## ■ Structural Diagram



## ■ Installation Process

1. Confirm the installation location
2. Drill the fresh air hole. The external opening should be 5~10mm lower than the internal opening to prevent rain penetration
3. Install the fresh air pipe and the water shield
4. Fill the gap between the air pipe and the wall hole with polyurethane, and keep it sealed
5. Drill 5 holes for the retaining bolts as per the mounting plate and the fresh air pipe
6. Knock the rubber plugs into the retaining bolt holes and screw down the bolts
7. Hang the machine on the mounting plate

## ■ Troubleshooting

No.	Problem	Cause	Solution
1	Insufficient air	Filter is blocked	Clean the coarse filter, or replace the HEPA
2	The exit grille is stained	Spinning of air (the fan will get stained if anything is wrong with the filter)	Clean it with towel (avoid water from entering the fan)
3	Button failure	Button gets stuck or wire is broken	Repair or replace it
4	Fan does not work	Plug is loose	Re-plug it
		Fan or circuit is burned	Repair or replace it

## ■ Parameter Table

Item	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Airflow m³/h	60	80	110	140	160	180
Power W	5	6	8	12	15	18
Noise dB(A)	26	30	36	40	42	46
Battery	AC 220V					
Filter Efficiency	Filter PM2.5 by 99%					

## ■ Airflow Adjustment

Manual switch:

- Level 1 & 2 (blue light)
- Level 3 & 4 (green light)
- Level 5 & 6 (yellow light) bigger airflow and noise

## ■ Consumable Part :

HEPA: (3 pcs/box, for 1 - year )

## ■ Warranty

- 1-year warranty from the day of purchase. For problems caused by design, manufacturing or factory transportation, free repair or replacement shall be provided
- Attention: please keep the serial number pasted on the unit as warranty proof

## ■ Filter Replacement (power off first)

- When the airflow is < 70% of that of a new filter, clean or replace the old one
- Coarse filter cleaning: hold the machine upwards 4mm to remove it from the wall, take out the stainless steel coarse filter from the back of the machine to clean, dry and re-install. The coarse filter should be cleaned every accumulative 500 hrs, or every half a month in heavily polluted areas
- HEPA replacement: remove the machine from the wall, take out the stainless steel coarse filter first, and then the HEPA for replacement. HEPA should be replaced every accumulative 3,000 hrs. Arrow point should be inward when re-installing the HEPA

## ■ Maintenance

- Designed lifespan: 20 years (replace the bearing when needed)
- User can maintain it by himself or sign service contract with BROAD, which includes:
  - ① Coarse filter cleaning every month
  - ② HEPA replacement every 4 months
  - ③ Check the filter efficiency and ventilation effect (show user the PM 2.5 and CO<sub>2</sub> data on site)
  - ④ Troubleshooting and accessories replacement
- Annual maintenance price: USD100/unit, USD134 for transportation expense in one city (E.g.: USD234/unit, USD634 for 5 units)
- Notice: service contract has 2 years or 5 years type. Service cost of next year be paid before every current Dec. 31st, while travelling expense is additional

## Quality Certificate/ Warranty Card

Name: AirPro Fresh

Mode: FE5

Serial Number:

Inspector:

Date of Purchase:

Shop:

Seller:

