



68 years  
experience  
in filtration

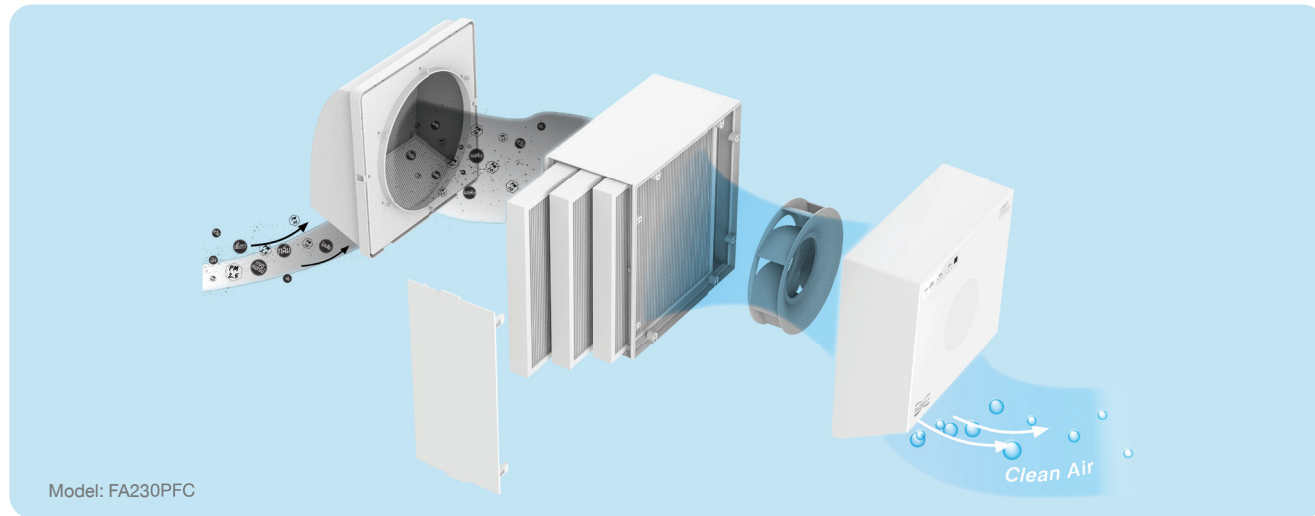
## AIR FILTRATION SOLUTION CLEAN AIR PLUS: FAN FILTER UNIT CATALOG

WE PROVIDE SUPERIOR FILTERS WORLDWIDE



Better Air Better Life  
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# Clean Air Plus Fan Filter Unit



3 Stages Filters



Positive Pressure



Energy Saver



PM2.5



Remote Control



Modern Design



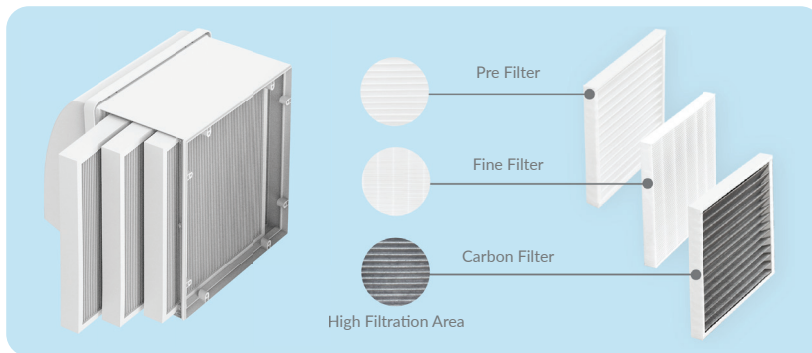
3 Fan Speeds



Timer



Easy Installation



# IoT Smart Controller

For residential, commercial and industrial applications, and can effectively improve air quality so as to create a healthy, comfortable, energy-efficient living and working environment.

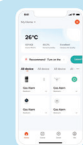
Features:	Model: IoT-001	Model: IoT-002
APP Control	✓	✗
PM2.5	✓	✗
CO2	✓	✗
VOC Gas	✓	✗
Date and time	✓	✓
Weather forecasts	✓	✓
Fan Speed	✓	✓
Timing	✓	✓
Filters Alarm	✓	✗
Temperature Humidity	✓	✓



Specification IoT smart controller sensor model: IoT-001

Descriptions	Parameter value
Power supply	VAC 95~240
CO2 adjustment range	PPM 0~3000
CO2 Display range	PPM 0~5000
PM2.5 adjustment range	µg/m 0-999
PM2.5 Display range	µg/m 0-999
VOC Adjustment level	mg/m3 0-1-2-3
Sensor warm-up time	min 2
Response time	s ≤ 10
Temperature display range	°C 0~99
Humidity display range	%RH 5~90
Control power	W ≤ 200
Rated power	W < 2
Output interface	3-speed fan AC Output
Dimensions	mm 120 X 120 X 38 mm.
Wirings	mm2 2 X 1.5 or 2.5
Install hole spacing	mm/In 60 ± 5MM/2.36 ± 0.20 inch.
Protection Class	IP 30
Flame retardant rating	Level V0

## The Mobile APP supports



The Mobile APP supports Clean Air Plus Fan Filter Unit. (TuyaSmart App)

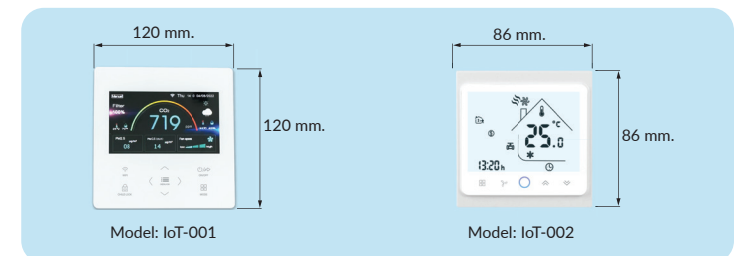
- The mobile APP supports switches: device on and off, working mode switching, filters element reset, child lock switch, wind speed adjustment, bypass valve switch.
- Mobile APP monitoring



Specification IoT smart controller model: IoT-002


Descriptions	Parameter value
Power supply	VAC 24 VAC & AC95-250V, 95~240
Rated current	A 5A (Fan), 3A (Valves )
Ambient temperature	°C 0~50
Sensor	- NTC
Accuracy	degC Plusmn 0.5-Plusmn 1
Installation	mm 86 mm., 60 mm.(Install in wall IoT Smart controller)
Protection Class	IP 30
Dimensions	mm. 86 X 86 X 30.2 mm.

## DIMENSIONS



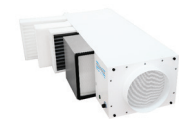
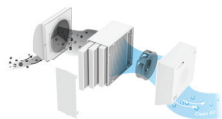
\*IoT Smart Controller can be use with Clean Air Plus Fan Filter unit FA1300PFC, FE800PFC.

## SPECIFICATION



Model	FA230PFC	FA400C	FA800PFC	FE800PFCH
Model Picture				
(Suggestion) Suitable for	Residence or Office	Office or Industry	Office or Industry	Clinic, Medical institution, Office or Industry
Installation	Wall or Glass	Install on the floor or hang on the wall and connect the air duct	Install on the floor or hang on the wall , under the ceiling and connect the air duct	Install on the floor or hang on the wall, connect the air duct into the glass or the wall and under the ceiling
Color	White	Grey	Grey	White
Size (Width X Length X Depth)	300 X 300 X 390 mm.	400 X 300 X 690 mm.	480 X 330 X 690 mm.	300 X 400 X 1,100 mm.
Net weight	6 Kg.	20 Kg.	20 Kg.	35 Kg.
Layers of filter	3 Pcs.	1 Pc.	3 Pcs.	4 Pcs.
Recommended maximum area size (Calculated at a height of 2.4 meters)	Area 19 SQM = 5 Air change/hr	Area 33 SQM = 5 Air change/hr	Area 67 SQM = 5 Air change/hr	Area 67 SQM = 5 Air change/hr
	Area 24 SQM = 4 Air change/hr	Area 42 SQM = 4 Air change/hr	Area 83 SQM = 4 Air change/hr	Area 83 SQM = 4 Air change/hr
	Area 30 SQM = 3 Air change/hr	Area 56 SQM = 3 Air change/hr	Area 111 SQM = 3 Air change/hr	Area 111 SQM = 3 Air change/hr
	Area 48 SQM = 2 Air change/hr	Area 83 SQM = 2 Air change/hr	Area 167 SQM = 2 Air change/hr	Area 167 SQM = 2 Air change/hr
	Area 96 SQM = 1 Air change/hr	Area 167 SQM = 1 Air change/hr	Area 333 SQM = 1 Air change/hr	Area 333 SQM = 1 Air change/hr
Filter standard	ISO 16890:2016		ISO 16890:2016	
Pre Filter*	Pre-Filter (Class: G4) Size: 290 X 290 X 32 mm.		Pre-Filter (Class: G4) Size: 330 X 450 X 100 mm.	Pre-Filter Size: 297 X 396 X 97 mm.
Fine Filter*	Fine-Filter (Class: F9) Size: 290 X 290 X 32 mm.		Fine-Filter (Class: F9) Size: 330 X 450 X 100 mm.	Fine-Filter Size: 297 X 396 X 97 mm.
Hepa Filter*				HEPA-Filter Size: 295 X 395 X 285 mm.
Carbon Filter*	Carbon-Filter Size: 290 X 290 X 32 mm.	Carbon-Filter Size: 237 X 270 X 134 mm.	Carbon-Filter Size: 330 X 450 X 100 mm.	Carbon-Filter Size: 297 X 396 X 97 mm.
Fan Speeds	3 Speeds	1 Speed	1 Speed	4 Speeds or more
Air Volume**	135 Cubic/min(230 m3/h)	235 Cubic/min (400 m3 /h)	470 Cubic/min (800 m3 /h)	470 Cubic/min (800 m3 /h)
Power	79 Watt	200 Watt	200 Watt	168 Watt
Voltage	220 Volt 1 Phase	220 Volt 1 Phase	220 Volt 1 Phase	220 Volt 1 Phase
Pressure Drop	130 Pa	450 Pa	170 Pa	350 Pa
Timer	2, 4, 6 Hours	-	-	-
Sound level	66 dB(A)	80 dB(A)	80 dB(A)	78 dB(A)
Body material	Plastic	Galvanized steel	Galvanized steel	Galvanized steel
Wire Length	3 m.	1 m.	3 m.	3 m.
Remote	✓	-	-	-

\* Remark: Resolution and number of filters can be adjusted. depending on the installation location

\*\* Initial pressure depends on filter and air volume.



## SPECIFICATION

Model	FA1300PFC	FE1500PFH
Model Picture		
(Suggestion) Suitable for	Residence, Medical institution, Office or Industry	Medical institution or Industry
Installation	Install on the floor or hang on the wall and connect the air duct	Install on the floor and connected to the ventilation pipe
Color	White	White
Size (Width X Length X Depth)	563 X 537 X 813 mm.	1,420 X 1,480 X 2,503 mm.
Net weight	25 Kg.	750 Kg.
Layers of filter	3 Pcs.	3 Pcs.
Recommended maximum area size (Calculated at a height of 2.4 meters)	Area 108 SQM = 5 Air change/hr	Area 1,250 SQM = 5 Air change/hr
	Area 135 SQM = 4 Air change/hr	Area 1,563 SQM = 4 Air change/hr
	Area 181SQM = 3 Air change/hr	Area 2,083 SQM = 3 Air change/hr
	Area 271 SQM = 2 Air change/hr	Area 3,125 SQM = 2 Air change/hr
	Area 542 SQM = 1 Air change/hr	Area 6,250 SQM = 1 Air change/hr
Filter standard	ISO 16890:2016	ISO 16890:2016 IIA: EN 1822:2009
Pre Filter*	Pre-Filter (Class: G4) Size: 538 X 538 X 96 mm.	Carbon-Filter 4 Pcs. Size: 592 X 592 X 97 mm.
Fine Filter*	Fine-Filter (Class: F9) Size: 538 X 538 X 96 mm.	Fine-Filter (Class: F9) 4 Pcs. Size: 592 X 592 X 300 mm.
Hepa Filter*		HEPA-Filter (Class: H13) 4 Pcs. Size: 600 X 600 X 300 mm
Carbon Filter*	Carbon-Filter Size: 538 X 538 X 96 mm.	-
Fan Speeds	3 Speeds	4 speeds
Air Volume**	765 Cubic/min (1,300 m3/h)	8,829 Cubic/min (15,000 m3/h)
Power	270 Watt	5,700 Watt
Voltage	230 Volt 1 Phase	400 Volt 3 Phase
Pressure Drop	200 Pa	500 Pa
Timer	-	-
Sound level	72 dB(A)	92.8 dB(A)
Body material	Galvanized steel	Aluminium
Wire Length	3 m.	3 m.
Remote	✓	-



## The most comfortable breathing respirator mask.

The first ever pleated filter mask - protection for every breath you take.



**PATENT APPROVED**



As part of our continuous product improvement, FLOMAX reserves the right to change design and specifications without notice.

## Air purifying respirator mask

**KN95 & FFP2 Certified & Designed to be compliant with multiple international standards.**

(N95, P2 AS:NZ, European FFP2 & UKCA/UKNI are pending).

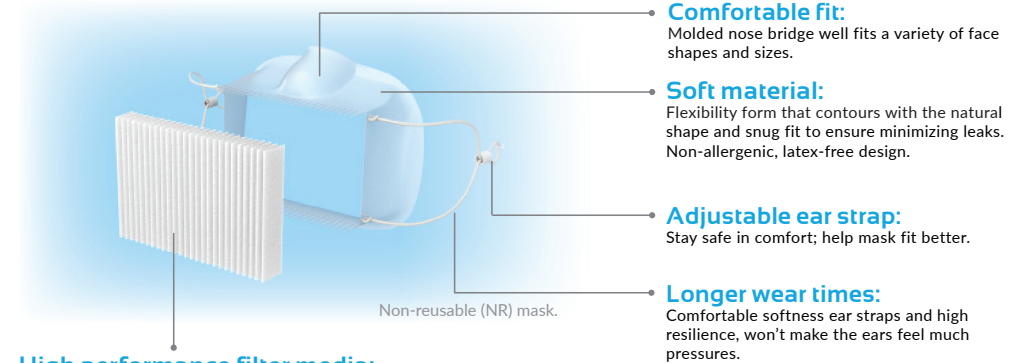
FLOMAX is the *first ever pleated* filter respirator mask. Our exclusive design has a form and flexibility that contours with the natural shape of the wearer's face.

FLOMAX masks provide reliable respiratory protection at least 95% filtration efficiency against certain non-oil based particles includes PM2.5 (fine particles), allergens, exhaust, smoke, ozone, volatile organic compounds (VOC), odors, bacteria, and viruses with very comfortable breathability.

Filtration Efficiency at 0.3 microns

**>95%**

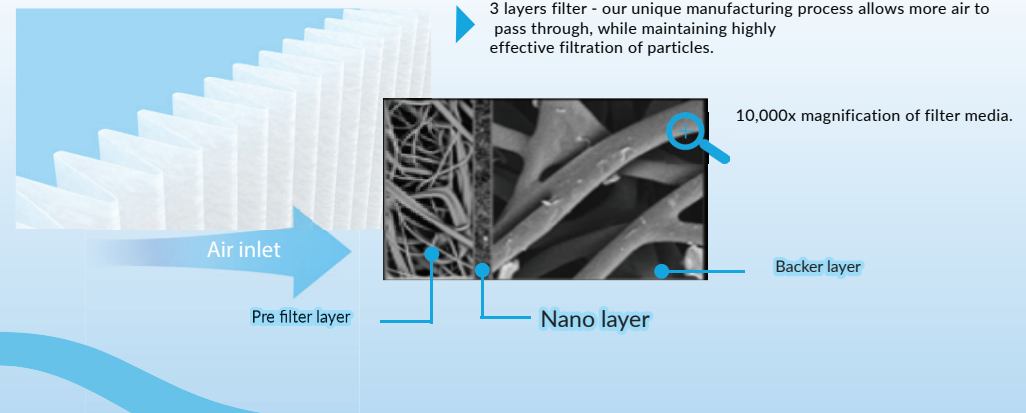
\*Test result from Nelson Lab, U.S.A



### High performance filter media:

Larger filtration area with low resistance - breathe easier and more comfortable.

Inhalation Resistance*	Exhalation Resistance*
2.7 mm H <sub>2</sub> O	2.0 mm H <sub>2</sub> O



# Who can use Flomax air purifying respirator mask?



Health Care



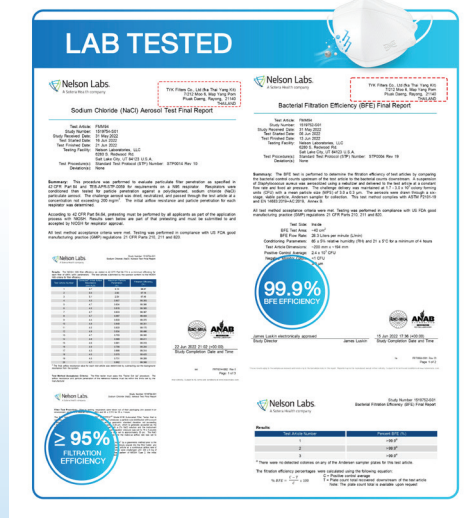
Industrial and Workplace

Everyday use

We at Flomax are proud of the active role we play in the fight against the global coronavirus pandemic. A portion of sales is contributed to our efforts to provide top quality PPE to healthcare and front line workers in Thailand.

Available in Size: Kid, S, M & L

## 3D & Flat fold particulate respirator



- Excellent Breathability
- High Filtration Efficiency
- Soft Ear Strap
- Soft Materials With a Snug Fit



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Factory Certification & Medical grade manufacturing  
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As part of our continuous product improvement, Flomax reserves the right to change design and specifications without notice.

# You Can Rely on us for Quality Filtration Solutions

More than 68 years of experience in filtration.

Some of the many industries we support:

- Automotive
- Electricity and Energy
- Health Service
- Commercial and Residential Buildings
- Industrial
- Painting booth
- Clean rooms

Custom dimensions and specifications are available on request.

You can rest assured that you will receive top quality service and filtration solutions. We have been proudly providing our valued clients with top-grade filtration solutions since 1955. Our expertise in filtration extends across the entire manufacturing spectrum, from prototyping to small and mass scale production.



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