

ECA TECHNOLOGY AIR PURIFIERS

E·puro EP400 - Air purifier

Air purifier with an accurate detection system that continuously communicates the indoor air quality pollution index via a built-in LED bar – blue if the air in the room is optimum, green if the air in the room is good, red if the air in the room is bad.

The device aspirates the air, **captures and filters out pollutants** such as fine dust (PM10 and PM2.5 from the outside pollution), formaldehyde, pollen, allergens, airborne organic compounds, cleaning product gases, odours and fumes using **4 levels of filtration**:

1. Cotton Pre-Filter
2. HEPA H13 Filter
3. Active Carbon Filter
4. TiO2 Photo-catalytic Filter

It then **neutralises ultra-fine particles** as well as Viruses, Moulds and Bacteria using a germicidal sterilising **UVC Lamp**.

Lastly, it **diffuses health-beneficial sterilised air** using an integrated **Plasma Generator**. This is activated when the UVC lamp is in operation and releases positive and negative ions into the air. By increasing the size of the polluting particles, these ions enable the purifier's filters to trap them and eliminate them more easily.



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ECA Technology air purification devices in the E-PURO range are designed and engineered to provide an advanced level of air filtration. Integrated with the latest UVC technology and Plasma Generator, they sterilise air from pollutants and, at the end of the process, diffuse negative ions that are beneficial to health.

Pre-Filter

traps large particles, insects and other pollutants (PM50).

HEPA H13 Filter

in fibreglass to remove up to 99.5% of particles as small as 0.3 microns (PM2.5 and PM10).

Active Carbon Filter

to remove odours, fumes, formaldehyde and volatile organic compounds (VOCs).

TiO₂ Photo-catalytic Filter

combined with the UVC lamp, neutralises the action of viruses, bacteria, moulds and spores in the environment.

UVC lamp (253.7 Nm)

which sterilises the air, eliminating bacteria, mould and spores in the environment.

Plasma Generator

Plasma generator that releases health-promoting ions of 5×10^6 pcs/cm.

Air quality indicator

PM2.5 level indicator in air of the room.

Signalling

Light and acoustic signal for HEPA filter and UVC lamp replacement.

Control panel

Touch screen control panel to control the main functions of the purifier.

Remote control

Remote control to control all functions of the purifier.

Child Lock

Child lock function to inhibit touch screen panel operation.

Quiet

The quiet function allows the enjoyment of the purifier's functions at night.

Shut-down timer

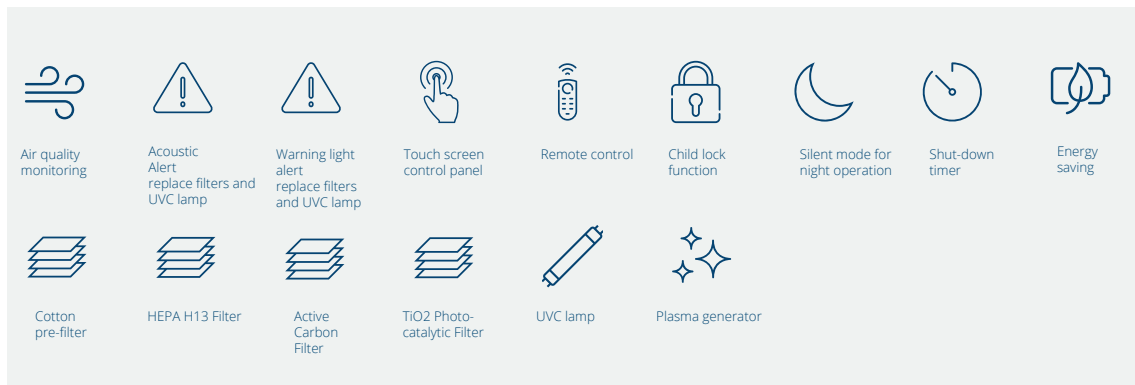
set automatic operation of the purifier, programming it according to your needs.

Wi-Fi

Wi-Fi module for interfacing with Tuya Smart application to manage all purifier functions.

TECHNICAL DATA

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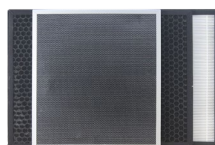
Ideal for areas up to **50 m²** in domestic, commercial environments such as offices, shops and schools.



E·puro EP400

MODEL		EP400GY
Power supply	V/Ph/Hz	230/1/50
Power consumption	W	46
Sound pressure (min-max)	dB(A)	25-50
Air flow volume	m ³ /h	320
Ventilation speed	No.	4
Dimensions (H x W x D)	mm	617x390x225
Net weight	kg	8.5
Operating temperature	°C	5~40
Filtration system	HEPA composite filter + cotton pre-filter, TiO2 photocatalytic filter, activated carbon filter, plasma generator and UVC lamp	
CODE	4900001	

E·puro EP400 Spare parts



Filter KIT



UVC lamp

OPTIONAL ACCESSORIES	CODE
HEPA filter kit + Pre-filter + Activated carbon	4900011
6W UVC lamp	5600032