

**REPAIR MANUAI** 

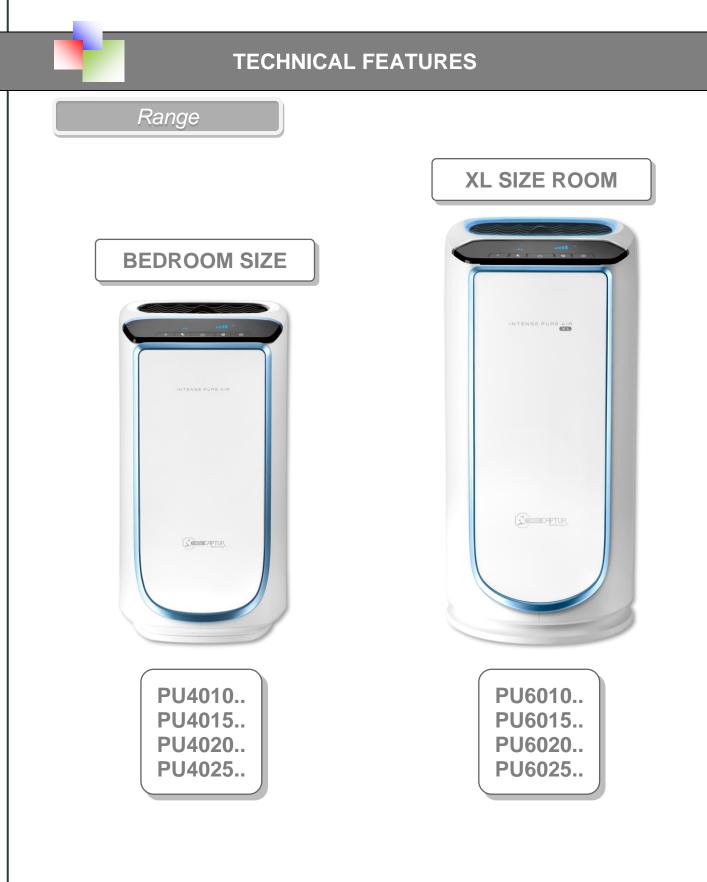
# PU40.... / PU60....

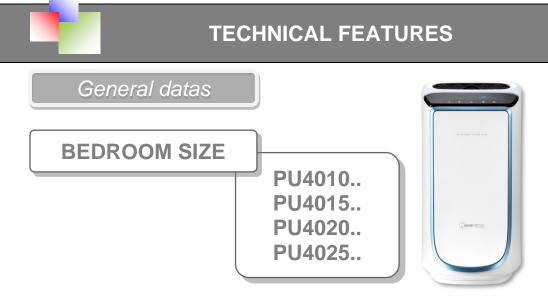
Intense pure air



**Edition September 2015** 

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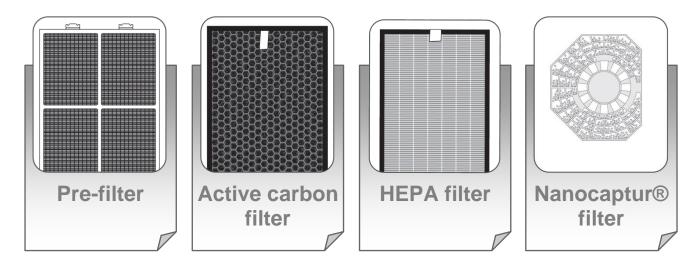




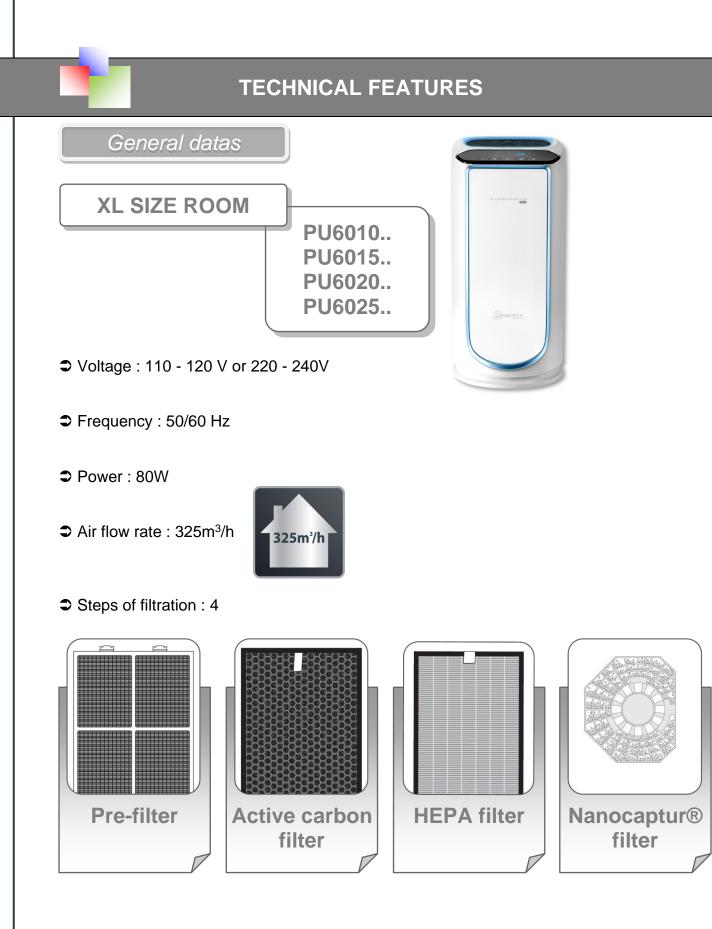
- Voltage : 110 120 V or 220 240V
- SFrequency : 50/60 Hz
- **>** Power : 30W
- ⇒ Air flow rate : 160m<sup>3</sup>/h



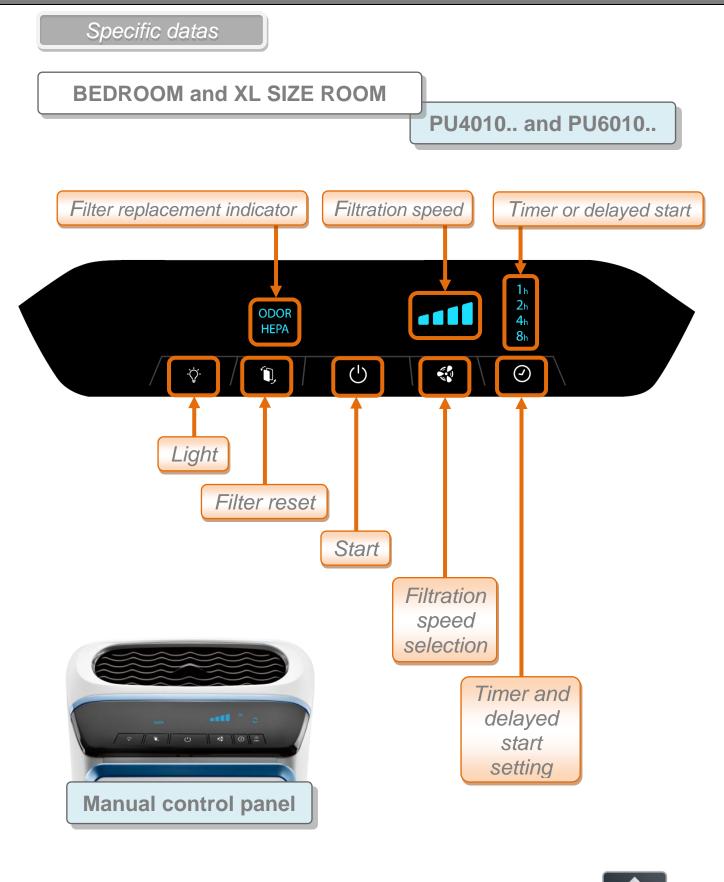
Steps of filtration : 4



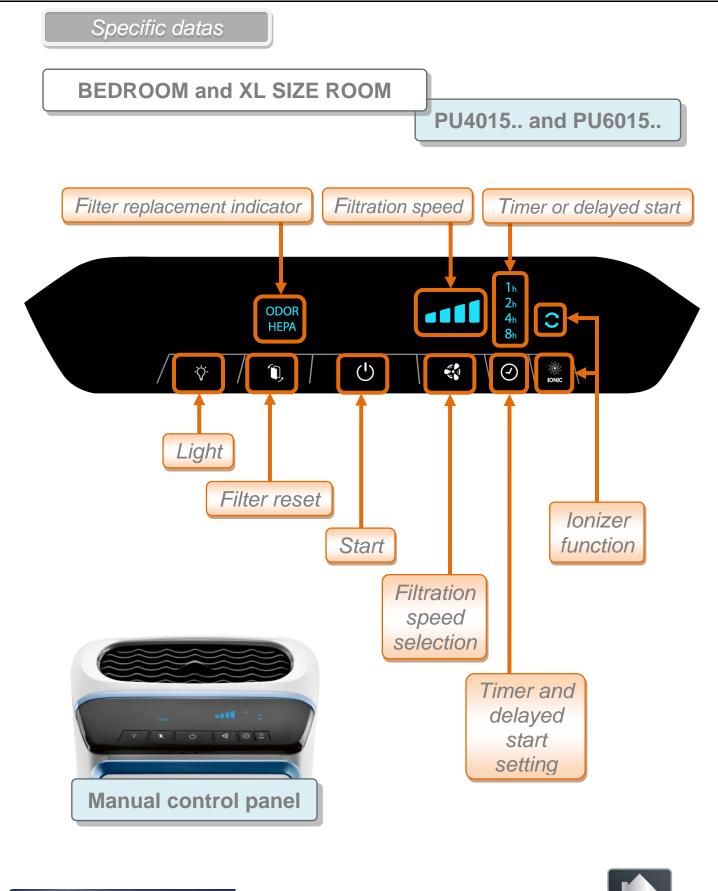




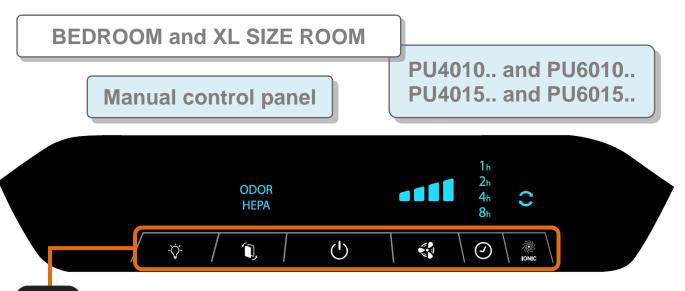








Specific datas





To change the light intensity of the appliance.



When a filter has been replaced, hold down the reset button for 2 seconds.



Briefly press this button to switch the air purifier ON or OFF.



#### To select one of the 4 filtration speeds.

- Speed 1 is specially adapted for nighttime operation for whisper-quiet air purification.
- Speed 2 is the optimum operating speed, combining performance and quietness.
- Speeds 3 and 4 purify the air faster, for times when pollution levels are high.



If the appliance is ON: use this button to define the operating duration. Briefly press the button to select the number of operating hours desired (1, 2, 4 or 8) and the appliance will automatically turn off at the end of the selected period.

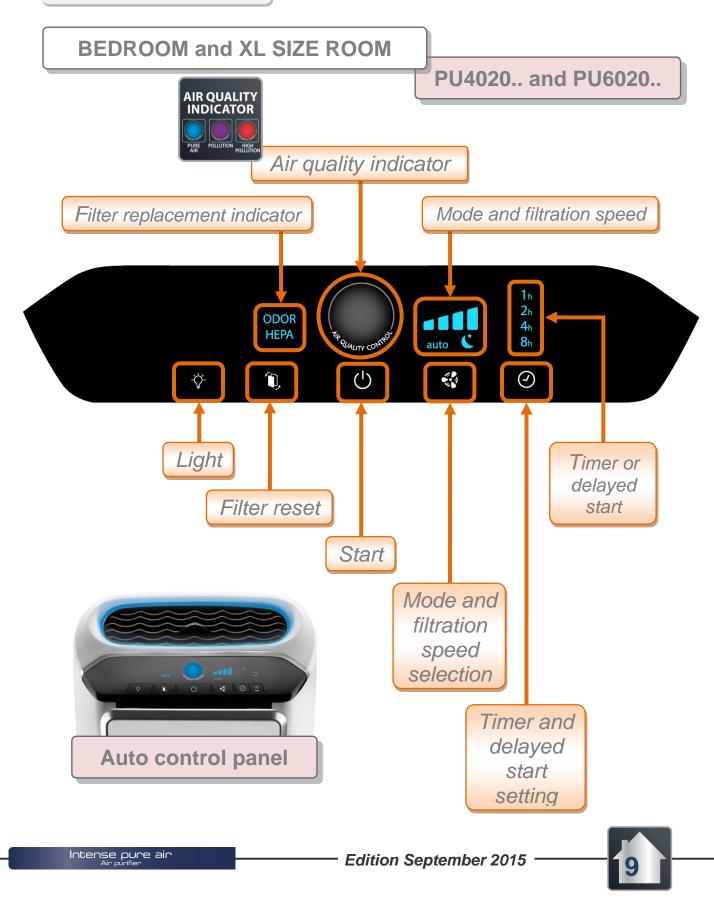
If the appliance is OFF: briefly press the button to set the appliance to turn on in a certain number of hours (1,2, 4 or 8).



The ionizer function releases negative ions into the air. This function is switched off by default. To activate it, press the button.

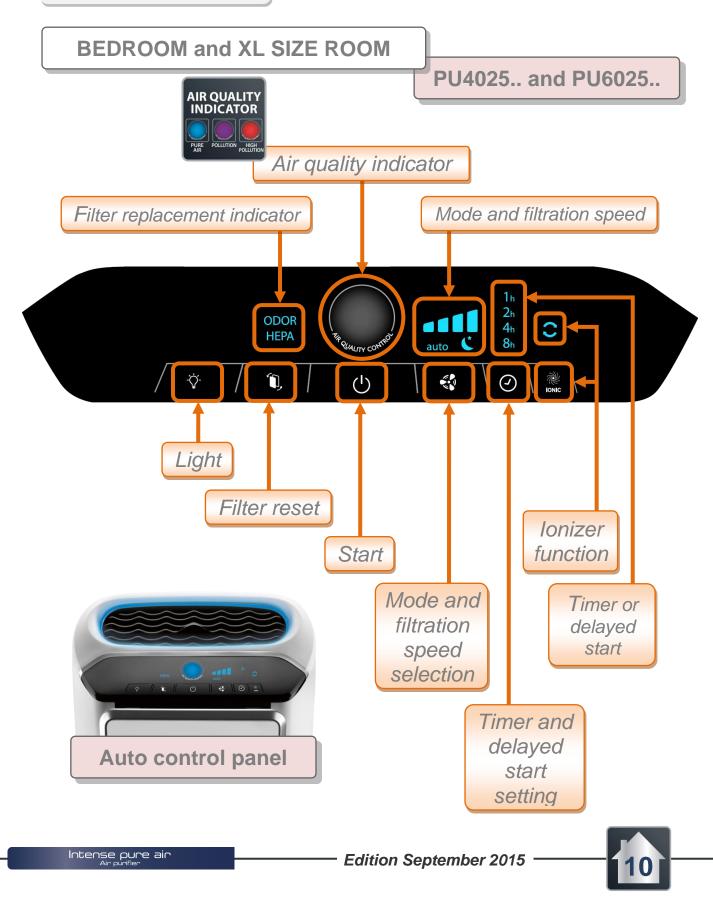


Specific datas





Specific datas



Specific datas





To change the light intensity of the appliance.



When a filter has been replaced, hold down the reset button for 2 seconds.

Briefly press this button to switch the air purifier ON or OFF.

Automatic : In this operating mode, the filtration speed automatically adjusts according to the air quality detected by the particles sensor and the gas sensor (according to model).

**Night :** The filtration speed of the appliance is adjusted for a whisper quiet air flow during the night. The light intensity of the appliance is also reduced. If pollution is detected, the filtration speed increases slightly to purify the air but remains quiet to avoid disturbing the sleep.

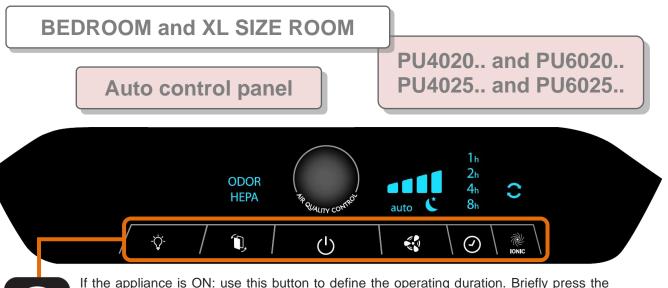
- Manual : To select one of the 4 filtration speeds.
- Speed 1 is specially adapted for nighttime operation for whisper-quiet air purification.
- Speed 2 is the optimum operating speed, combining performance and quietness.
- Speeds 3 and 4 purify the air faster, for times when pollution levels are high.

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Specific datas



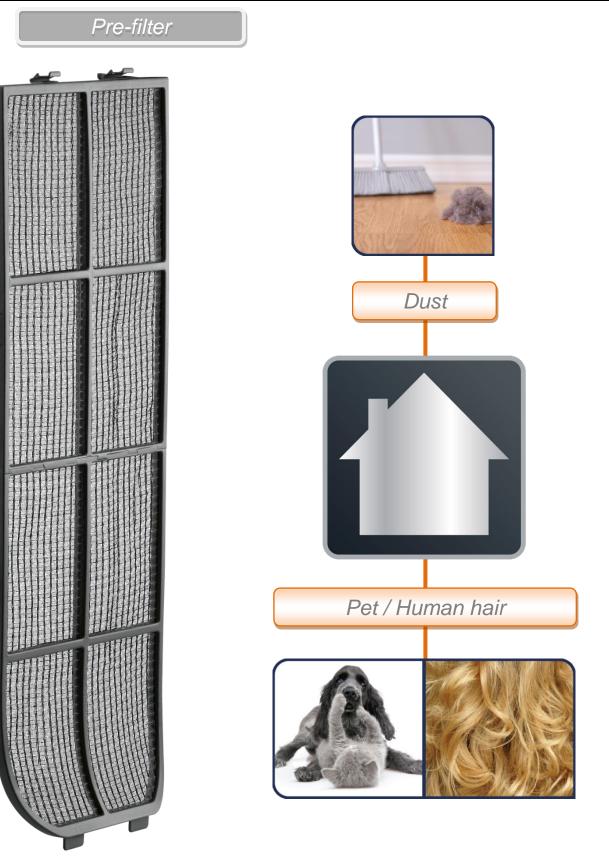
If the appliance is ON: use this button to define the operating duration. Briefly press the button to select the number of operating hours desired (1, 2, 4 or 8) and the appliance will automatically turn off at the end of the selected period.

If the appliance is OFF: briefly press the button to set the appliance to turn on in a certain number of hours (1,2, 4 or 8).

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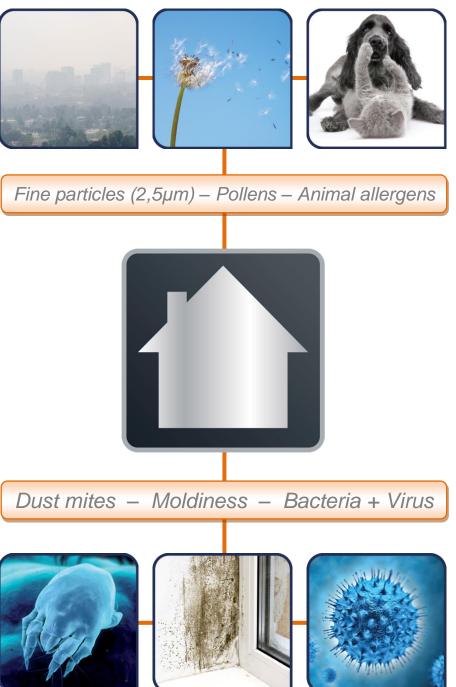




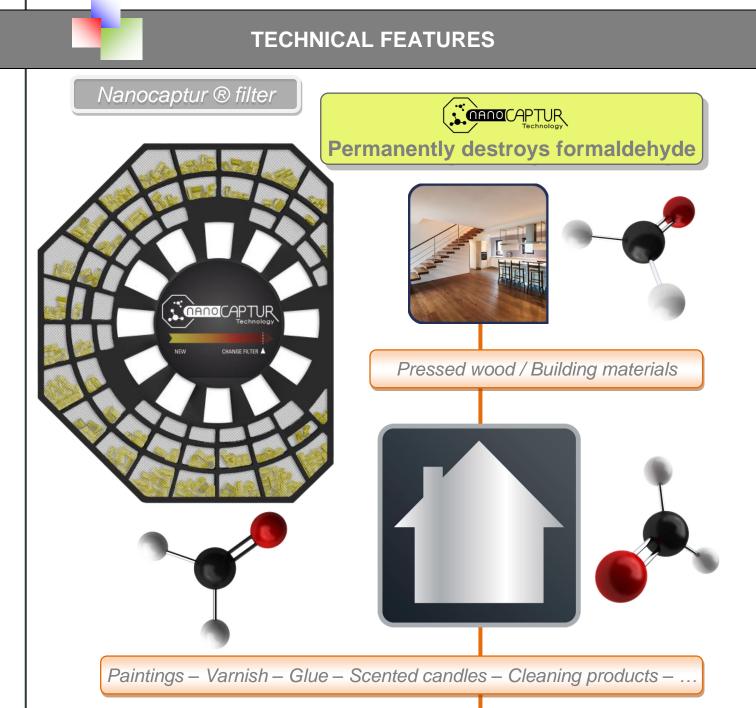


HEPA-filter





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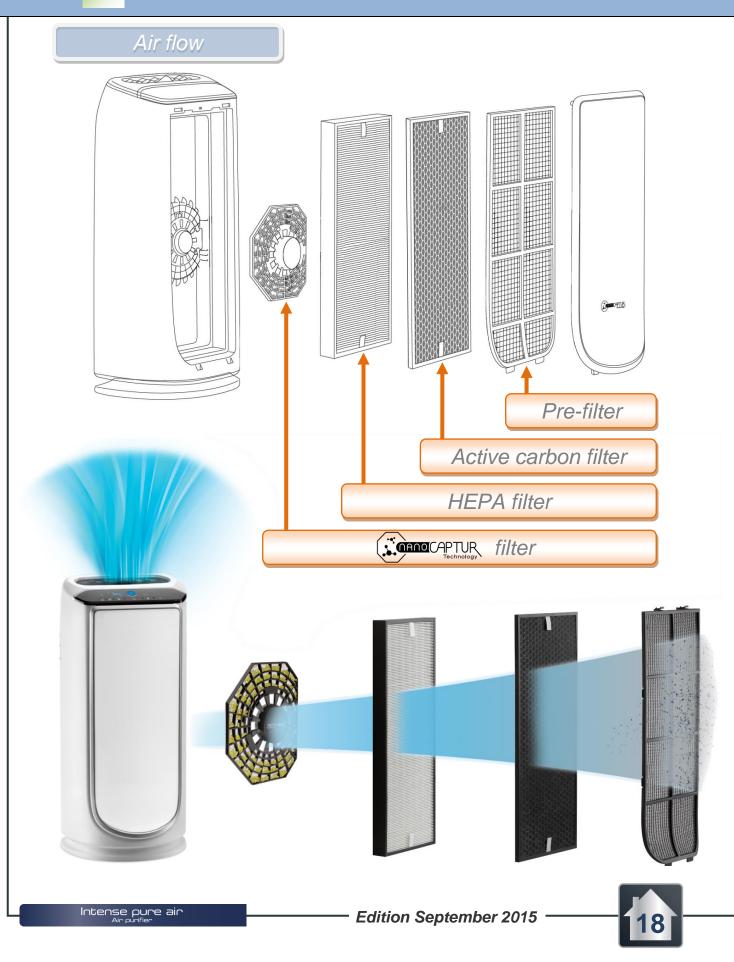




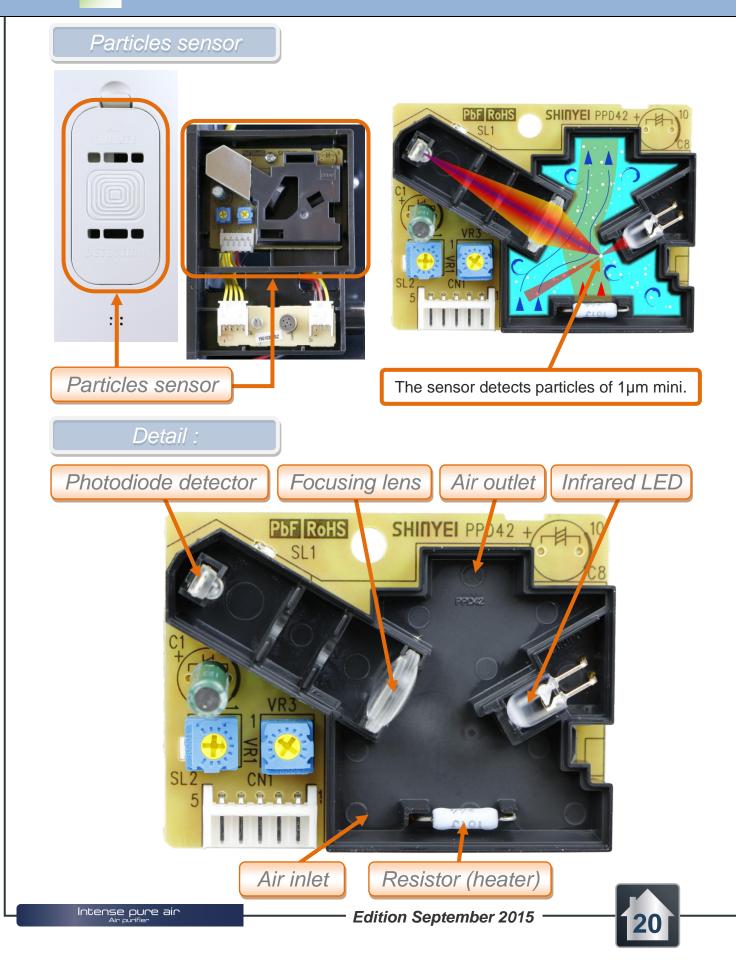
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Particles sensor Principle :



The heating resistor generates an updraft.

The infrared light beam from LED has been focused with focusing lens to sensing point at the center.



Airborne particles have been taken into the sensor box with the updraft.



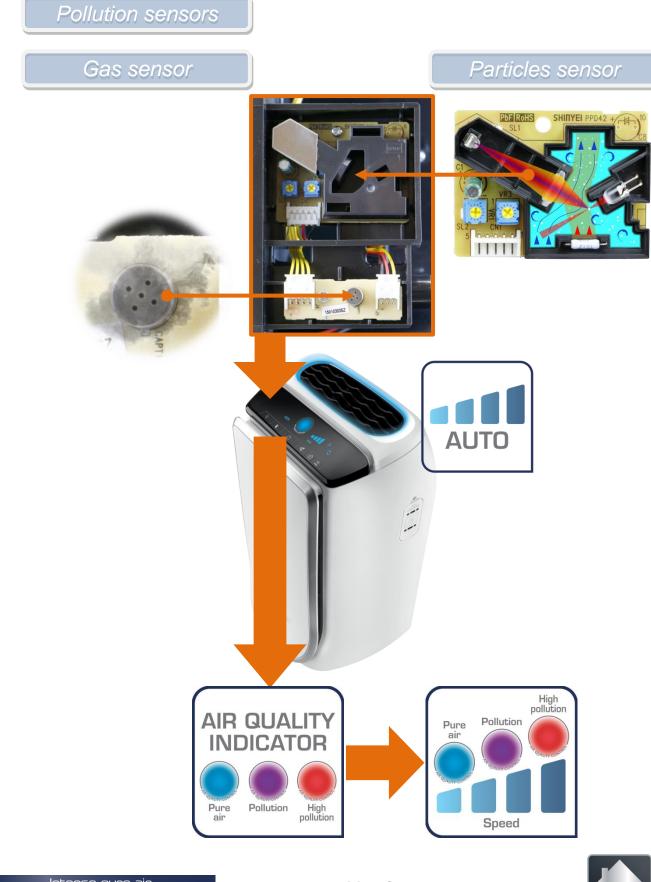
Particle passing through sensing point scatters light, and receptor receive scattered light through the lens and transformed into pulse signal.

The pulse per unit time is proportional to the particle concentration.

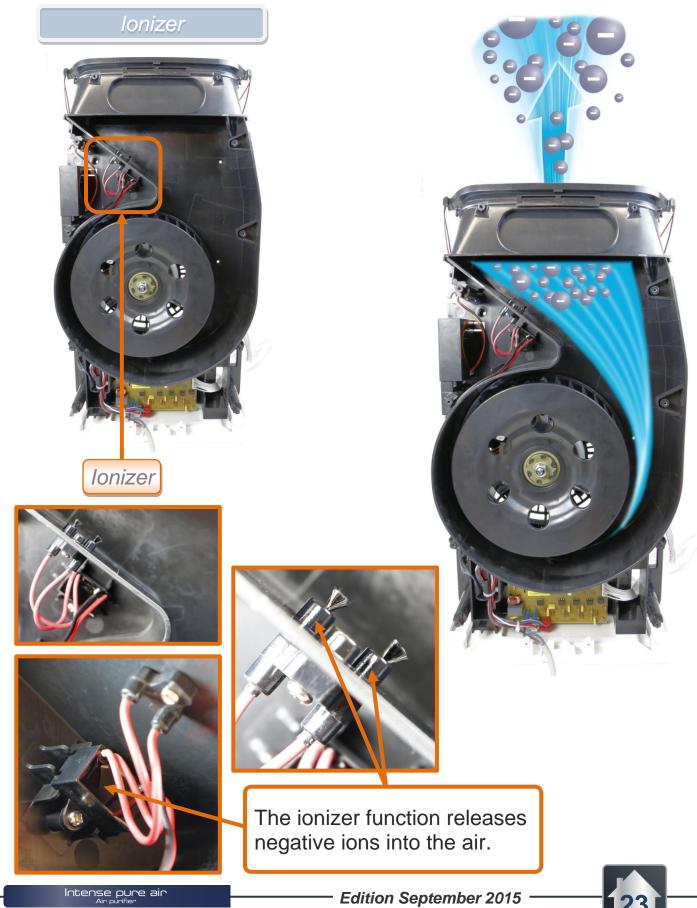
The pulse signals are converted into voltage output.

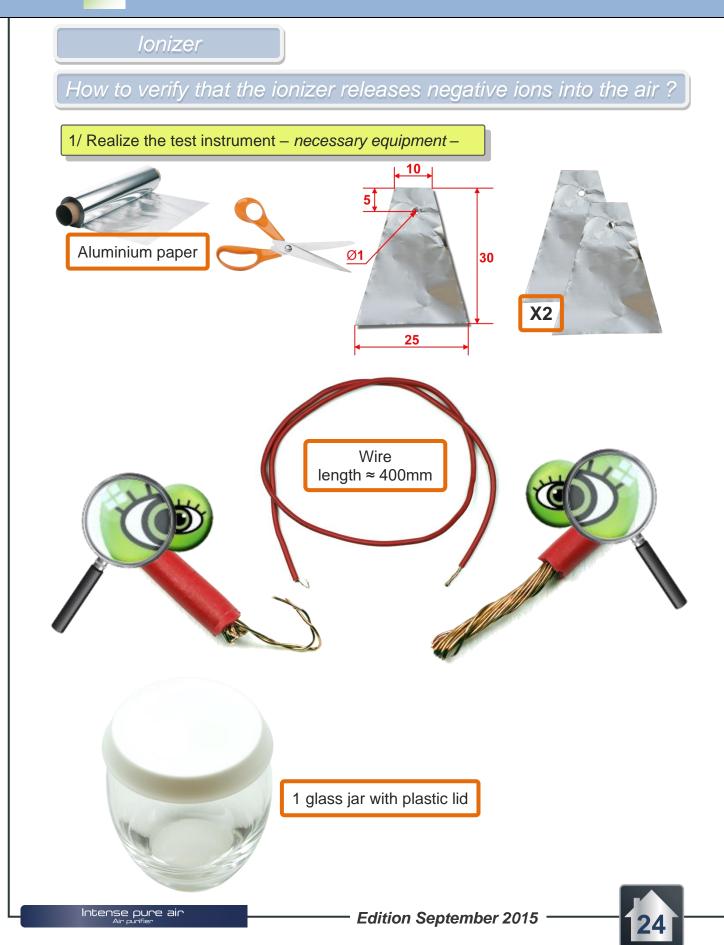


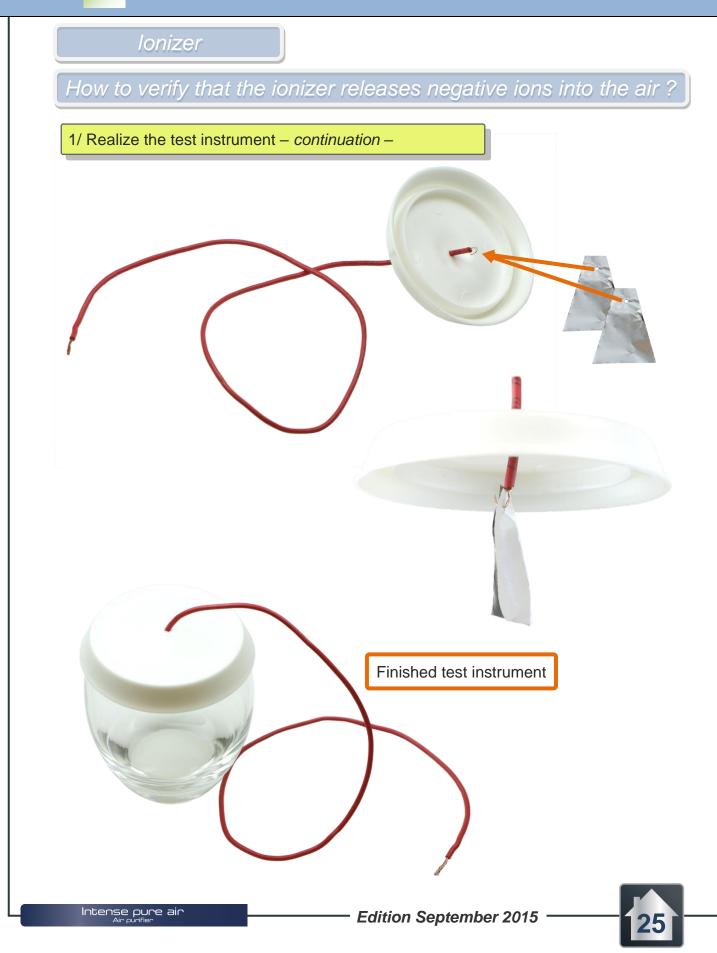
Voltage output

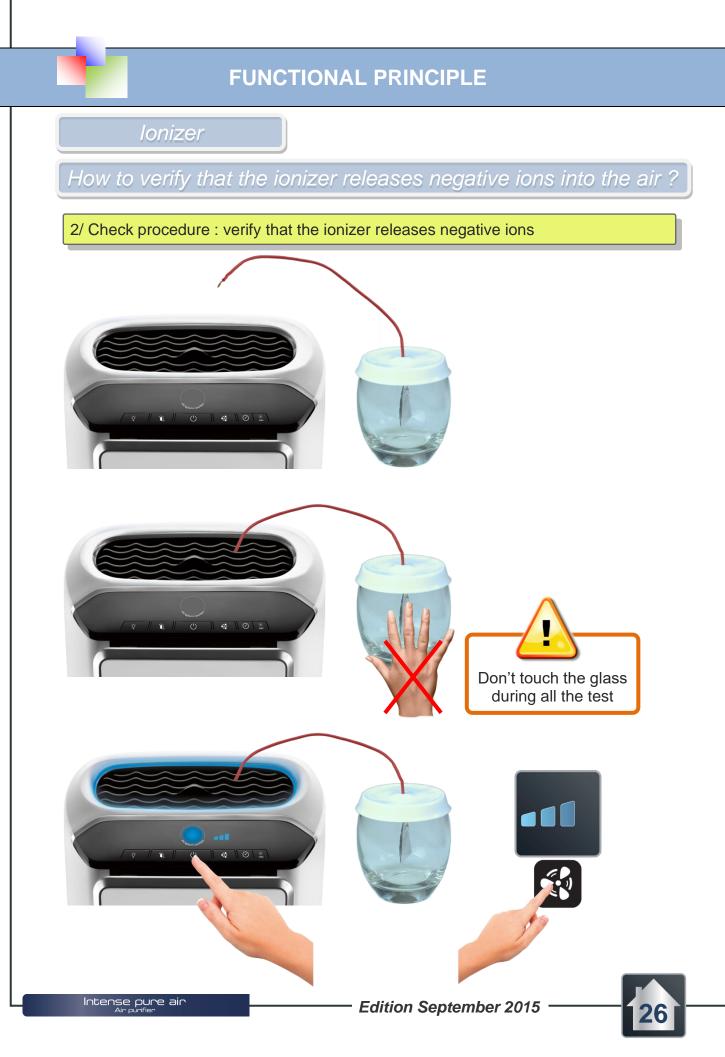


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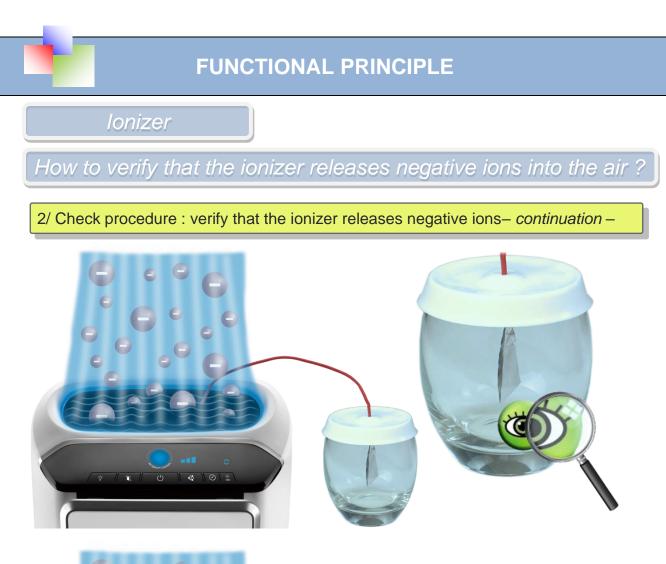










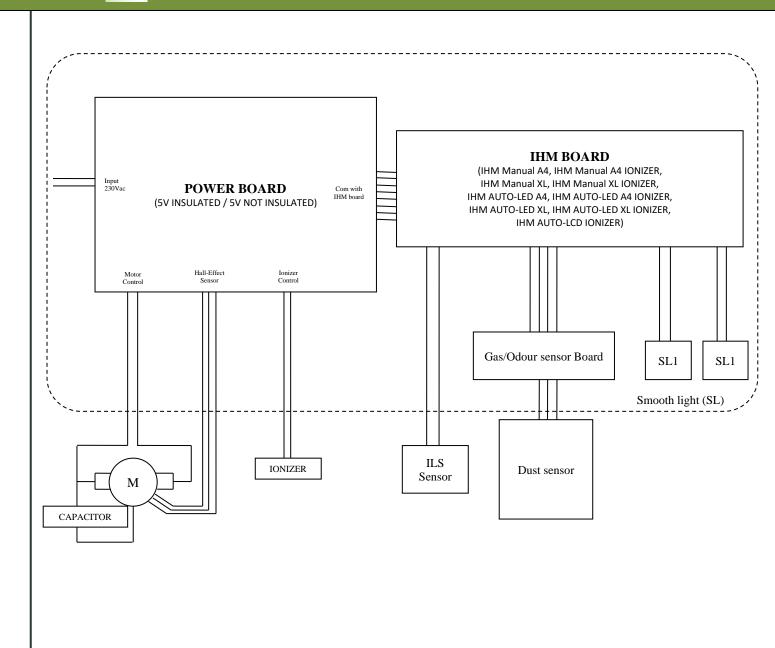




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# WIRING DIAGRAM







This data is based on an average use of 8 hours per day at speed 2.

The recommended frequency for cleaning and replacing the filters may vary depending on the duration of use and the operating environment.





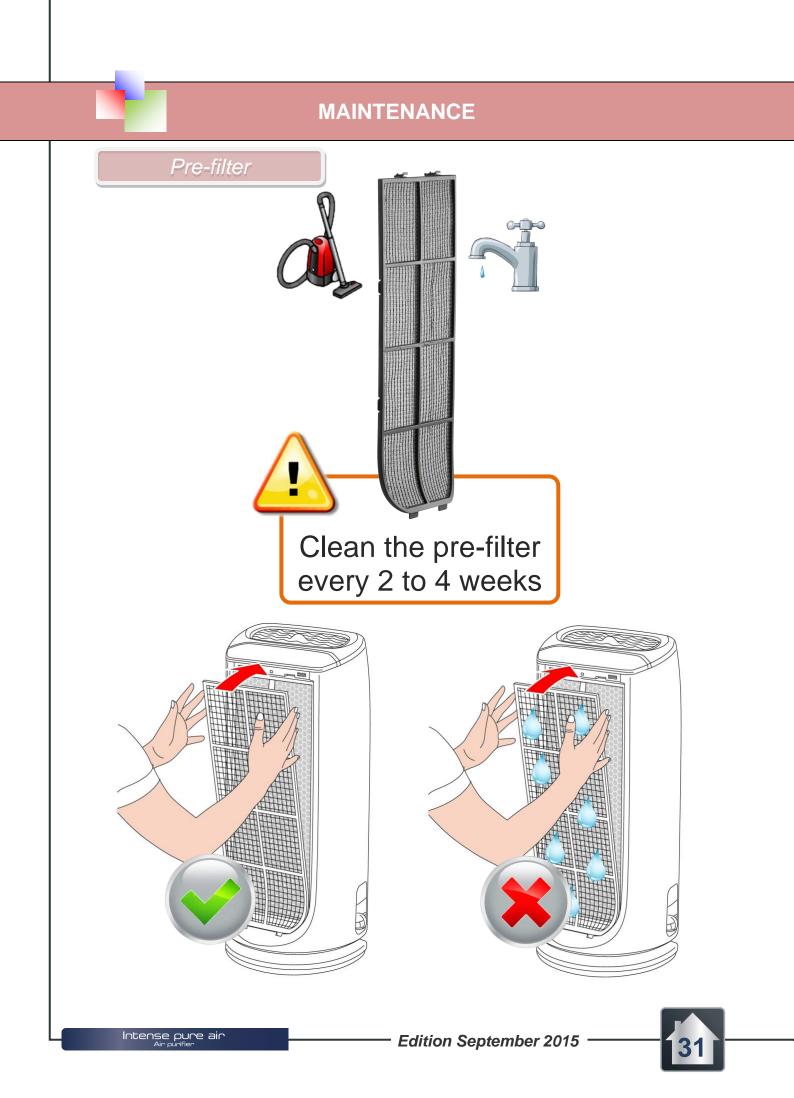
The pre-filter can be re-used: remove the dust using a vacuum cleaner or wash with water.

The appliance's efficiency can be reduced if the pre-filter is not cleaned regularly.

Never use a pre-filter that is still damp.

The pre-filter is the only filter which can be re-used and washed with water.



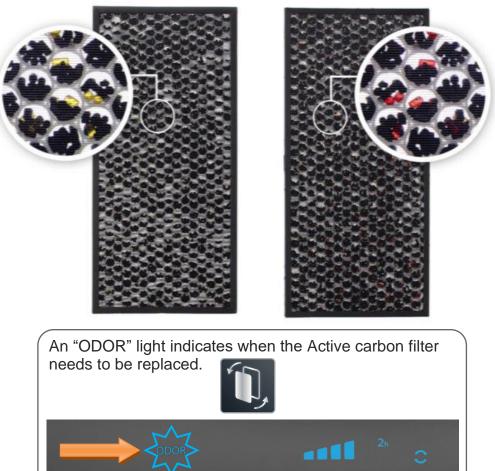




Active carbon filter

This data is based on an average use of 8 hours per day at speed 2.

The recommended frequency for cleaning and replacing the filters may vary depending on the duration of use and the operating environment.



Active carbon filter exist as an accessory. *Ref.* ⊃ *XD6060..* for Bedroom model *Ref.* ⊃ *XD6061..* for XL size room model

 $\bigcirc$ 

-

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2







HEPA filter

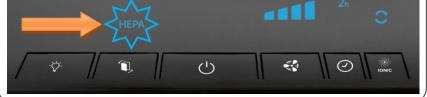
This data is based on an average use of 8 hours per day at speed 2.

The recommended frequency for cleaning and replacing the filters may vary depending on the duration of use and the operating environment.





A "HEPA" light indicates when the HEPA filter needs to be replaced.



HEPA filter exist as an accessory. Ref. ⊃ **XD6070..** for Bedroom model Ref. ⊃ **XD6071..** for XL size room model

2





#### HEPA filter

Active carbon filter

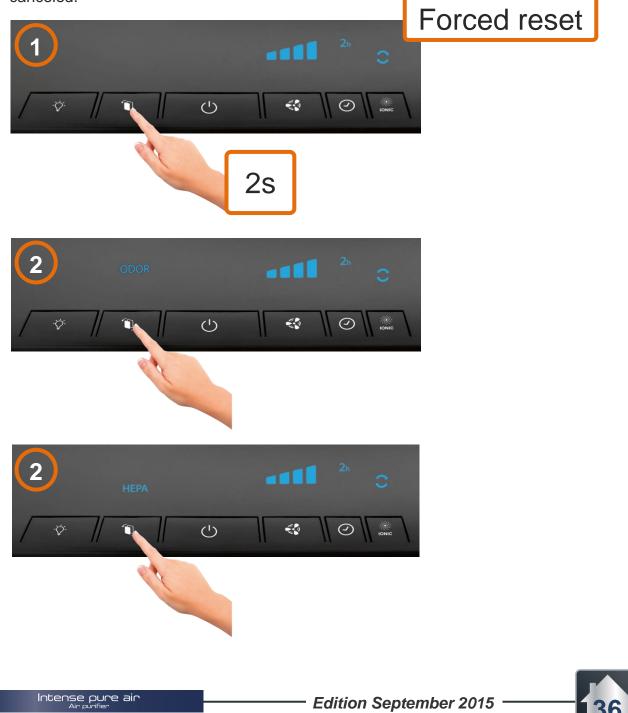
If you have replaced an Activ carbon filter or a HEPA filter before its end of life, force the reset of the filter replacement cycle :

1. Hold the reset button for 2 seconds.

2. Press the reset button briefly to select the filter you have changed.

3. After selecting the filter to reset, hold the reset button for 2 seconds. The electronic meter is then reset.

4. If no button is activated for 10 seconds in forced reset mode, the reset mode is canceled.









This data is based on an average use of 8 hours per day at speed 2.

The recommended frequency for cleaning and replacing the filters may vary depending on the duration of use and the operating environment.

The NanoCaptur filter contains translucent granules which change color according to the formaldehyde absorption rate.



Nanocaptur ® filter exist as an accessory. Ref. ⊃ XD6080.. for Bedroom model Ref. ⊃ XD6081.. for XL size room model

2



#### Nanocaptur ® filter

Refer to the color chart on the inside of the panel or the filter itself to establish the filter saturation rate.

Once the saturation rate has reached its maximum, the filter must be replaced. You have to check the filter saturation rate every six months.



# SATURATION LEVEL / NIVEAU DE SATURATION

#### NEW

# **CHANGE FILTER**

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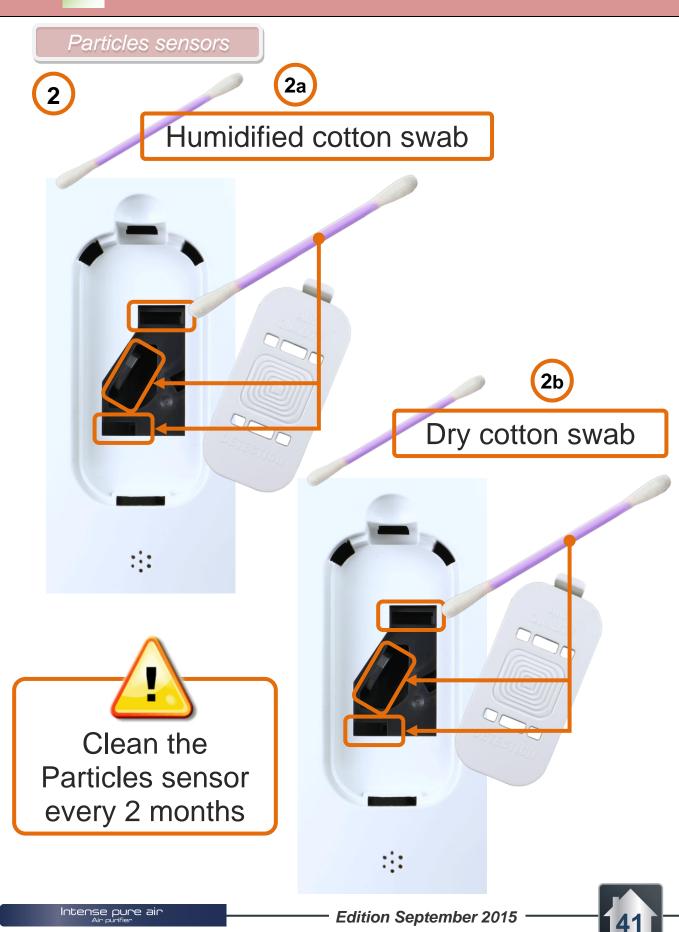
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# MAINTENANCE Pollution sensors According to model ::: Particles sensors 1 Soft brush or cloth :::

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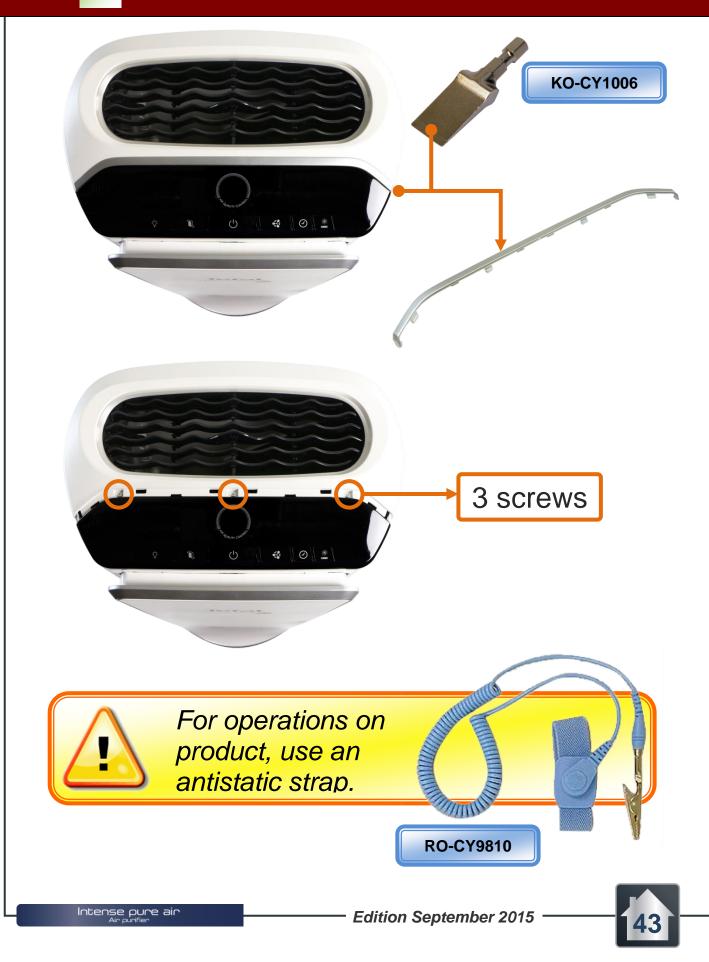
# **MAINTENANCE** Gas sensors Clean the Gas sensor every 2 months Soft brush or vacuum cleaner

#### Pollution sensors

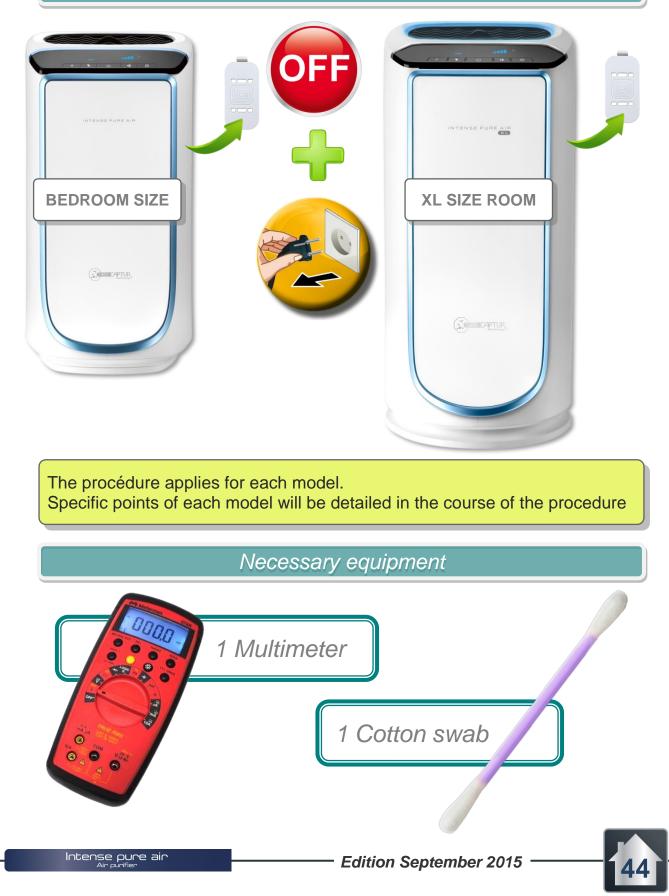
Never use a detergent or metal object to clean the pollution sensors. The efficiency of the sensors may be reduced if not cleaned regularly. Cleaning frequency varies depending on the operating environment of the appliance. If it is used in a dusty environment, clean the sensors more frequently.



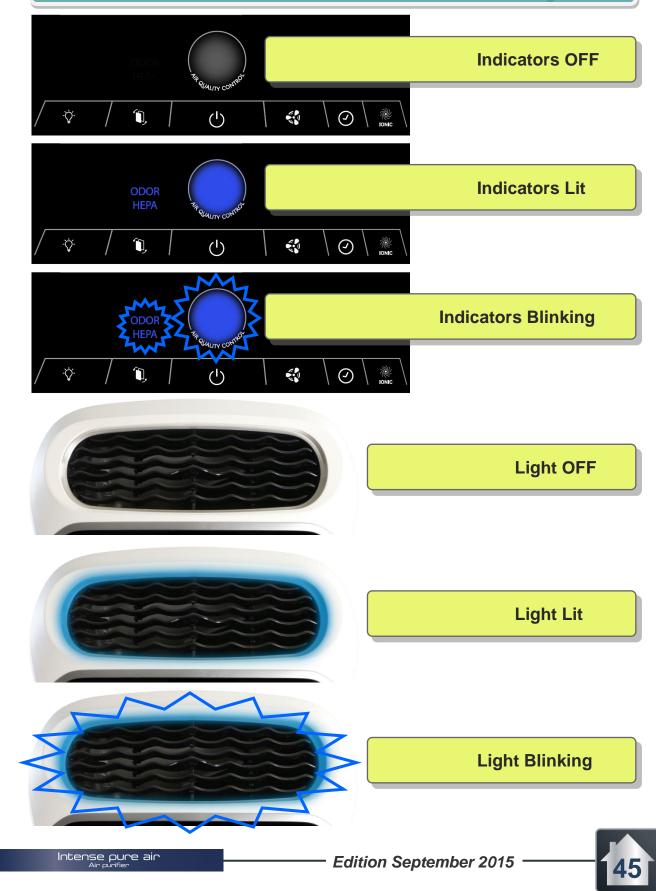
#### **DISASSEMBLING - REASSEMBLING**

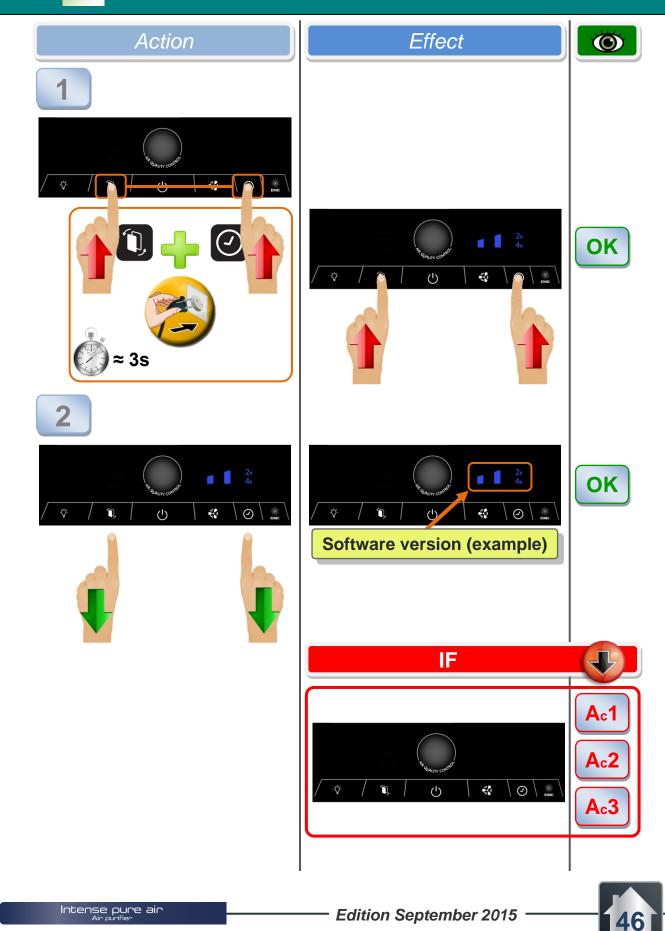


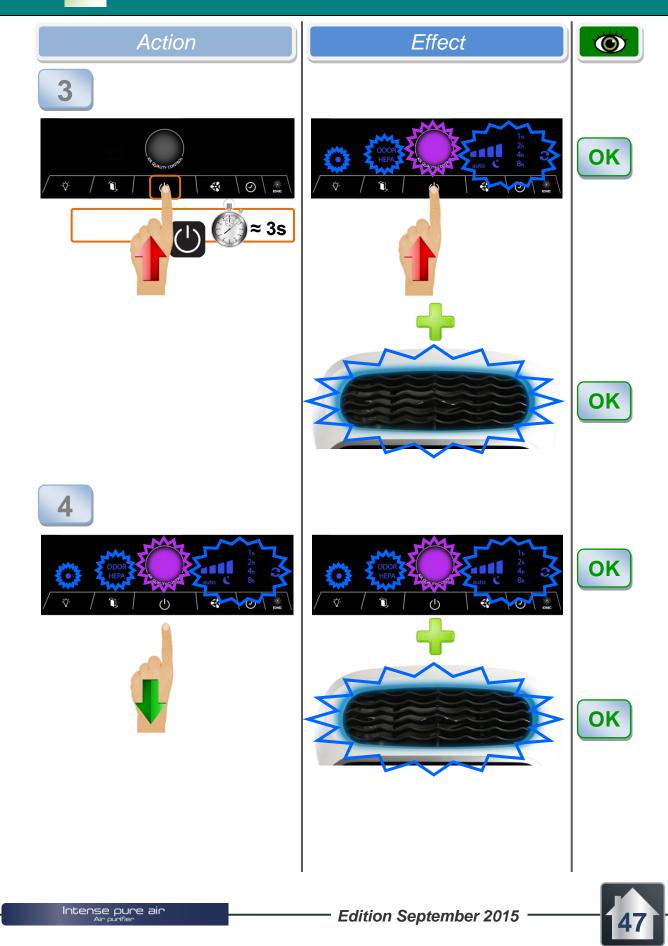
#### Initial conditions of control

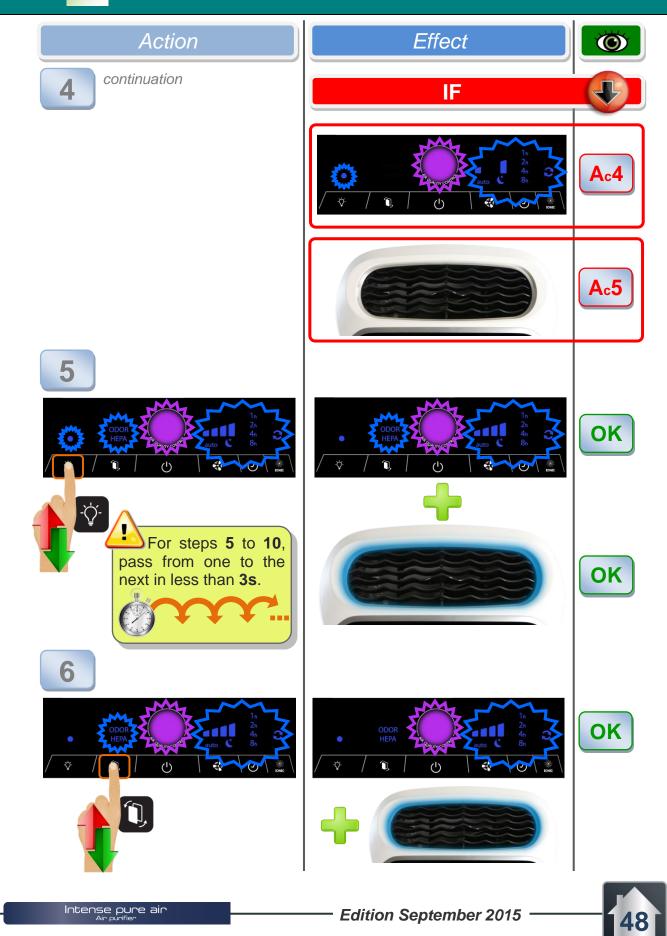


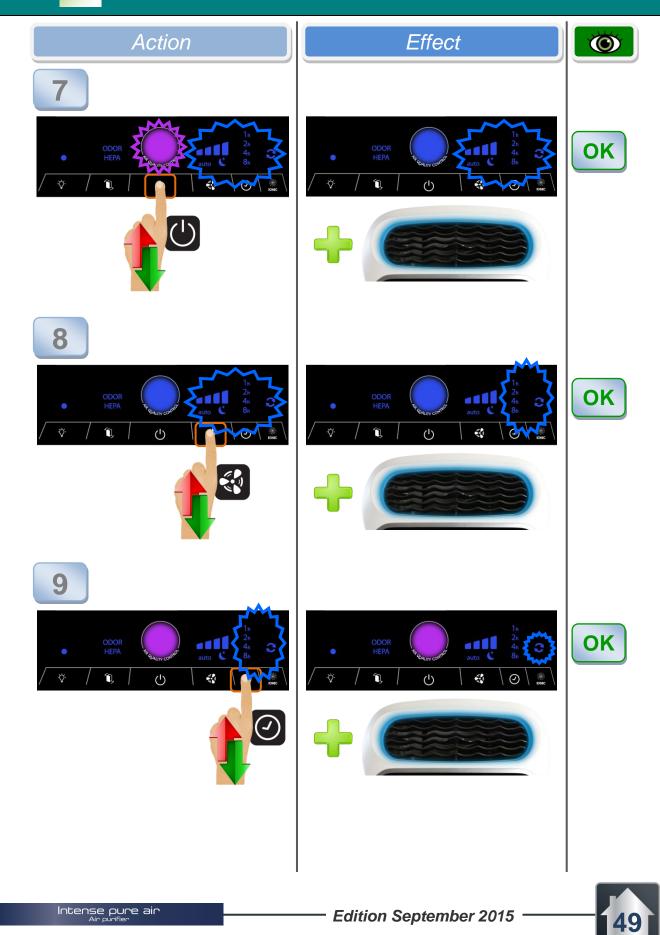
Status of the indicators / Status of the ambiant light

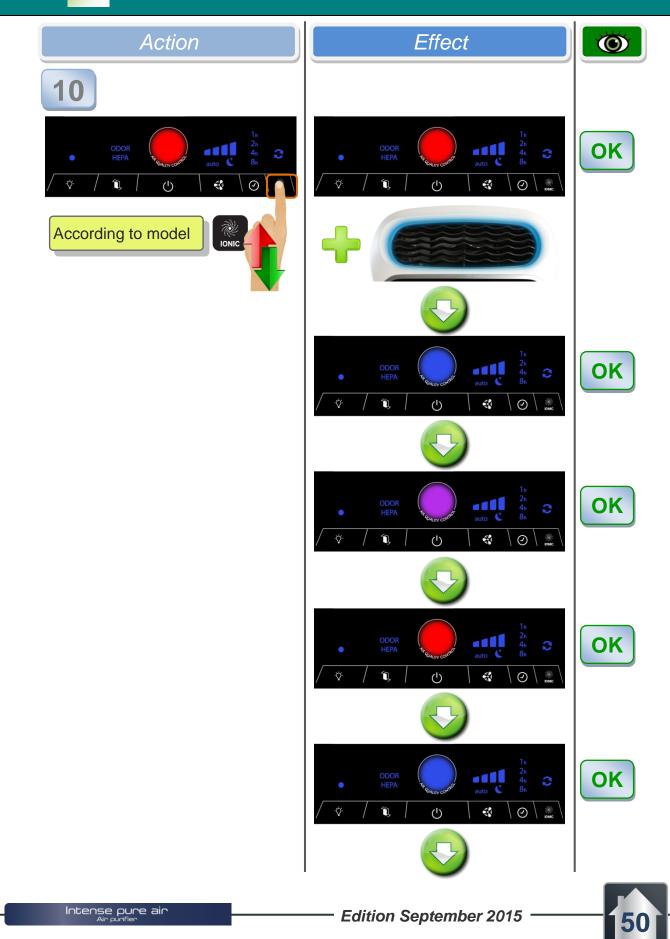


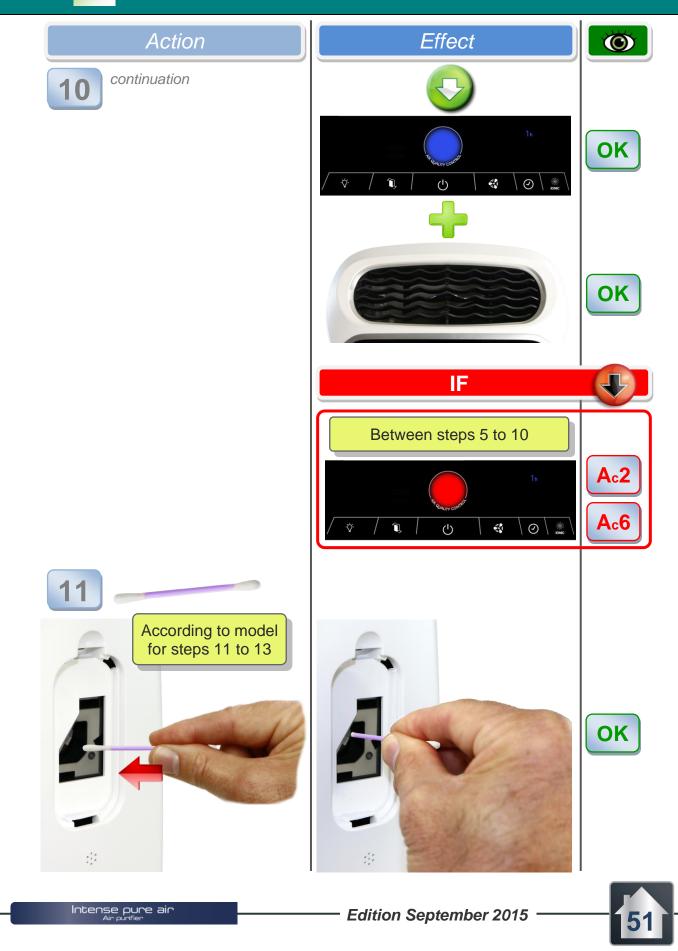


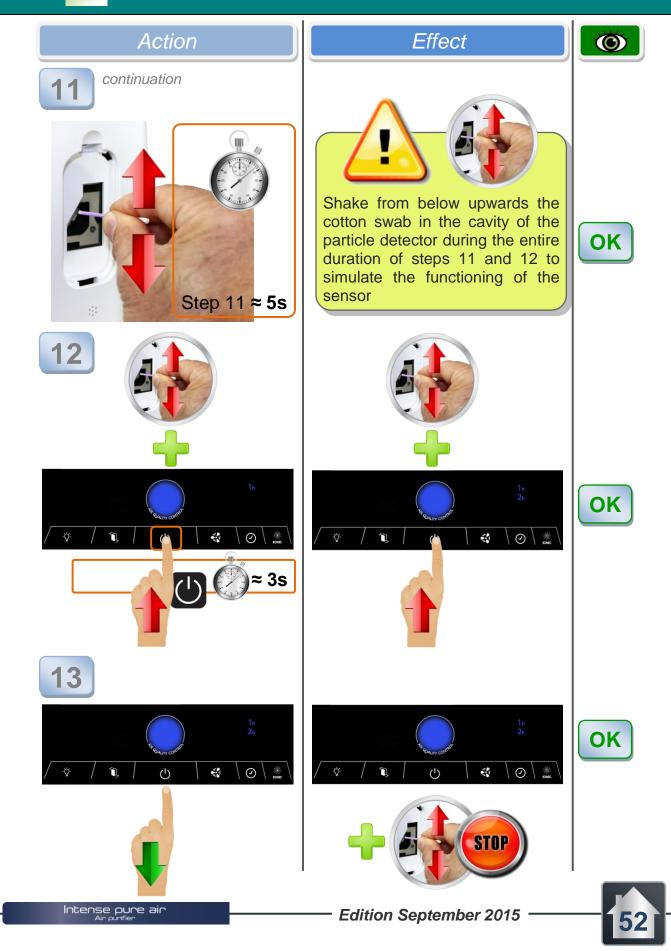


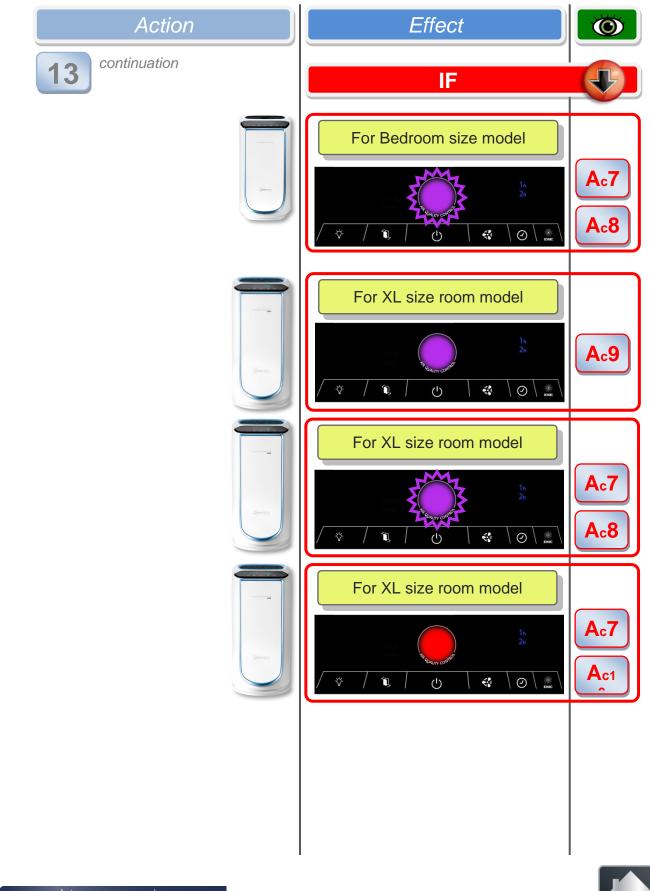


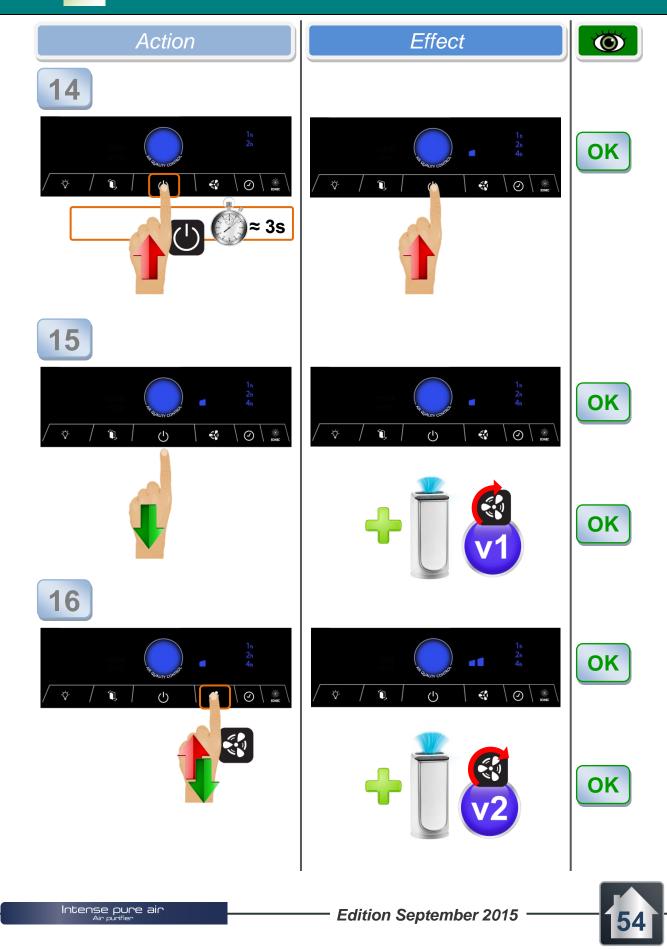


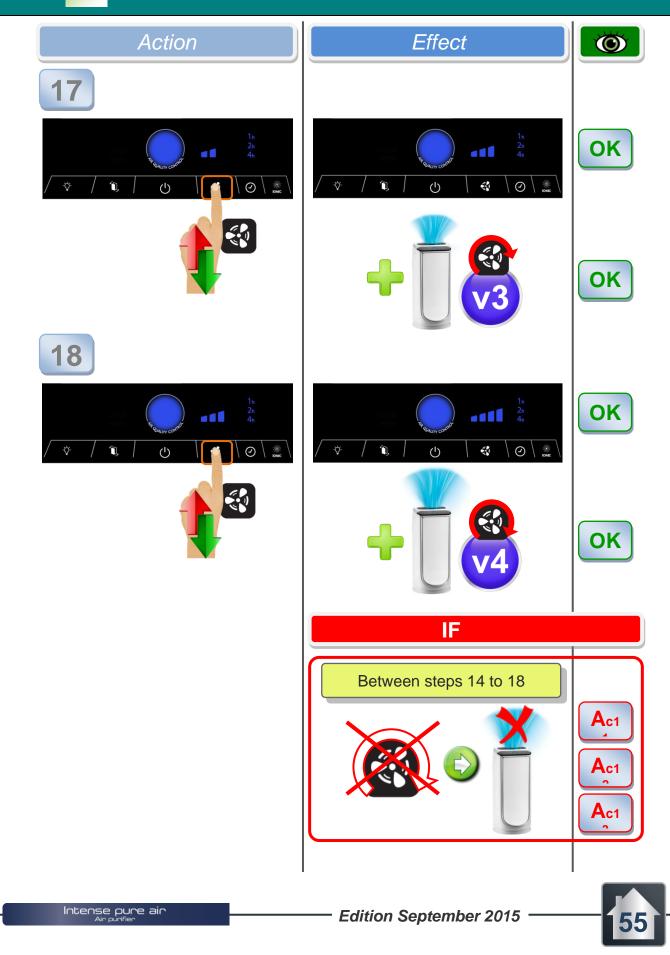


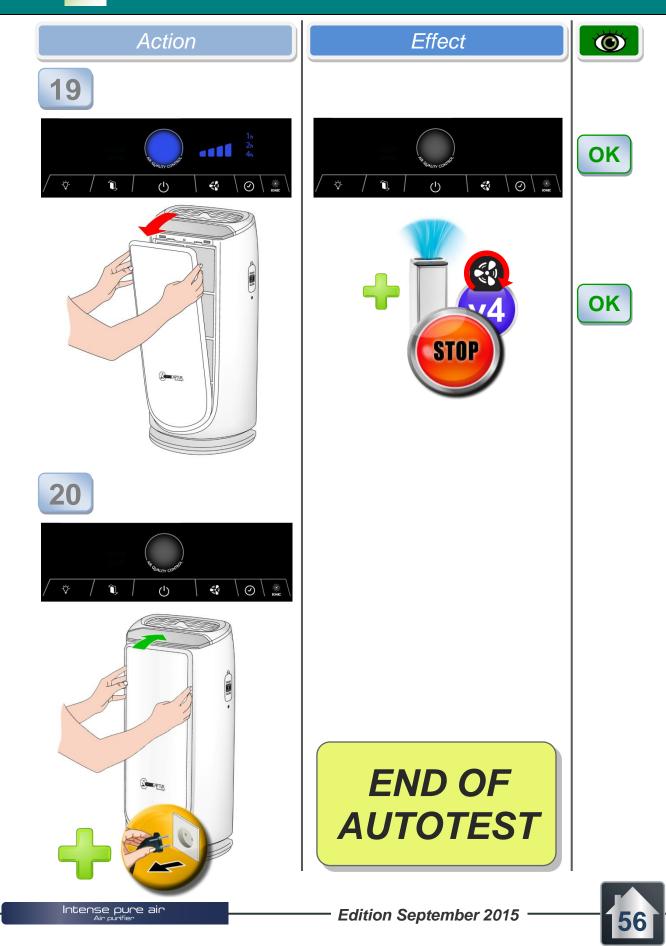


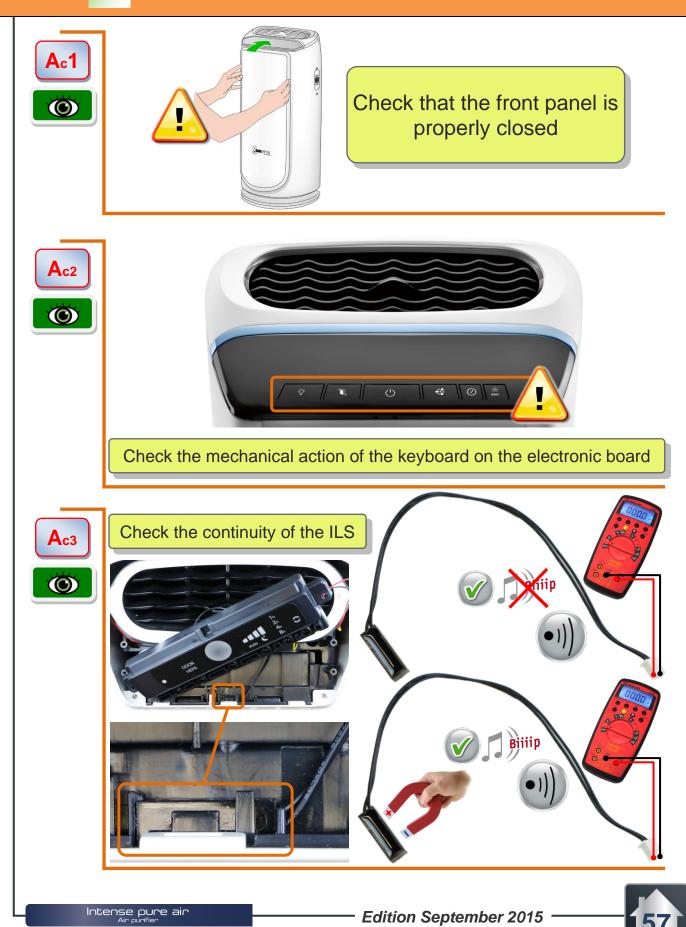


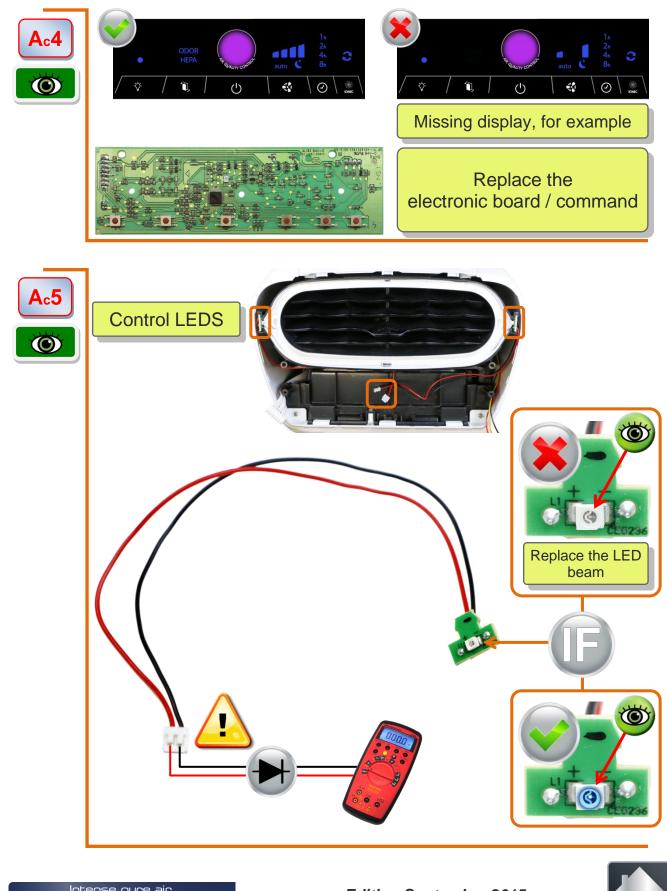


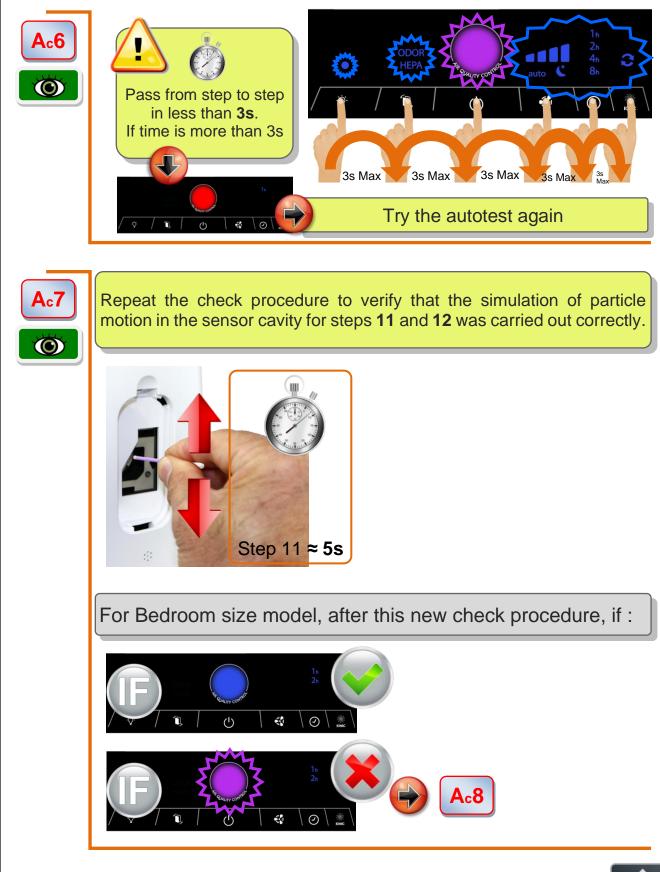






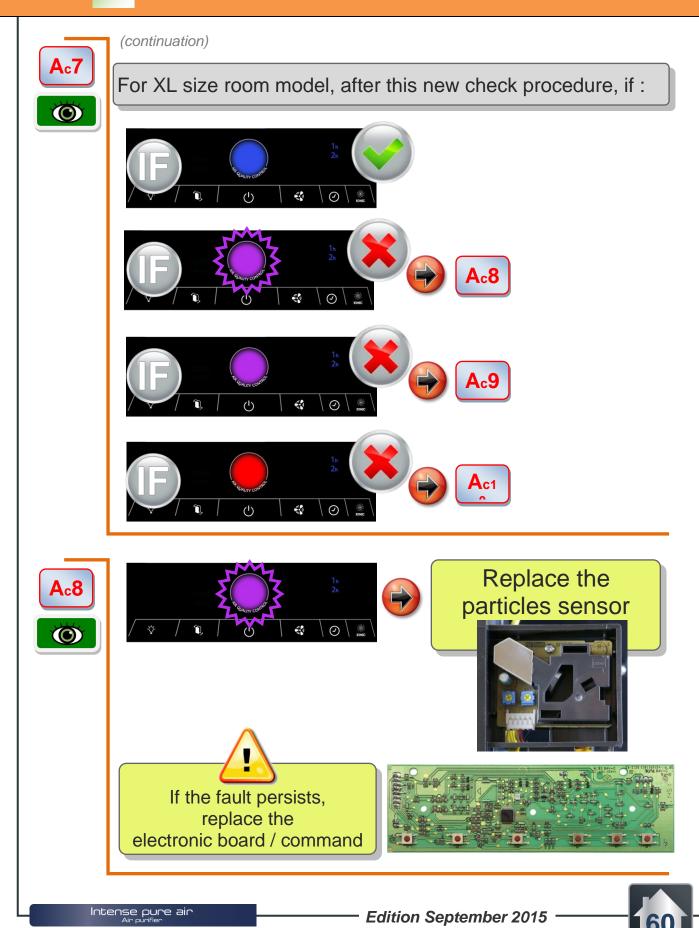


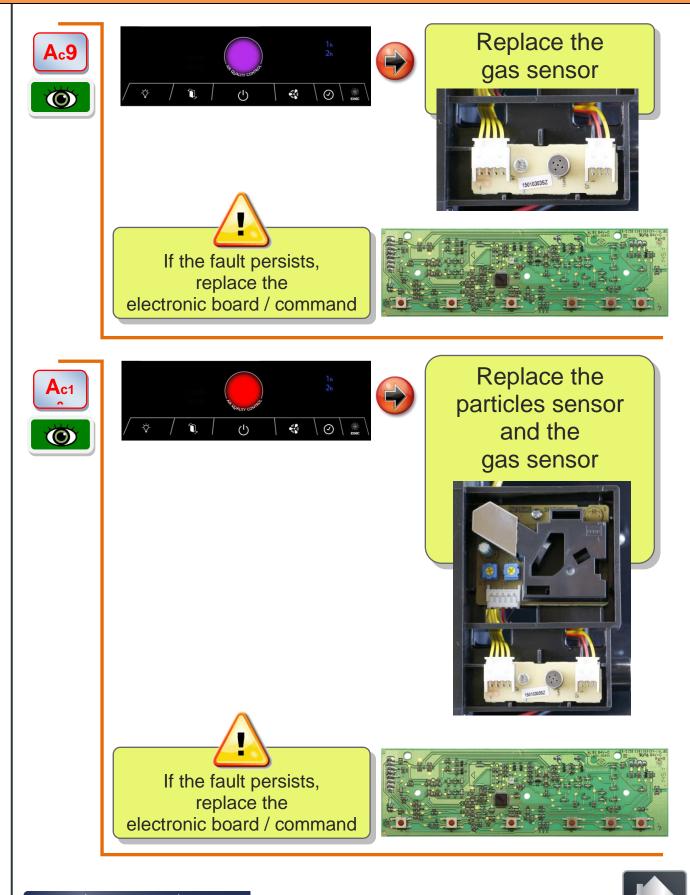




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# Replace the electronic board / power

