



Indoor Air Quality Service

## IAQS - 40 HEPA

Professional air purifier



The **IAQS - 40** series has been designed to provide maximum efficiency in the removal of air from a wide range of gaseous contaminants, tobacco smoke, strong odors and airborne particulates both in the home and in the company. These high performance filtration air purifiers are equipped with several modular filtration stages disposed consecutively and capable of removing many pollutants from the air with an air purification capacity exceeding 99%.

**The HEPA series** uses 1 cylindrical cartridge for particulate filtration with retention level up to 99.97% at 0.3  $\mu\text{m}$ .

The cylindrical shape of these cartridges allows optimum contact between the air and the filter material, ensuring the best efficiency of air purification, just like a professional anti-glare mask. Cartridges are also wrapped in electrostatically charged liners to capture residual gaseous post-phase dust.

### TECHNICAL FEATURES

**AIR FLOW:** 510 cubic meters / hour.

**ENERGY CONSUMPTION:** 120 watts.

**DIMENSIONS / WEIGHT:** cm. 40 b x 60 h / 25 kg.

**VOLTAGE / FREQUENCY:** 220-240 V / 50-60 Hz. **NOISINESS:** min 25 -max 58 decibel.

**SPEED:** variable.

**FILTER TYPE:** high performance radial centrifuge, curved, with overheating protection, suitable for extended use.

**FILTRATION STAGE:** 1st stage: synthetic large dust lining, 2nd stage HEPA cylindrical cartridge filter stage.

**AIR PRESSURE:** Intake side nozzle diameter 100.

**AIR OUTLET:** 4 sides with horizontal diffusion at the base of the appliance.

**MATERIAL:** white steel.

**APPLICATION SECTORS:** Specific series for removing particles from the air such as Virus, Bacteria, fungi, spores, micro and nano dusts from work. Restoration laboratories, analysis laboratories, dental and medical pharmaceutical laboratories, specific for allergic individuals and for containment of airborne infections.