

Purificator for purifying the air in large spaces in an open places aren't enough to purify the contaminated air between operator and patient in the clinic. When the evacuator hose is closer to the treated area (in 10 cm distance), it completely evacuates contaminated air and hazard smoke during esthetic medical care.

#### Technical Specifications of **Blue Eva**

Country of Manufacturing: Korea  
 Warranty: 1 year  
 Airflow: 20m3  
 Suction Pressure: 100mmAq  
 Filtration: HEPA Filter  
 Electrical: 100~240V, 50/60Hz  
 Dimension(Main Unit): 250(W) X 250(L) X 500(H)mm  
 Length(Suction Hose): Min 1000mm / Max 1200mm  
 Weight: 12KG  
 Mobility: Rolling Casters (4)  
 Suction Stage: 3 (Low, Medium, High)

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# Decide Blue Eva

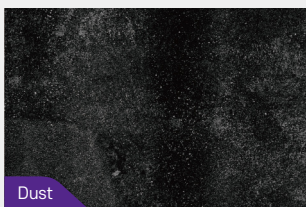
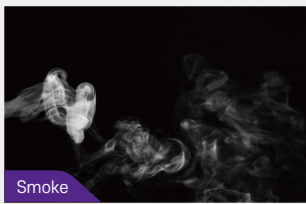
## Smoke Evacuator

**Hazard Surgical Smoke is generated during laser and electrocautery surgery.** It cause of acute or delayed carcinogenic effects on humans.

**To remove concerns of patient for contamination via virus during esthetic medical cares, turn on it during all cares.** Many patients postpone unessential cares during the pandemic.



Medical grade filtering system:  
99.95% filtering effect



Using Blue Eva



## Why Blue Eva

All professionals working in clinics should recognize the danger of surgical plume and virus request all necessary measures to protect both medical professions and patients

### Produced by Energy-Based Surgical Instruments

: Plume, Aerosol, Smoke, Cautery Smoke, Diathermy Plume, and Smoke Plume

### More than 80 chemical compounds in the surgical smoke

\* Chemical found in surgical smoke: Carcinogens such as benzene, butadiene, acetonitrile, etc

#### Lasers may pose a significant biohazard to the healthcare team

- Ziegler BL, Thomas CA, Meier T, Müller R, Fliedner TM, Weber L. Generation of infectious retrovirus aerosol through medical laser irradiation. Lasers Surg Med. 1998;22(1):37- 41. -

- Corona Virus enlarge concerns on health, especially patients who can't wear a mask during esthetic medical care hence many people postpone non-essential care

- Traditional surgical masks fulfill neither of these requirements

Influenza virus surviving in aerosol particles could be able to bypass or penetrate a surgical mask

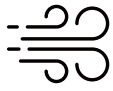
Surgical masks alone do not provide adequate protection against surgical smoke. A smoke evacuation device near the site of smoke generation offers the additional and necessary protection for patients and OR personnel

- Alp E, Bijl D, Bleichrodt RP, Hansson B, Voss A. Surgical smoke and infection control. J Hosp Infect. 2006;62(1):1-5. -

### Turn on Blue Eva During All Esthetic Medical Procedures



Improve visibility



Prevent infection from hazardous aerosol



Supply fresh air in clinic



Minimize CO2 exposure

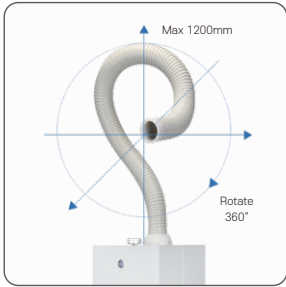


Remove odors with toxic chemicals

- Improve working environment directly increase work efficiency
- Prevent all in room from the risk of chronic pulmonary conditions other than lung cancer, asthma or pneumonia
- Patients notice clean air without odors and feel safe so it attracts patients

### Blue Eva Benefits

Air quality is important for overall health and well-being life, secure it with Blue Eva



#### Ease to Use

No staff needed to fix the hose, Easy to operate system



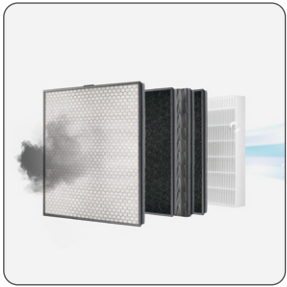
#### Installable without Space Limit

Modern and Compact Design (250(W) X 250(L) X 500(H)mm), Light-weight(12kg)



#### Complete Protection

Medical Grade Filtering System: Virus and Germ  $\geq 0.3\mu\text{m}$  99.95% Filtering



#### PRE Filter + Carbon Filter + HEPA Filter

#### High Durability

It is studied and researched clinic situation and developed based on our long term (since 1998) medical device manufacturing know-how

#### Strong Suction Power but Low Noise Level

Installing noise protecting system, it keeps (45 ~ 65dB)

### Name and Function of Each Part



### Full Set Composition

Main Unit (filter fully equipped): 1EA  
Air Hose: 1EA  
Power Cable: 1EA  
Allen Wrench (3mm): 1EA  
Quick Manual: 1EA

