

Decide Blue Eva

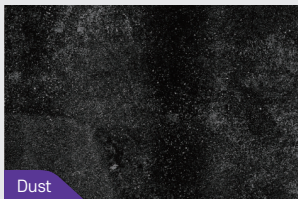
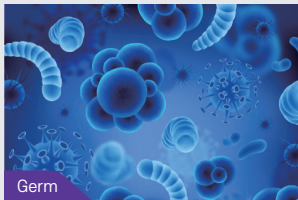
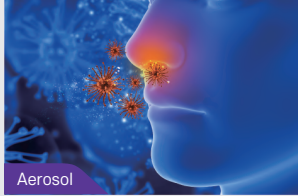
Smoke Evacuator

Hazard Surgical Smoke is generated during laser and electrocautery surgery. It causes 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

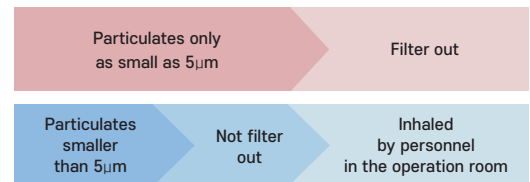
Lasers may pose a significant biohazard to the healthcare team

- 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.

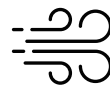
A smoke evacuation device near the site of smoke generation offers the additional and necessary protection for patients and OR personnel

- Alp E, Biji 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**



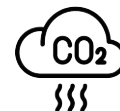
Improve visibility



Prevent infection from hazardous aerosol



Supply fresh air in clinic



Minimize CO2 exposure



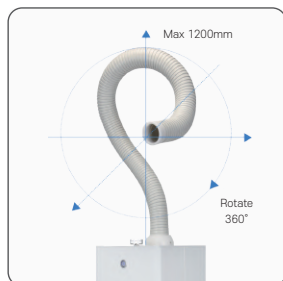
Remove odors with toxic chemicals



- * **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



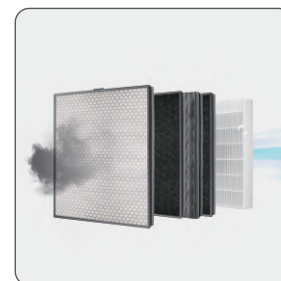
Installable without Space Limit

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

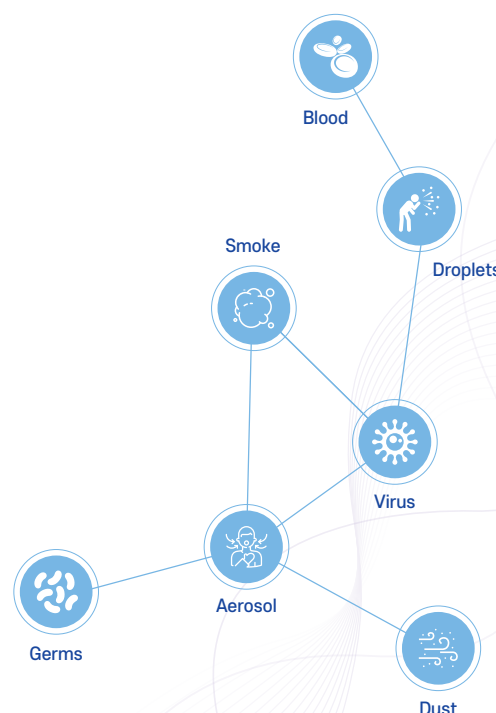
Main Unit (filter fully equipped): 1EA

Air Hose: 1EA

Power Cable: 1EA

Allen Wrench (3mm): 1EA

Quick Manual: 1EA





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/min
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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