

# BEYOND



Therapeutic  
Product for  
COVID-19

## Non-invasive ventilator

ResPlus<sup>®</sup> B-30P

Therapeutic Product for COVID-19

ResPlus<sup>®</sup> B ventilator is mainly used for patients with mild to moderate respiratory failure, no indication of emergency intubation, relatively stable vital signs and no taboo of noninvasive ventilation. It is used for early intervention and auxiliary evacuation of respiratory failure.

# Non-invasive ventilator

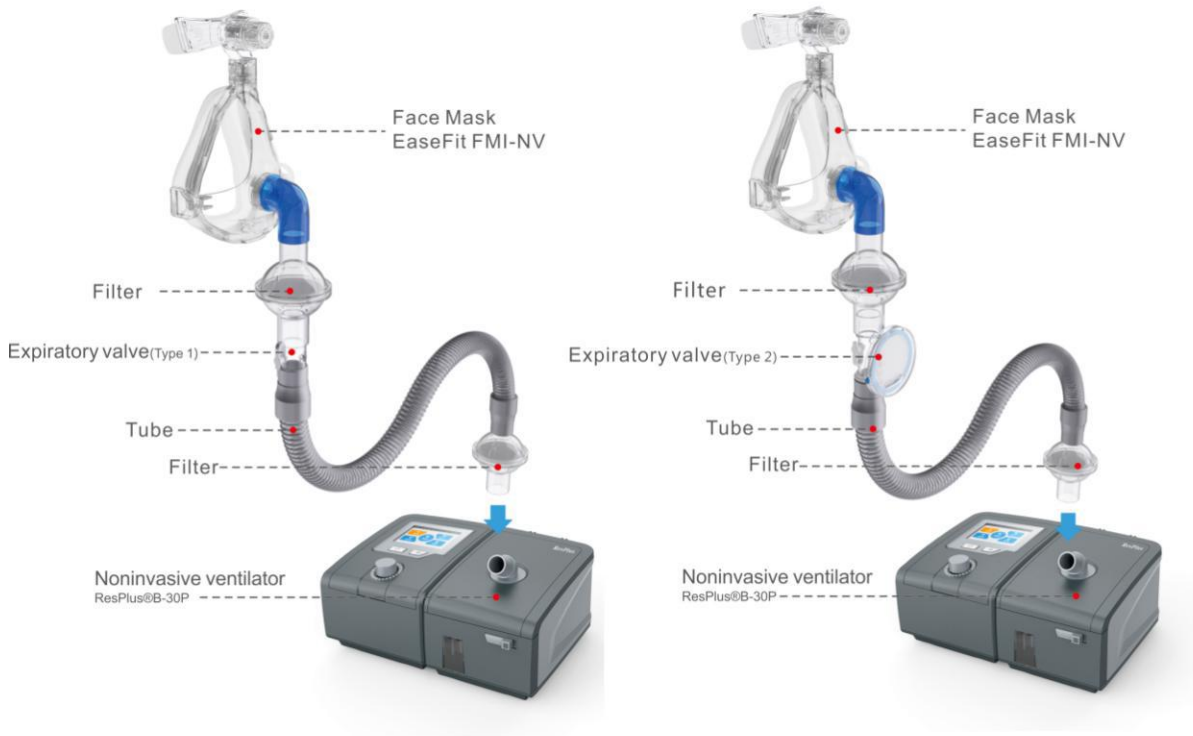
Nowadays, COVID-19 which caused by the novel coronavirus outbreaks worldwide. The virus will quickly invade human lung cells and cause pneumonia, which will cause severe lower respiratory tract diseases, such as acute lung injury and respiratory distress syndrome. Some critical patient may even have symptoms such as respiratory failure, refractory hypoxemia, shock, multiple organ failure, and coagulopathy.

For COVID-19, ventilator is one of the most effective treatments in the absence of specific drugs. Under ventilated, the blood oxygen of patient can be effectively improved and the mortality rate can be reduced.



## How to avoid nosocomial infections with non-invasive ?

Filter needs to pay attention to the problem of increased resistance to water overload. The increased resistance needs to be replaced at any time!



## Non-invasive ventilator

**B-30P can be used in para treatment for patients with COVID-19.**

### Feature

1. Small size, color LCD display
2. Portable and easy to operate
3. Can be equipped with trolleys
4. Can be equipped with independent humidifier
5. Can be equipped with SPO<sub>2</sub> module
6. Real-time display and monitoring of clinical use data of patients;
7. Connect to Low-flow oxygen, for air-oxygen mixing;
8. With VAF (Vital assurance function);
9. Max.IPAP: 30cmH<sub>2</sub>O;
10. Ventilation mode: CPAP, S, ST, T, APCV.



### Application

Non-invasive ventilation is mainly applicable to patients with mild to moderate respiratory failure, no evidence of emergency intubation, relatively stable vital signs, and no contraindications to non-invasive ventilation. It is used for early intervention and assisted withdrawal of respiratory failure.

### Using environments

1. Early intervention for respiratory failure for patients with COVID-19;
2. After extubating, when the patient is removed from the invasive ventilator and transferred to a non-invasive ventilator. The patient has a certain ability to breathe spontaneously and is in good condition, or applied when transferred to a general ward.

### Guidelines for non-invasive ventilation for patients with COVID-19

For mild to moderate patients ( $PaO_2 < 60\text{mmHg}$ ,  $SpO_2 < 90\%$ ,  $RR > 24$ ), non-invasive ventilation can be considered for respiratory support when oxygen therapy is not effective.

### Qualification

EUA(FDA), ISO 13485, CE<sub>0197</sub>, ISO14001, ISO 9001

# Non-invasive ventilator

**Product name :** Non-invasive ventilator

**Model :** ResPlus®B-30P

**Screen :** 3.5" colorful LCD

**Respiratory mode :** CPAP、S、ST、T、APCV

**Weight :** 2.2Kg

**Dimension :** 280mm\*200mm\*112mm

**Noise Level :** <30dBA

## Parameters

**IPAP(cmH<sub>2</sub>O) :** 4-30cmH<sub>2</sub>O

**EPAP(cmH<sub>2</sub>O) :** 4-25cmH<sub>2</sub>O

**Isens :** Auto,1-6 level

**Esens :** Auto,1-6 level

**Islop :** 1-6 level

**InspTime :** 0.5-4s

**Max-InspTime :** 0.5-4s

**Min-InspTime :** 0.5-4s

**BPM :** 3-40bpm

**Humidifier :** 0-5 level

**Auto-On :** On/Off

**Auto-Off :** On/Off

**Auto-air compensation :** Available

**Auto-adjustment altitude :** Available

**VAF settings :** Available

**Target VT :** 50-2000ml

**Ramp :** 0-60 min

**Data storage :** TF card

