

# The FEV1002 Portable Ventilator

- Simple control interface, lightweight, easy to carry, the FEV1002 is a portable ventilator.
- FEV 1002 ventilator is intended for use on patients weighing greater than 20 kg (44 lbs) .The ventilator is used in environments of emergency medical services (EMS), inter-hospital transportation, and hospital facilities.
- FEV 1002 is a gas-powered with a 50psi oxygen gas source, electronically controlled ventilator.
- Equipped with four major alarm functions: (1) Low battery alarm (2) Low source gas alarm(3) High airway pressure alarm (4) Breath Delivery Alarm.
- Features CPR ONLY mode, providing quick ventilation.
- FEV 1002 ventilator will run for up to 48 hours on two D cell alkaline batteries in adult mode (10 BPM and 2-second inspiratory time).
- Water Resistance : IPX4



## Specifications -

### Setting Parameters

- Breaths Per Minute (BPM):  
1 second inspiratory time = 0 and 5 to 30  
2 second inspiratory time = 0 and 5 to 20
- Tidal Volume : 200-1200 ml
- Inspiratory Time (It): 1 second or 2 second selection
- Assist Control : Trigger at less than  $\leq -1$  cm H<sub>2</sub>O.
- Airway Pressure Limit : 60 cm H<sub>2</sub>O
- CPR only mode setting : 1 SEC inspiratory time 、 10BPM 、 400ml tidal volume
- FiO<sub>2</sub>:100%

### Alarms

- Low Battery alarm : Below 2V
- Low Source Gas Alarm: Activates at 275 to 241 kPa (40 to 35 psi) source pressure.
- High Airway Pressure Alarm : Activates at 45 cm H<sub>2</sub>O with a red LED.
- Breath Delivery Alarm: Activates with a red LED if the airway pressure does not go above 9 cm H<sub>2</sub>O.
- Alarm sound volume: 58 decibels.

### Power Characteristics

- Gas supply pressure: 280 kPa (40.6 psi) to 600 kPa (87 psi) oxygen DISS.
- Internal Power Supply: D cell alkaline batteries
- Battery Life : 48 hours of continuous use

### Physical Characteristics

- Size : 140mm x 124mm x 63mm
- Weight : 693 gm without battery, 972gm with Battery
- Operating Conditions: 4 to 50°C (39.2 to 122°F)
- Storage Conditions: -40 to 60°C (-104 to 140°F)
- Shipping Conditions: -40 to 60°C (-104 to 140°F)
- Enclosure material : PC
- Water Resistance : IPX4