

# OUR CONTRIBUTION IN FIGHTING THE CRISIS

Introducing "Life Saving Automated Emergency Resuscitation Device"

## EMERGENCY VENTILATOR

Presenting a thoughtfully designed product in a short time which uses ubiquitous manufacturing techniques & components to make a reliable product.



### Features:

Tailor made according to the needs of the crisis

Key focus on user and patient safety

Suitable for quick mass manufacturing

Simple user-interface for quick & easy training/usage

Used common manufacturing techniques for quick production ramp-up

All Indian components used to avoid dependency/delays

SPECIFICATIONS	VENTILATOR
Principle Of Operation	Ambu Bag Based. Automatic Compression For Unattended Operation
AMBU Bag Size	Adult (1600ml)
No. Of Patients	1
Face Mask Size	Mask Size 4/5
Breath Per Minute (Respiratory Rate)	10 - 35
Tidal Volume	400-600ml
Peak Inspiratory Pressure Limit	40-60 cm H2O
Inspiratory Pressure Safety System	Pop-off valve On AMBU Bag
Modes Available	VC-CMV (Volume Control - Continuous Mandatory Ventilation)
Error Alarm In Machine Operation	Microprocessor Controlled Closed Loop Error Code And Alarm
Mode Of Operation	Digital + Analog
Power Supply	220V AC / 12V DC
Direct DC Input	Yes - Connects To Automobile 12V DC
Power Consumption	60 Watts
Motor Life	> 1.5 Million Cycles
Dimensions (L x W x H)	455 mm x 215 mm x 245 mm
Weight	9kg (Approx.)
Battery Back-up Operations	Can Be Used With External 12V Battery (Next Version Will Have Inbuilt Battery)
AMBU Bag Type	Re-usable (Autoclavable) Silicon Bag / Disposable PVC Bags
PEEP Valve	Can Be Attached (Optional)
Pressure Barometer	Can Be Attached (Optional)

The product is designed keeping in mind scalability and further development of higher versions / variants with additional capabilities. Once the urgent demand is met across the world, higher end models with enhanced features will be launched.