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# Ventilator Vertical Diamond (MODEL NO : APVE 141)



## Ventilator Vertical Diamond Supplied by Desco Medical India

### Specification:-

Ventilator Vertical Diamond is a multi-functional Ventilator adopting pneumatic, electronic control and microcomputer technology. Exported components are utilized to guarantee operational stability and reliability. With color screen (TEF) to display various measuring and configuration parameters, the device is very suitable for respiratory treatment, applicable for medical, surgical and gynecological departments, the department of pediatrics, first aid, and ICU departments of hospitals at different levels.

#### Ventilator

Display Mode : High-definition 10.4" TFT color LCD screen display

Ventilation Mode : VCV,PCV,SIMV,PSV,PSV+SIMV,CPAP

Ventilation Function : PEEP,SIGH, IRV, IP,Standby

#### Ventilation Parameters :

Tidal volume	20~1800 ml
Rate	2~120bpm
SIMV rate	2~120bpm
I:E	4:1~1:8
Pressure trigger sensitivity	-10~10 cmH <sub>2</sub> O
Flow trigger sensitivity	1~20L/min
PEEP	0~25 cm H <sub>2</sub> O
Pressure Range	3~50 cm H <sub>2</sub> O
Pressure limitation	5~60 cm H <sub>2</sub> O

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DELIVERING TO THE WORLD

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Pressure slope	1 ~ 10 gear
Flow rate setting	1 ~ 10 gear
Time control	1 ~ 10s
SIGH	1.5 times the inspiratory time (60-120 adjustable)
Inspiratory platform	0 ~ 50%
Oxygen concentration	21% ~ 99%
Parameters for ventilation monitoring	
Expired tidal volume, Inhale tidal volume, minute ventilation volume, IPPV rate, SIMV rate, total respiratory rate, autonomous inspiratory rate, I/E, peak pressure of airway, average pressure, PEEP, inspiratory trigger pressure, Inspiratory platform, oxygen concentration, battery capacity, pressure - time waveform, flow rate - time waveform, flow-volume loop, pressure-volume loop	
Security Alarm System	
Oxygen Concentration alarm	Upper limit setting range 21% ~ 99% Low limit setting range 18% ~ 80%
Airway pressure alarm	Upper limit setting range 5 ~ 60 cmH <sub>2</sub> O Low limit setting range 0 ~ 50 cmH <sub>2</sub> O
Per-minute ventilation volume alarm	Upper limit setting range 1 ~ 20L/min Low limit setting range 0 ~ 19L/min
Tidal volume	Upper limit setting range 10 ~ 1800ml Low limit setting range 0 ~ 1700ml
Respiratory rate	Upper limit setting range 10 ~ 99bpm Low limit setting range 0 ~ 50bpm
Sustained high-pressure alarm	It will give alarm when stress have consistently been higher than 30 cm H <sub>2</sub> O
Suffocation alarm	Power alarm
Low pressure of oxygen alarm	Intubation off alarm
Low pressure of Air alarm	Battery voltage alarm
Power	AC 220V 50Hz (UPS, Storage battery)
Mechanical Arms	
Air Compressor	With standby function

We are Exporters and Suppliers of Ventilator Vertical Diamond at wholesale competitive prices from India

**Model No:**

**APVE 141 Ventilator Vertical Diamond**

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