



RESPOND-19™ Ventilator

Reliable and intuitive critical care respiratory support with rapid and affordable deployment during times of greatest need.



▶ Optimized for use during the COVID-19 pandemic



Safe, cost-effective design

- Superior infection control
- Expands access to lifesaving technology
- Designed for long-term storage



Out-of-the-box ventilation you can count on

- Easy plug and play setup
- Rapid training and intuitive user interface



Designed to meet individual patient's needs

- Built-in safeguards for critical events



1 Key Ventilator Modes

Mandatory, assist, and spontaneous ventilation

2 Key Ventilator Settings

Inspiratory pressure target, pressure support target, breath rate, inspiration time, PEEP, and O₂% set by wall O₂ flow

3 Key Alarms

Including high inspiratory pressure, disconnect, occlusion, and apnea

4 Essential Features

Flow triggering, viral filtration and humidification

RESPOND-19™ Ventilator



Device Specifications

UNIQUE FEATURES

Modes	Continuous Mandatory Ventilation (CMV), Assist-Control Ventilation (ACV) and Spontaneous Ventilation
Breath Types	Pressure Control Ventilation (PCV), Pressure Support Ventilation (PSV+CPAP) and P SIMV (PCV+PSV)
Maintenance	No maintenance required

VENTILATOR PARAMETERS

Alarms	High and low inspiratory pressure, disconnect, occlusion, loss of power, apnea, low exhaled tidal volume, hypoventilation and hyperventilation
Inspiratory Pressure Target Range (P_I)*	5 – 40 cmH ₂ O
Pressure Support Target Range (P_{SUPP})*	0 – 40 cmH ₂ O
Inspiratory Time (T_I)*	0.4 – 3.0 sec
Breath Rate*	3 – 70 bpm
Tidal Volume (V_T)	50 – 2000 ml
Exhalation Sensitivity (E_{SENS})*	5 – 80%
Flow Triggering Sensitivity (V_{SENS})*	0.5 – 20 L/min
PEEP Range*	0 – 20 cmH ₂ O
Flow Rate (f)	Max 120 L/min
Oxygen Supply (flow meter / blender)	< 15 L/min
O₂%	21 – 95%
Circuit Compliance	< 2 ml/cmH ₂ O
Viral Filter	99.999% on exhalation and inhalation
Inspiratory Ratio (measured)	3:1 to 1:5
Humidified Air	Yes

*Adjustable

MECHANICAL SPECIFICATIONS

Dimensions	18" x 12" x 12"
Weight	< 20 lbs.
Power	120 VAC to 24 VDC input to ventilator
External UPS	Up to 2 hours of use
User Interface	LCD screen and Push buttons
Connections	Standard 22mm
Air Source	No wall air required; Electrically operated

Specifications are subject to change without notice.

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For more information, contact us at
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The RESPOND-19™ Ventilator has NOT been FDA cleared or approved. The RESPOND 19 Ventilator has been authorized by FDA under an EUA and is authorized only for the duration of the declaration that circumstances exist justifying the authorization of the emergency use of ventilators, ventilator tubing connectors, and ventilator accessories under section 564(b)(1) of the Act U.S.C. § 360bbb-3(b)(1), unless the authorization is terminated or revoked sooner.

This EUA will be effective until the declaration that circumstances exist justifying the authorization of the emergency use of ventilators, ventilator tubing connectors, and ventilator accessories during the COVID-19 pandemic is terminated under section 564(b)(2) of the Act or the EUA is revoked under section 564(g) of the Act.

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