

**CAPACITY TO
SAVE LIFE**

RESPOND-19™ VENTILATOR

**OPTIMIZED FOR USE
DURING THE COVID-19**

Reliable respiratory support with rapid and affordable deployment when you need it most.

CORVENT™



MEET THE RESPOND-19™ VENTILATOR

Respond with flexible, easy-to-use respiratory support that can achieve the highest level of patient care and immediately expand your ventilator capacity.

LIFESAVING, LIFE SUSTAINING
AND WEANING MODES
MANDATORY, ASSIST, AND
SPONTANEOUS VENTILATION

ADJUSTABLE VENTILATOR
SETTINGS

INSPIRATORY PRESSURE
TARGET, PRESSURE
SUPPORT TARGET,
BREATH RATE,
INSPIRATION TIME, PEEP,
AND O2 % SET BY WALL
O2 FLOW



WORKS WITH ALL LOW
FLOW O2 SOURCES

MULTI-STAGE ANTI-
VIRAL FILTERS
(FLOW TRIGGERING,
VIRAL FILTRATION AND
HUMIDIFICATION)
PROVIDE 99.999%
PROTECTION TO
PATIENTS AND STAFF

BUILT-IN SAFEGUARDS &
ALARMS
INCLUDING HIGH
INSPIRATORY PRESSURE,
DISCONNECT, OCCLUSION,
AND APNEA



FDA AUTHORIZED
ICU VENTILATOR
UNDER AN EUA

DESIGNED AND BUILT
IN THE USA



SAFE, COST-EFFECTIVE DESIGN

- SUPERIOR INFECTION CONTROL
- EXPANDS ACCESS TO LIFESAVING TECHNOLOGY
- DESIGNED FOR LONG-TERM STORAGE



OUT-OF-THE-BOX SETUP & VENTILATION

- EASY PLUG AND PLAY SETUP
- RAPID TRAINING AND INTUITIVE USER INTERFACE
- READY TO VENTILATE IN < 10 MINUTES
- EFFICIENT STAFF TRAINING IN < 1 HOUR
- COMPATIBLE WITH ALL LOW FLOW O2 SOURCES, GIVING STAFF THE FLEXIBILITY TO TREAT PATIENTS IN A VARIETY OF SETTINGS



DESIGNED TO MEET INDIVIDUAL PATIENT'S NEEDS

- BUILT-IN SAFEGUARDS FOR CRITICAL EVENTS



AVOID COSTLY SERVICE OR MAINTENANCE PLANS

- ROBUST DESIGN OPTIMIZED FOR LONG-TERM STORAGE
- 5-YEAR SHELF LIFE
- IDEAL FOR OVERFLOW RESPIRATORY SUPPORT OR DAY-TO-DAY CLINICAL USE

SPECIFICATIONS

UNIQUE FEATURES

MODE	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 (PI)*	5 – 40 CMH ₂ O
PRESSURE SUPPORT TARGET RANGE (PSUPP)*	0 – 40 CMH ₂ O
INSPIRATORY TIME (TI)*	0.4 – 3.0 SEC
BREATH RATE*	3 – 70 BPM
TIDAL VOLUME (VT)	50 – 2000 ML
EXHALATION SENSITIVITY (ESENS)*	5 – 80%
FLOW TRIGGERING SENSITIVITY (VSENS)*	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
O ₂ %	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.

For More Information



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