



The **Covidien Newport e360** is a ventilator that can work for Adult and pediatric patients. The E360 ventilator offers both non-invasive and invasive options of ventilation. The Newport ventilator comes standard with a comprehensive alarm system along with an internal battery backup. The Ventilator can hold up to 1,0000 records that can be saved or downloaded.

Features

- This versatile ventilator supports patients from infants to adults in acute care or long-term care settings.
- The ventilator's compact size makes intra-hospital transport seamless.
- An intuitive user interface allows direct access to commonly used controls and includes more advanced features in the touch-screen graphics display, with no hidden menus.
- Automated features on the ventilator work together to add more efficiency to everyday operations to support ventilator liberation at the earliest possible opportunity.
- The patented FlexCycle feature uses a unique feedback-controlled algorithm to automatically manage Pressure Support or Volume Target Pressure Support (VTPS) cycling-off threshold, breath by breath.
- Automatic Leak Compensation automatically manages the bias flow while maintaining the flow trigger threshold for more reliable triggering.
- Automatic* or Adjustable Slope/Rise enables automatic or manual adjustments of slope/rise setting to allow clinicians to minimize imposed work of breathing and maximize patient comfort.
- Dual Control Adaptive Breath Management, for Volume Target Pressure Control (VTPC) and Volume Target Pressure Support (VTPS), automatically applies the lowest driving pressure possible within the set pressure limit to deliver the targeted tidal volume.



Specifications

Dimensions (W x H x D) 13.9 in (35.3 cm) x 12.1 in (30.7 cm) x 13.9 in (35.3 cm)

Weight 38 lbs (17.3 kg)

Patient Range Infant/pediatric - adult

Breath Type/ Modes

- Volume Control
- Pressure Control
- Volume Target Pressure Control*
- Biphasic Pressure Release Ventilation (BPRV)*
- A/CMV
- SIMV SPONT
- Spontaneous breath choices:
- Pressure Support, Volume Target Pressure Support*
- NIV (noninvasive ventilation):
- On/off in all breath type/modes

Adjustable Alarms

- Low and High Exp. Minute Volume
- High Resp. Rate
- Apnea
- Low and High Airway Pressure
- Disconnect (Threshold %)

Automatic Alarms

- [Settings] out of range
- Low and high FiO₂
- Pressure limit below PEEP
- Low Paw below PEEP
- Sustained high baseline pressure
- Insp. time too short
- I:E ratio inverse violation
- Insp. time too long
- Low and high baseline (PEEP) pressure
- Volume target not met

Controls/ Settings

- Automatic± or Adjustable Slope/Rise
- Automatic or Adjustable Expiratory Threshold (FlexCycle)
- Tidal Volume
- Flow
- Resp Rate (frequency)
- Flow Wave Pattern Pause
- Sigh

Specifications

Controls/ Settings (continued)

Pressure Limit
 Inspiratory Time
 I:E Ratio
 Trigger (sensitivity)
 Pressure or Flow
 FiO2 PEEP/CPAP
 Leak Compensation
 Bias Flow
 Insp. Hold
 Exp. Hold
 NIF/P.01
 PV Maneuver + O2 (3 min)
 Manual Inflation

Monitored Parameters

Ppeak
 VTE % variance
 RR spont
 MVI
 I:E ratio
 Pmean
 Cstat
 WOBim
 MVE
 Time constant Total
 PEEP Insp flow
 Cdyn effective
 Exp flow Pplat
 VTI
 RSBI RI
 Inspiratory time
 PEEP
 MVE spont
 FiO2
 VTE
 RRtot