HOT TOPICS
COOL TIPS

Newport e360 Ventilator US

Can you use the e360 Ventilator for noninvasive *"BiPAP-style" ventilation?

*Such as Respironics BiPAP or Resmed VPAP

Yes

Material Required

- **e360 Ventilator – Turn ON Noninvasive (button on Control Panel)**
- **Humidification (choose <u>one</u> below)**
  - Heated humidifier on warm or Noninvasive setting
  - HCH – Hygroscopic Condensing Humidifier (only when mask has ideal fit)
  - HME – Heat Moisture Exchanger (only when mask has ideal fit)
- **e360 breathing circuit**
- **<u>Non-vented</u> mask with a head gear**

Ventilation Settings for Pressure Targeted, "BiPAP-style" Ventilation:

- **<u>A/CMV Mode</u>**

BiPAP-Style Device	e360 Ventilator
P-high (IPAP)	Set Pressure Limit (Pressure Limit = P-high)
T-high / Timed Insp	Set Inspiratory Time
P-low (EPAP)	Set PEEP
T-low / Rate	Set Respiratory Rate (Adjust expiratory time by setting respiratory rate)
	• Turn On Open Exh in Advanced Data set to activate Biphasic Pressure Release ventilation if desired • Turn On Noninvasive button (on Control Panel) • Set Trigger Sensitivity (It is automatically adapted to Leak Compensation flow)

- **<u>CPAP (SPONT) Mode</u>**

BiPAP-Style Device	e360 Ventilator
P-high	Set Pressure Support (PEEP + Pressure Support = P-high)
P-low	Set PEEP
	• Turn On Noninvasive button (on control panel) • Set Trigger Sensitivity (It is automatically adapted to Leak Compensation flow)

Alarm Settings

- **High/Low Paw Alarms (High only in SPONT mode)**
  - A/CMV: Set alarm limits to bracket Pressure Limit setting.
  - SPONT: Set High Alarm Limit just above pressure target (PEEP+Pressure Support)
- **Set High/Low MV (Expiratory Minute Volume) Alarm limits to bracket MV**
  - Back Up Ventilation provides supplemental ventilation when the Low MV alarm is violated in any mode.

Advantages of using the Newport e360 Ventilator to provide noninvasive ventilation:

- With NIV feature ON, Automatic Leak Compensation more effectively stabilizes baseline pressure/flow for more reliable triggering when a leak is present.
- Slope/Rise allows you to adjust flow/pressure rise to meet inspiratory demand.
- Expiratory Threshold management allows you to provide timely breath cycling-off in spite of leaks that can disrupt end-inspiratory synchrony during Pressure Support.
- Breathing circuit easily accommodates a simple anesthesia-style mask.

Newport MEDICAL

HTe360US-NIV Rev. A 1208
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