

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 **one** 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 2 limb breathing circuit
- Non-vented mask with a head gear

Ventilation Settings for Pressure Targeted, “BiPAP-style” Ventilation:

A/CMV Mode

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)
	<ul style="list-style-type: none"> • 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)

CPAP (SPONT) Mode

BiPAP-Style Device	e360 Ventilator
P-high	Set Pressure Support (PEEP + Pressure Support = P-high)
P-low	Set PEEP
	<ul style="list-style-type: none"> • 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.
- Automatic Slope/Rise adjusts flow/pressure rise to meet the needs of changing patient inspiratory demand and changing leak.
- FlexCycle automatically adjusts the Expiratory Threshold setting to provide timely breath cycling-off in spite of leaks that often disrupt end-inspiratory synchrony with Pressure Support.
- Breathing circuit easily accommodates a simple anesthesia-style mask.