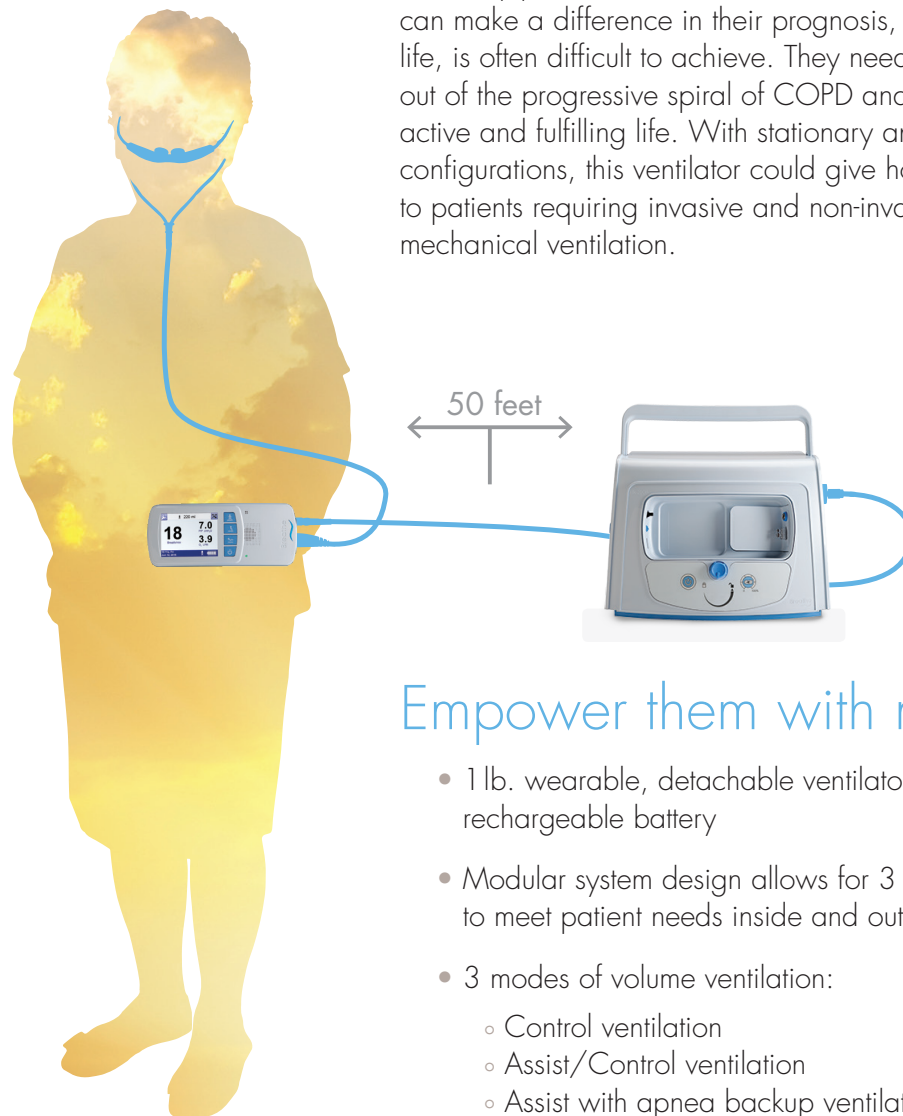


Product Backgrounder

Life2000™
Ventilation System



Designed to help adult COPD patients meet their respiratory needs, without sacrificing mobility and daily activities

Making ventilation livABLE

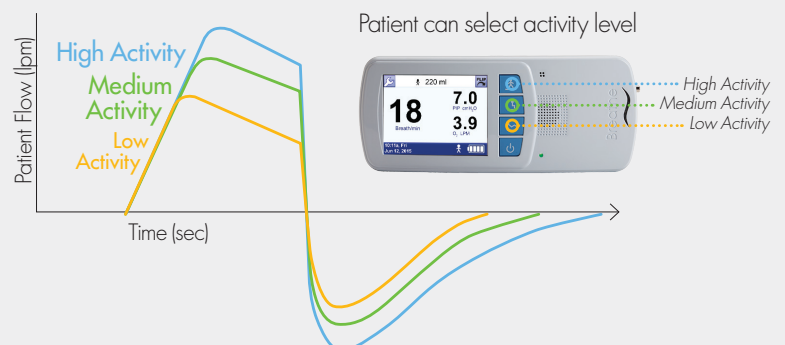
For many patients, the small amounts of activity that can make a difference in their prognosis, and quality of life, is often difficult to achieve. They need help to step out of the progressive spiral of COPD and live a more active and fulfilling life. With stationary and wearable configurations, this ventilator could give hope to patients requiring invasive and non-invasive mechanical ventilation.

Empower them with mobility

- 1 lb. wearable, detachable ventilator with rechargeable battery
- Modular system design allows for 3 configurations to meet patient needs inside and outside the home
- 3 modes of volume ventilation:
 - Control ventilation
 - Assist/Control ventilation
 - Assist with apnea backup ventilation

Volume delivery that keeps pace with every step

- **Proportional Open Ventilation (POV)** provides support that is proportional to the patient's breathing effort and does not restrict active patients
- **POV synchronizes volume delivery** by detecting patient's breathing via sensor ports on the interfaces
- **3 clinician-defined, patient-selectable activities/prescriptions**





**Stationary—
Inside the home**
(With or without O₂ concentrator)



**Wearable—
Inside the home**
(Up to 50 ft. of tubing)



**Wearable—
Outside the home**
(O₂ external pressure source)

Consider for adult patients living with COPD who have:

Chronic hypercapnia or a reduced pulmonary function test (PFT)

And demonstrate any of the following:

- A history of exacerbations
- Reduced oxygen saturation (SpO₂) with minimal exercise
- Dyspnea that impacts ADLs
- Would benefit from ventilation, but want freedom of activity

*The data presented is reflective of studies performed on open ventilation technology

References:

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4. Porszasz J, Cao R, Morishige R, et al. Physiologic effects of an ambulatory ventilation system in COPD. *Am J Respir Crit Care Med*. 2013;188(3):334-342.
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7. Morishige R, Farberow K, MacIntyre N. Health care utilization and respiratory status following the addition of a portable noninvasive open ventilator (NIOV) to the treatment regimen. *Chest*. 2015; 148(4 Meeting Abstracts):908A.

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The Breathe Technologies Life2000 Ventilation System consists of three components: Life2000 Ventilator, Life2000 Compressor, and related accessories.

The HCPCS ventilator codes assigned to the Life2000 Ventilation System, E0465 and E0466, may only be used when all three components are provided and used together. If the Life2000 Ventilator or the Life2000 Compressor are used alone, code A9900 must be used.

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Clinical results*

- **85% improvement** in ability to perform activities of daily living (ADLs)¹
- More than **50% reduction** in patient-reported CAT and mMRC scores²
- Up to **70% reduction** in work of breathing (WOB)³
- **46% reduction** in accessory respiratory muscle activation⁴
- **28% reduction** in Borg Dyspnea Scale⁴
- **54% increase** in exercise endurance from **11.4 to 17.5 minutes**, (p<0.001)⁴
- **34- to 73-meter improvement** in 6MWT distance^{5,6}
- **79% mean reduction** in healthcare costs and utilization, such as inpatient admissions and mechanical ventilation days⁷

Breathe™
