

Achieva

PORTABLE VENTILATOR

Specifications

Setting Parameters

- Mode: Assist/Control, SIMV, SPON
- Volume: Adjustable from 50 to 2200 mL (1750 mL SIMV)
- Inspiratory Time: Set time from 0.2 to 5.0 seconds
- Sensitivity: Set flow from 3 to 25 L/min. Set pressure to Off, or from 1 to 15 cm H₂O/hPa
- Breath Rate: Set breathing rate: 1 to 80 BPM
- Pressure: Set for 0 to 50 cm H₂O/hPa
- PEEP: Set for 0 and 3 to 20 cm H₂O/hPa
- Low Pressure: Set for 1 to 59 cm H₂O/hPa
- High Pressure: Set for 2 to 80 cm H₂O/hPa
- O₂ Level: Set 21% to 100%
- Flow: 2.0 L/min to 150 L/min (averaged)

Alarms

- Low Pressure/Apnea, High Pressure, Setting Error, Power Switchover, Low Power, O₂ Failure

Alerts

- External Battery, Internal Battery, Battery Charge, Alarm Control, Assist/Spontaneous

Front Panel Controls/Connections

- Alarm Silence/Reset, Battery Test, Standby, Ventilate, Menu/Esc, Start/Enter, Up and Down Arrow Keys, Patient Pressure Port, Patient Air Port: 22 mm O.D./15 mm I.D. and Exhalation Valve Port

Rear Panel Components

- Inlet Filter, External Battery, Communication Port (RS232), Remote Alarm, Nurse Call Port, Modem Jack, Power Entry Module and O₂ Port: 9/16-18, DISS 1240 THD

Physical Characteristics

- Dimensions: 10.75 in H x 13.30 in W x 15.60 in D (27.3 cm x 33.8 cm x 39.6 cm)
- Weight: Less than 32 lb

Environment

- Operating: 5°C to 40°C (41°F to 104°F), 10% to 90% RH noncondensing
- Operating Altitude: Set from 0 to 4500 m
- Storage: -20°C to 50°C (-4°F to 122°F), 10% to 90% RH noncondensing; allow at least 1 hour temperature stabilization before use when moving from nonoperating to operating environment; the battery must be recharged every 30 days

Electrical Characteristics

- Power Line: 100-240 VAC, 50/60 Hz, universal AC input
- Power Usage: Maximum: 75 W
Nominal: 10 W
- Internal Battery: At least 4 hours operation under normal load; backup use only
- Optional External Battery: Approx. 20 hours operation under normal load

tyco

Healthcare

**Puritan
Bennett**

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Note: Use only Puritan
Bennett-approved acces-
sories with the ventilators.

Specifications subject to
change without notice.

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A.g 2007-0804
PV02200

Ordering Information

Description	Catalog Number
Achieva PS Portable Ventilator	Y-ACHPS+E
Achieva PSO ₂ Portable Ventilator (includes internal O ₂ blender)	Y-ACHPSO2+E*

Required Accessories

Reusable Adult Circuit—metal	Y-6267
Reusable Adult Circuit—plastic	Y-6268
Disposable Adult Circuit	Y-6463
Disposable Pediatric Circuit	Y-6464
Flat Pak Air Inlet Filter	Y-6109
Bacteria Filter (disposable)	L-006197-000

Optional Accessories

Ventilator Cart	Y-6441-ACH
410 Respiratory Humidifier	L-410
External Battery Pack	Y-CGVP24
Exhalation Valve	Y-6353
Remote Alarm	L-6217
O ₂ Enrichment Kit	L-6202
Trach Support Arm w/ Fisher & Paykel bracket	L-6861
Ventilator Wheelchair Tray	Y-102064-00

* Available only in the U.S and Canada.

ONE TOUGH LITTLE VENTILATOR.



“ I live a very busy life and my ventilator gets bumped and jostled when I'm traveling on bumpy surfaces. Some of my friends have had reliability issues with laptop ventilators, but I haven't had any problems with the Achieva. ”

Adam Blasucci, Age 27
Burlington County College
Pemberton, NJ

Achieva[®]
PORTABLE VENTILATOR



ACHIEVA® PORTABLE VENTILATOR

Give Your Patients Peace of Mind

Reliability on the Go

The *Achieva*® Portable Ventilator from Puritan Bennett is a tough little ventilator with a track record for reliable operation. And what could be more important for ventilator-dependent patients? The sturdy, yet compact *Achieva* Portable Ventilator is designed for mobility. Its long battery life offers flexibility at home and away.

Versatile Ventilation Modes

You can meet diverse patient needs with the *Achieva* Portable Ventilator. It has volume and pressure-control modes as well as pressure support to enhance patient comfort and synchrony. Additional features for fine-tuning breath delivery include:

- Flow Acceleration Limit—eases demand flow for infant and pediatric patients in pressure control and pressure support modes.
- Expiratory Sensitivity—enhances patient-ventilator synchrony in pressure support mode.

The *Achieva* Portable Ventilator can be used with infant through adult patients. In addition to homecare use, it is ideal in a variety of healthcare settings, including subacute care and rehabilitation facilities.



Reliability is just one of many reasons Adam Blasucci chose the Achieva Portable Ventilator.

Adam has Duchenne's muscular dystrophy but does not let his need for a wheelchair and ventilator keep him home. He takes classes at a local college and goes to movies and the mall regularly. In addition to its exceptional reliability, Adam appreciates many other aspects of the *Achieva* Portable Ventilator.

Portability

"I feel very secure with the Achieva ventilator—I've never had problems using it outside the house. I just make sure I have enough power by keeping the external battery charged. Having the ventilator and battery attached to my wheelchair doesn't affect my mobility."

Breathing Comfort

"I especially like my ability to breathe more naturally with the Achieva ventilator. If I were to rate my comfort level I would give the Achieva a 10. My PEEP level is more stable on the Achieva, which makes me feel more comfortable, especially for sleeping."

Ease of Speech

"I can speak more smoothly because I don't have to stop midsentence to catch a breath. Also, the Achieva ventilator doesn't interfere with my voice recognition software, which is sensitive to background noise."

Simple Operation

"My nurses, parents and I all prefer the touchpad and digital readouts on the Achieva. Ventilator settings are easy to read and cannot be accidentally changed when someone inadvertently bumps the knobs."

Achieva Portable Ventilator Features

- Volume, pressure control and pressure support modes.
- Compact design with long battery life: 4-hour internal and 20-hour optional external battery.
- Simple, logical controls with internal dial-in PEEP and O₂ blending option.
- User-selectable apnea backup allows clinicians to choose the most appropriate settings.
- Report Generator Software enables remote troubleshooting and more efficient patient outcomes management.



Puritan Bennett is the industry leader in mechanical ventilation, with over four decades of ventilator innovation.

For more information call 1-800-635-5267 or visit www.puritanbennett.com.