

## 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 H<sub>2</sub>O/hPa
- Breath Rate: Set breathing rate: 1 to 80 BPM
- Pressure: Set for 0 to 50 cm H<sub>2</sub>O/hPa
- PEEP: Set for 0 and 3 to 20 cm H<sub>2</sub>O/hPa
- Low Pressure: Set for 1 to 59 cm H<sub>2</sub>O/hPa
- High Pressure: Set for 2 to 80 cm H<sub>2</sub>O/hPa
- O<sub>2</sub> 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, O<sub>2</sub> 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 O<sub>2</sub> 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**

#### Ordering Information

Description	Catalog Number
Achieva PS Portable Ventilator	Y-ACHPS+E
Achieva PSO <sub>2</sub> Portable Ventilator (includes internal O <sub>2</sub> 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 <sub>2</sub> 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**<sup>®</sup>  
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

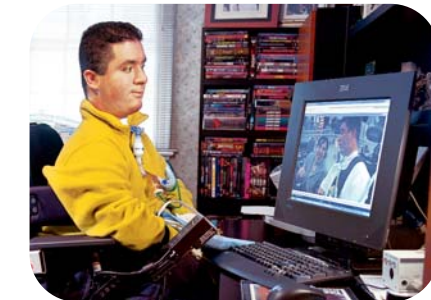
*"I can speak more smoothly because I don't have to stop midsentence to catch a breath. Also, the Achieva ventilator doesn't interfere with my voice recognition software, which is sensitive to background noise."*

### 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 O<sub>2</sub> 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.**

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**#903 9TH FLOOR PHILFLEX BAY CENTER,  
CORAL WAY DRIVE, PASAY CITY**

**# 8-461-3468 / 0917 728 0229**

**info@southsidebiomedical.com**