PURITAN BENNETT® ACHIEVA® PORTABLE VENTILATOR

- Provides positive pressure support for a variety of clinical conditions for pediatric and adult patients.
- Portable, lightweight and compact
- Internal modem facilitates remote data transfer.
- Easy to operate and convenient to use

Typical Manufacturer’s Picture

Power Line
100-240 VAC, 50/60 Hz, universal AC input

Power Usage
- Maximum: 75 W
- Nominal: 10 W
- External Battery: Approx. 20 hours operation under normal load
- Internal Battery: At least 4 hours operation under normal load; backup use only

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.
- Exhalation Valve Port

Setting Parameters
- Mode: Assist/Control, SIMV, SPON
- Operating Altitude: Set from 0 to 4500 m
- Tidal Volume: 50 to 2200 mL (1750 mL SIMV)
- Inspiratory Time: 0.2 to 5.0 seconds
- Sensitivity:
  - Inspiratory: Flow trigger: 3 to 25 LPM. Pressure trigger: 1 to 15 cm H₂O.
  - Expiratory: Percent change in peak inspiratory flow: 55% to 15%
- Breath Rate: 1 to 80 BPM
- Apnea Backup: Select YES or NO (SPON mode)
- Pressure: 0 to 50 cm H₂O
- PEEP: 0 and 3 to 20 cm H₂O

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Rev 1 3/04
Low Pressure Alarm: 1 to 59 cm H₂O
High Pressure Limit: 2 to 80 cm H₂O
O₂ Level: 21% to 100%

**Displayed Measure Values**
- Volume (Peak)
- Inspiratory Time
- Flow (Peak)
- Sensitivity: Displays which trigger criteria was met to initiate inspiration
- Breath Rate
- Pressure (Peak)
- PEEP
- I:E Ratio

**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

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

**Dimensions**
- 10.75" H x 13.30" W x 15.60" D
  (27.3 cm x 33.8 cm x 39.6 cm)

**Weight**
- Less than 32 lb

**Resistance Factor**
- Maximum of 4.5 cm H₂O at 60 LPM

**Emergency Pressure Relief**
- Approx. 90 ± 10 cm H₂O

**Flow**
- 2.0 LPM to 150 LPM (averaged)

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The technical data given in this publication are for general information and are subject to change without notice.