



## DeVilbiss 5 Liter Compact Concentrator

**34% more compact** than traditional 5 liter units.

The **newest addition to the DeVilbiss family** of oxygen concentrators features an attractive minimalist design that is far **less obtrusive in a patient's home**.

But while the design is new, the DeVilbiss 5 Liter Compact Concentrator incorporates many of the **field-proven internal components** featured in popular DeVilbiss models including the 515A or 303 Concentrators – more than 70% in fact, to **facilitate maintenance and repair**.

Plus, this new compact concentrator provides **unmatched performance, patient safety and ease of use**.



DeVilbiss 5 Liter Compact Concentrator  
with Oxygen Sensing Device  
Model 525DS

### Performance and Design Features

- **Exclusive DeVilbiss OSD (Oxygen Sensing Device)** standard on every unit – increases accuracy and reliability for longer service intervals
- **Noticeably quiet** operation
- Readily **accessible patient controls** and protected cannula fitting
- **Two-year dealer service interval\***
- Recessed humidifier nook prevents damage
- **Easy to assemble/disassemble** two-piece cabinet for ease of maintenance
- Lockable flow meter

## Performance and Design Features (cont'd)

- **Low flow meter** available
- Convenient top and side handles for **easy transport**
- Accommodates up to a **50-foot tubing and 7-foot cannula**
- Interfaces with **DeVilbiss SmartTrack® Concentrator Management System** which:
  - Performs in-depth concentrator check in 2/3 time
  - Input patient data and downloads critical equipment information
- Robust design for **improved durability**
  - Unit tested in high temperature and high humidity for extended periods of time
  - Proprietary sieve mixture, fill process, and assembly
- **Intake filter features a translucent back** to allow technician to quickly determine if the filter is dirty
- Proven rotary valve design

## Exclusive DeVilbiss Turn-Down Technology

- The system automatically turns down its flow cycle below 2-1/2 lpm, resulting in a **35% reduction in system pressure to reduce stress** on compressor bearings and internal fittings
- Energy-efficient design **reduces power consumption** by 15% or more compared with competitive designs to save patients an average of \$100 in electricity costs annually
- May minimize wear on internal components thereby extending the life of concentrator

## Accessories

The accessories below are approved for use with DeVilbiss Oxygen Concentrators:

Bubble Humidifier (200 ml capacity) - 50/case	HUM16
Cannula (disposable) - 50/case	CAN00
Cannula w/ 2.1 m (7 ft) Oxygen Tubing (disposable) - 50/case	CAN70
Oxygen Outlet Connector - Plastic - 1/pack	CN100
Oxygen Tubing (disposable)	
• 2.1 m (7 ft) - 50/case	OST07
• 4.2 m (14 ft) - 50/case	OST15
• 7.5 m (25 ft) - 25/case	OST25
• 15 m (50 ft) - 15/case	OST50

NOTE - The use of certain humidifiers and accessories not specified above may impair the oxygen concentrator's performance.

NOTE - A maximum of 50 feet (15 meters) of tubing plus 7 feet (2.1 meters) of cannula plus a bubble humidifier is allowed between the concentrator and the patient.

## Safety Features

- Capacitor-powered alarms do not require a battery – **reducing service and maintenance.**
- Pressure-compensated flow meter to ensure **accurate flow display**
- Pressure-relief valve and thermal protection on the compressor
- **Flame-retardant** cabinet
- **Double insulated** unit; two-prong plug

## Technical Specifications

\*Based on average use of 5000 hours per year

<b>Outlet Pressure</b>	8.5 PSIG (58.6 kPa)	<b>Sound Level</b> (ISO 8359:1996 from front)	48 dbA overall average
<b>Oxygen Purity</b>	93% at 1-5 lpm (+/- 3%)	<b>Power Consumption</b>	310 W (270 W at 2.5 lpm or less)
<b>Delivery Rate</b> (Lower delivery rates available for low flow applications)	1 to 5 LPM	<b>Product Dimensions</b>	24.5" H x 13.5" W x 12" D (62.2 cm x 34.2 cm x 30.4 cm)
<b>Maximum Recommended Flow</b> (at nominal outlet pressures of zero and 7 kPa)	5 LPM	<b>Product Weight</b>	36 lbs. (16.3 kg)
<b>Operating Altitude (tested at 21°C only)</b> 0-1500 M (0-4921 ft)	Across the voltage range: No degradation of performance	<b>Alarms</b>	Audible and visual High/low pressure, low flow, low oxygen, power fail, Oxygen Sensing Device
1500-4000 M (4921-13123 ft)	Tested at nominal voltage only: No degradation of performance	<b>Compressor</b>	DeVilbiss GSE long life
		<b>Warranty</b>	5 years



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