

# PulmO2

## A New Generation of Oxygen Concentrator Fit for Purpose Worldwide



### TECHNICAL SPECIFICATIONS

Dimensions (H x W x L)	70.5 cm x 40.6 cm x 35.6 cm
Weight	24.4 kg
Oxygen Output	93-6+3 %
Flowrate	1 to 10 L/min
Outlet Pressure	8.5 psi
Measured Sound Level	< 60 dBA (Setting 3)
Electrical Ratings	100 to 240VAC 50/60 Hz
Operating Temperature Range	+ 5 °C to + 40 °C (41 °F to 104°F)
Operating Atmospheric Pressure Range	0 - 2000 m (795 hPa to 1013 hPa)
Operating Humidity Range	15 % to 95 %, non-condensing

Drive DeVilbiss Healthcare partnered with Sanrai International to develop an oxygen concentrator designed to be energy efficient, resilient, and adapted to a clinical environment.

#### Energy Efficient

The biggest cost over the lifetime of running an oxygen concentrator is energy consumption. The PulmO2 saves up to 64 % of energy required. Using a DC compressor, the PulmO2 achieves variable power consumption, meaning the device only uses as much energy as needed for each flow rate. The PulmO2 is also built for solar power with reduced energy consumption and a low inrush start up current requirement.

#### Resilient and Robust

Critical components like sieve beds wear out faster with short periods of usage. The PulmO2 has check valves and shut off valves to protect internal components from environmental elements every time the device is turned off. Therefore, PulmO2 is designed for consistent and regular use in more extreme environments.

#### User Friendly

Designed with input from clinicians in healthcare settings, PulmO2 has an easy to understand front panel with alarms and indicators for quick reference. Helpful information to operate the unit and basic maintenance can be found directly on the device and via QR code with easy to follow videos. Information is available in multiple languages.

#### Features

- Energy efficiency - saves up to 64 % energy required
- Soft start up, solar power friendly
- DC Compressor allowing a wide AC voltage range of 100 - 240 VAC 50/60Hz
- Designed to operate & store in simultaneously hot, humid, and higher altitude environments
- Multi-language labeling on product and QR codes for easy access to useful information
- Easy to service with indicators for filter changing, cleaning, and maintenance

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