

Glossary

OXYGEN CONCENTRATORS

Oxygen concentrators are electronically operated devices that separate oxygen from ambient air to provide an enriched oxygen mixture to the patient. Oxygen therapy is the administration of oxygen at concentrations greater than that in ambient air with the intent of treating or preventing the symptoms and manifestations of hypoxia.¹

TYPES OF OXYGEN CONCENTRATORS

Stationary

- Appropriate for more sedentary residents
- Large equipment, not as easy to move around
- Higher LPM flow rates
- AC or DC powered

Portable

- Appropriate for more active residents
- Light, portable
- Lower LPM flow rates
- Battery, AC, or DC power options for resident convenience

FLOW RATES

Pertains to the amount of oxygen provided for the patient's prescribed requirements. Flow rates are measured by delivered liters per minute (LPM).

OXYGEN PURITY

Purity has to do with the concentration or amount of oxygen in the air as opposed to other gases. With concentrators, high purity is generally considered to be 90-99%.

OXYGEN PRESSURE

Concentrators can produce oxygen continuously or on demand.

Continuous Flow

Concentrator produces oxygen continuously whether the user is breathing (inhaling) or not. All home/stationary concentrators provide a continuous flow of oxygen.

On-Demand

Sometimes called pulse or pulse flow, means that the concentrator produces oxygen only when it is triggered by the user's inhalation (breathing in).

SOUND LEVEL

Most concentrators produce a low hum that can be measured in decibels not much louder than a refrigerator when it starts and much quieter than the average dishwasher. Usually considered a lesser factor in the concentrator selection process.

Questions to Determine the Best Fit for the Resident

- What has the resident's physician prescribed as the appropriate liter flow rate for his or her condition?
- Does the resident stay home most of the time, or is he or she always on the go?
- When the resident does go out, is it for short periods of time or for several hours?





See our full-line Catalog V64, page 1781-1791, and our Healthcare Catalog V9, pages 100-110, for our complete selection of respiratory equipment and repair products.



¹American College of Chest Physicians, National Heart, Lung and Blood Institute. National Conference on Oxygen Therapy. Chest 1984;86:234-247.



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|-------------------------|---|--|
| BRAND |  Yes, you can.® | |
| PRODUCT NAME | PerfectO ₂ V Oxygen Concentrator | |
| TYPE | Stationary | |
| FLOW RATE | 1/2 To 5 LPM | |
| O ₂ PURITY% | 87% To 95.6% | |
| O ₂ PRESSURE | 5 PSI | |
| POWER CONSUMPTION | 325W | |
| SOUND LEVEL | 43 dB | |
| DIMENSIONS | 23H x 13W x 11-1/2"D | |
| WEIGHT | 39 Lbs | |
| WARRANTY | 3-Year Limited | |
| SPECIAL FEATURES | Includes SensO ₂ oxygen monitor; 25,000-hour rated compressor life | |
| FREE DELIVERY | Yes, Next-Day | |
| SKU | 603976 | |

| | | |
|-------------------------|---|---|
| BRAND |  Yes, you can.® | |
| PRODUCT NAME | Platinum 10 Oxygen Concentrator | Platinum 10 Oxygen Concentrator with SensO ₂ |
| TYPE | Stationary | Stationary |
| FLOW RATE | 2 To 10 LPM | 2 To 10 LPM |
| O ₂ PURITY% | 87% To 84% | 87% To 84% |
| O ₂ PRESSURE | 9 ± 0.5 PSI | 9 ± 0.5 PSI |
| POWER CONSUMPTION | 585W | 585W |
| SOUND LEVEL | 58 dB | 58 dB |
| DIMENSIONS | 26-3/8H x 18-3/8W x 14-3/8"D | 26-3/8H x 18-3/8W x 14-3/8"D |
| WEIGHT | 54 Lbs | 54 Lbs |
| WARRANTY | 3-Year Limited | 3-Year Limited |
| SPECIAL FEATURES | 10 LPM flow rate for high-flow residents; 35 PSI pressure-relief valve | Includes SensO ₂ oxygen monitor; 10 LPM flow rate for high-flow residents; 35 PSI pressure-relief valve |
| FREE DELIVERY | Yes, Next-Day | Yes, Next-Day |
| SKU | 600191 | 600192 |

HD Supply also carries a wide selection of concentrator and suction repair items, including tubing, filters, and more, that offer compatibility with industry-leading brands such as Invacare, AirSep, Respironics, DeVilbiss, Puritan Bennett, Precision Medical, and Schuco. Visit hdsupplysolutions.com to see our full offering.