

OXYGEN CONCENTRATOR

Oxygen, a gas found in the air we breathe, is necessary for human life. Some people with breathing disorders can't get enough oxygen naturally. They may need supplemental oxygen, or oxygen therapy. People who receive oxygen therapy often see improved energy levels and sleep, and better quality of life. Oxygen therapy is prescribed for people who can't get enough oxygen on their own. This is often because of lung conditions, that prevents the lungs from absorbing oxygen, including:

- Chronic obstructive pulmonary disease (COPD)
- Pneumonia
- Asthma
- Heart failure
- Sleep apnea
- Lung disease
- Trauma to the respiratory system

Some people need oxygen therapy all the time, while others need it only occasionally or in certain situations. Some oxygen therapy is done at a doctor's office, and other times people have an oxygen supply in their homes, or a portable oxygen system. Oxygen Concentrators devices produce the equivalent of one to five liters per minute of continuous oxygen flow and they use some version of pulse flow or "demand flow" to deliver oxygen only when the patient is inhaling.