

ELOXY TECHNOLOGY

Group of Eltech Ozone and Eltech Engineers Pvt Ltd



What does an oxygen concentrator do?

An oxygen concentrator is a device that concentrates the oxygen from a gas supply (typically ambient air) by selectively removing nitrogen to supply an oxygen-enriched product gas stream.



Why would you use an oxygen concentrator?

The oxygen concentrator takes air in and purifies it for use by individuals who require medical oxygen because of low levels of oxygen in their blood.

Applications :

1 Oxygen therapy for respiratory diseases. Inhaling oxygen with our oxygen equipment will help relieve symptoms of trachitis, bronchitis, asthma, pulmonary emphysema, etc



2. Old Age

Senior citizens use our oxygen concentrator to inhale oxygen so as to prevent vascular sclerosis, Alzheimer disease, insomnia, vertigo and geriatric syndrome



3. Pregnant woman.

Our oxygen generation plant is suitable for pregnant woman since inhaling oxygen will help both the mother and the baby get enough oxygen and prevent premature delivery and avoid fetal distress

4. Oxygen therapy for cardiovascular and cerebrovascular disease. Our oxygen gas generator can be used for the adjuvant therapy for coronary heart disease, high blood pressure, heart failure, heart disease, cerebral thrombosis, cerebral anoxia, migraine and vertigo.



5. Business man. This home health care oxygen concentrator is suitable for business man to inhale oxygen to relieve brain fatigue, improve sleep, and enhance immunity and avoid sub-health



6. Students using our oxygen producing machine to supplement oxygen will help students keep their brains active so as to improve their school achievements.

TECHNICAL SPECIFICATIONS :

TECHNICAL SPECIFICATION OF OXYGEN CONCENTRATOR 5 LPM

FEATURES:

- o Quiet Operation- less than 48Db
- o Light weight- 50 lbs. Easy to Transport and Maneuver
- o Superior grade of molecular sieve
- o Exclusive Moisture Reducing Wick Assembly
- o Spring mounted High Efficiency Thomas Nexus Compressor
- o Patented RSPA Technology
- o Design so simple it does its job with 1/3 fewer parts than the previous model.

SPECIFICATION:

| SPECIFICATION: | ELOXY - 5 LPM |
|---------------------------|---|
| Electrical Requirement | 230 Volt - 50/60Hz |
| Flow Delivery Rate- | 0 to 5 LPM |
| Oxygen Concentration- | 95% ± 3% |
| Power Consumption- | 350 Watts |
| Operating Pressure (Mpa)- | 0.04 – 0.07 |
| Oxygen Monitoring System- | Only Model Available |
| | Power Failure |
| | Process Failure |
| | High Pressure / Low Pressure |
| | Low Oxygen Concentration (OMS MODEL) |
| Safety Alarms & Features- | Current overload or line surge shutdown |
| | Thermal Switch |
| | Optional: temperature; low purity |
| Filters- | Cabinet, Compressor Intake & Bacteria |
| Battery- | 9 Volt |
| Weight | < 19 kg |
| Dimensions- | 365mm L x 375mm W x 600mm H |
| Operating Environment | Ambient Temperature: 50°F to 100°F (10°C to 40°C) |
| | Humidity: 15% to 95%, non - condensing |
| Storage Range | Temperature: 0°F to 140°F (20°C to 60°C) |
| | Humidity: 15% to 95%, non - condensing |



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A-417, Diamond Industrial Estate, Ketki Pada, Near Toll Naka, Dahisar East, Mumbai - 400068. Contact: +9198204 88050 / +91 98679 90727

Email : eloxytechnology@gmail.com . WEB : www.eloxy.in

YouTube - Eloxy Technology

Instagram - Eloxy Technology