CAP-O V series medical molecular sieve oxygen generation system Oxygen concentration ≥ 93%

energy consumption as low as 0.7kwh/Nm³

CAP-O V series medical molecular sieve oxygen generation system uses zeolite molecular sieve as adsorbent, utilizes the difference in the adsorption amount of oxygen and nitrogen in compressed air on the molecular sieve surface, and adopts low-pressure adsorption and negative pressure desorption (VSA) technology to directly produce product oxygen from compressed air.

Product features

- Oxygen concentration: ≥ 93%
- Compliance: Meets and exceeds YY1468-2016 standards for medical gas pipeline oxygen concentrator supply systems
- Fully oil-free design: Utilizes an oil-free variable frequency compressor ensuring clean, pollution-free gas
- Advanced technology: Low-pressure adsorption and negative pressure desorption prevent molecular sieve pulverization
- Energy efficient: Produces 1m³ of oxygen with as low as 0.7KWh of energy consumption
- Cost-effective maintenance: Reduces costs by over 50% compared to traditional oxygen production systems
- Intelligent monitoring: Optional CANBUS local multi-function monitoring and Wi-Ctrl remote wireless monitoring systems enable real-time tracking and remote upgrades
- Durable aesthetics: Powder electrostatic spraying provides a beautiful and long-lasting finish

Technical specification

Model	Oxygen purity（Nm³/h）	Oxygen flow rate（%）	Oxygen pressure（MPa）
CAP-O-300V	1~5	≥93	≥0.4
CAP-O-400V	6~11	≥93	≥0.4
CAP-O-600V	12~16	≥93	≥0.4
CAP-O-900V	17~24	≥93	≥0.4
CAP-O-1300V	25~35	≥93	≥0.4
CAP-O-1800V	36~48	≥93	≥0.4
CAP-O-2200V	49~62	≥93	≥0.4

※ Above models of medical molecular sieve oxygen generator systems are approved by the state. For other specifications, please contact us. ※

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