

NEWTEK GROUP

Aluminum Modular Oxygen Plant

Lightweight modular PSA oxygen solution for transport, expansion and fast deployment.

Modular

Lightweight

Expandable



Product Brochure 2026

www.newtekgas.com

Modular design makes oxygen projects easier.

A compact aluminum module helps buyers move faster from purchase to oxygen supply.



Shorter project path

A pre-integrated module reduces site work and coordination.



Cleaner layout

Generator, controls and adsorber structure are arranged as one package.



Better transport handling

Compact footprint supports loading, movement and storage.



Future expansion

Capacity can grow by adding modules as demand increases.

Lightweight structure, practical oxygen supply.

The aluminum modular format is designed for small and medium oxygen projects that need fast deployment.



Aluminum module

Lighter structure for transport and handling.



Compact footprint

Suitable for constrained equipment rooms.



Integrated control

Operator panel and gauges are easy to access.



Expandable capacity

Parallel modules can support future growth.



Standard PSA process

Stable 93% +/- 3% oxygen generation.



Easy service access

Open exterior structure supports inspection.

Technical configuration follows site demand.

Capacity and package scope are selected according to oxygen use, installation space and expansion plan.

Technology	PSA oxygen generation
Oxygen purity	93% +/- 3%
Structure	Aluminum modular adsorber package
Capacity	Project-specific modular configuration
Control	PLC / HMI panel with gauges and alarms
Expansion	Parallel modules for staged capacity growth
Applications	Clinics, small hospitals, laboratories and light industry



Compact modules simplify transport and movement.

The plant is designed as a transport-ready package for easier loading, storage and site positioning.



Factory assembly

Core module is pre-built before shipment.



Protected packing

Compact module supports safer loading.



Site positioning

Forklift-ready base helps move the unit.



Fast connection

Reduced on-site installation work.



Capacity can expand with additional modules.

A staged modular plan lets customers invest now and add capacity when oxygen demand grows.



Start with one module, then connect additional modules in parallel as demand increases.

A modular project is easier to install and service.

The package is designed to reduce installation uncertainty while keeping room for maintenance access.



Suitable for clinics, small hospitals, laboratories and projects where future capacity growth is expected.

NEWTEK GROUP

Build a lighter modular oxygen plant.

For modular, transport-ready and expandable PSA oxygen projects.

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