



YOUR SITE YOUR SYSTEM YOUR WAY

MEDICAL OXYGEN GENERATORS



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About Oxair

Oxair, is a global manufacturer of advanced gas separation systems, which specializes in the manufacture and supply of on-site PSA Oxygen generation plants to domestic and international markets. Our medical oxygen generator is designed with the highest possible standards complying with ISO 13485 standards and WHO technical specification for Oxygen PSA Plants.

Oxair Gas Systems India Pvt Ltd. has successfully supplied, installed and is operating turn-key and custom Medical Oxygen PSA units to the most prestigious hospitals in India and the sub-continent.

Since its inception, Oxair has installed over 237 plants in India and another 100 across the globe.

Unique Features

Our Oxygen PSA generating system delivers constant oxygen of $93\pm 3\%$ purity through PSA filtration, a unique process that separates oxygen from compressed air. The gas is then conditioned and filtered before being stored in a buffer tank to be piped directly into the hospital on demand.

We specialise in the supply of on-site gas generation equipment to the domestic and international markets. The systems we introduce enable medical facilities to be self-sufficient in generating the purest oxygen for years to come.

We design and manufacture Pressure Swing Adsorption (PSA) Medical oxygen plants and the capacity is sized as per the requirement of the hospitals existing facilities including Ventilators, OT's, ICU Beds, NICU, Anaesthesia Machines, CPAP/BiPAP Machines, Incubators, Hyperbaric Chambers, Ward Oxygen Beds etc.



Our Assurance



Lower running cost

Lower power consumption
Minimal Maintenance



Superior Valving & Piping

Air actuated process valve
All piping in SS



Turnkey or Custom

Full range of turnkey plants
Custom designed solutions



Service Support

Pan India support provided
24 x 7 service and support



Return on Investment

Assured ROI within 2 years
Value for money guaranteed

Standard Models - System Specifications

Model Number	Compressor Size(kW h)	Total Power Req (kW h)	Flow Rate (LPM)	m ³ / Hr	Equivalent Cylinders/day	Approx Footprint (sqft)	Max Height (ft)
OA 80	4	4.8	38	2.3	8	64	8
OA 120	5.5	6.6	60	3.4	12	64	8
OA 200	7.5	9	95	5.6	20	64	9
OA 320	11	13.2	150	9	30	78	7
OA 450	15	18	215	13.5	40	100	10
OA 550	18	21.6	260	15	55	240	11
OA 650	22	26.4	310	18	65	240	11
OA 800	26	31.2	380	21	75	240	11
OA 1050	30	36	500	28	95	400	13
OA 1250	37	44.4	590	35.4	120	400	13
OA 1500	45	54	710	42.5	135	400	15

High Performance Models - System Specifications

Model Number	Compressor Size(kW h)	Total Power Req (kW h)	Flow Rate (LPM)	m ³ / Hr	Equivalent Cylinders/day	Approx Footprint (sqft)	Max Height (ft)
OA120 HP	5.5	6.6	60	3.4	12	80	8
	5.5 + 5.5	13.2	120	6.8	24	80	8
OA200 HP	7.5	9	95	5.6	20	80	9
	7.5+7.5	18	190	11.2	40	80	9
OA 320 HP	11	13.2	150	9	30	100	7
	11+11	26.4	300	18	60	100	7
OA450 HP	15	18	215	13.5	40	125	10
	15+15	36	430	27	80	125	10
OA550 HP	18	23.4	260	15	55	300	11
	18+18	46.8	520	30	110	300	11
OA750 HP	26	31.2	355	21	75	300	11
	26+26	62.4	710	42	150	300	11

Super Saver Models - System Specifications

Model Number	Compressor Size(kW h)	Total Power Req (kW h)	Flow Rate (LPM)	m ³ / Hr	Equivalent Cylinders/day	Approx Footprint (sqft)	Max Height (ft)
OA160 SS	5.5	6.6	70	4.2	15	64	8
OA200 SS	7.5	9	120	7.2	25	64	9
OA320 SS	11	13.2	185	11	38	78	7
OA450 SS	15	18	250	15	52	100	10
OA550 SS	18	21.6	320	19.2	65	240	11

* Mean Sea Level Conditions Apply

* The specifications may vary slightly based on the atmospheric conditions at site

Advantage Oxair

Oxair designs are focused on customer requirements of reliability, ease of maintenance, safety, and plant self-protection.

Hospitals and medical facilities are dependent on safe and consistent delivery of the highest quality oxygen for patients. Our gas systems make hospitals self-reliant instead of relying on outsourced supplies.

Installing our PSA Oxygen Generators, ensures a dedicated and continuous supply of oxygen, negating the possibility of shortages and guaranteeing a constant flow of medical-grade oxygen to patients.

Our Oxygen generators are registered under the ISO 13485 standard, making them fully compliant for use in all healthcare facilities.

Benefits of Oxair

Cost Savings: Hospital will experience long-term financial gains by producing oxygen on-site and reducing its reliance on pricey external oxygen sources.

Sustainability: Our plants reduce carbon footprint associated with transport and production of oxygen cylinders, and minimize energy consumption.

Expertise: Our experts thoroughly assess requirements, infra, and space, to optimally customize and install, in adherence to industry and quality standards.

Maintenance Support: Our dedicated service team provides regular inspections, preventive maintenance, and also train hospital staff to ensure proper operation and maintenance.

Our Clientele



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