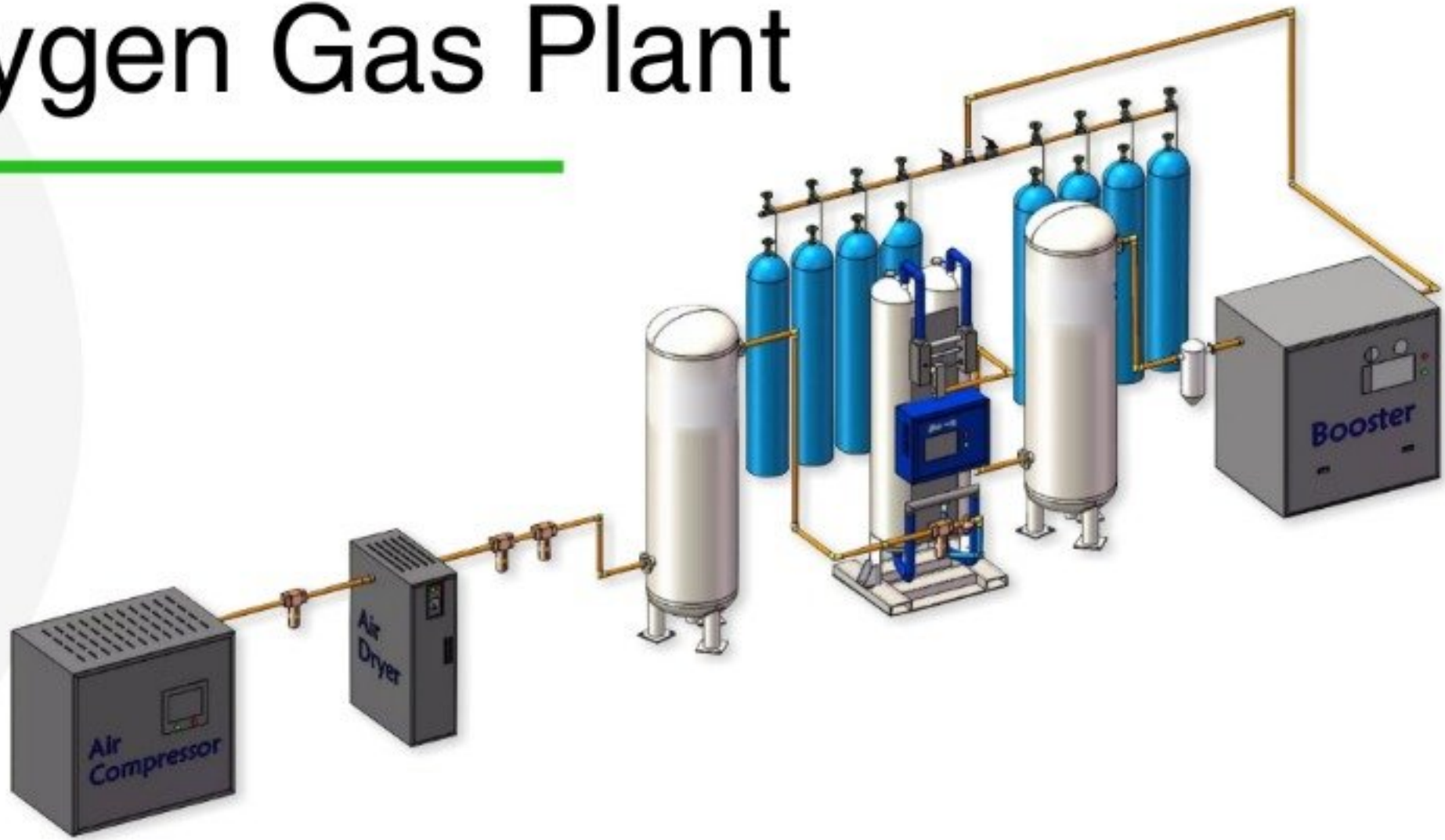




PSA Medical Oxygen Gas Plant



OXYGEN PURITY

Our medical oxygen generators are manufactured in accordance with ASME Code & it meets Indian Pharmacopeia Oxygen 93% requirement. It is Oxygen from air by Molecular Sieve process. "Oxygen 93%" contains not less than 90% Oxygen & not more than 96%, remainder consisting mostly of Argon and Nitrogen and thousands of such installations have proven these are safe for medical use.

OXYGEN PRESSURE

These fully automatic units produce pure oxygen at 5 bar pressure and is collected in a storage tank and then used through a pressure regulator at 4 bar pressure and delivered through the hospital pipeline. Pressure in Oxygen storage tank is continuously monitored and when the pressure falls below 3.5 bar, an alarm is sounded. Drop in pressure also activates the reserve supply system to be activated through the switchover panel.

FEATURES

- Oxygen is produced Onsite, instantaneously from ambient air freely available
- Onsite production means, no cylinder deliveries and no risk of Oxygen shortage
- No manpower needed for handling cylinders, a major safety advantage

MODELS

Model No.	Oxygen Generator Capacity			Suitable for Number of Beds			
	Nm ³ /hr	LPM	Equivalent Cylinders per day	3 LPM	5 LPM	10 LPM	15 LPM
SO-3	3	50	10	16	10	5	3
SO-5	5	83	15	27	16	8	5
SO-10	10	167	30	55	33	16	11
SO-15	15	250	50	83	50	25	16
SO-20	20	333	65	111	66	33	22
SO-25	25	416	85	138	83	41	27
SO-30	30	500	100	168	100	50	33
SO-40	40	667	135	222	133	66	44
SO-50	50	883	170	277	166	83	55
SO-60	60	1000	200	333	200	100	66
SO-75	75	1250	250	416	250	125	83
SO-100	100	1667	340	555	333	166	111



M/S S K ENGINEERING COMPANY

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