



## VALVE KIT

- Reputed make valves
- Highly Reliable and Longer Life
- Oxygen Lines are Fully Stainless-Steel/Copper material
- High Surface area Silencing Medium to meet the low noise level
- Easily serviceable due to low installation height

## PLC BASED DISPLAY

- 7" HMI display
- Oxygen Purity in %
- Oxygen Pressure in bar g
- Usage trend per day basis in graphical display
- Usage trend per 30 days basis in graphical display
- Plant or secondary source online status
- Running Hours
- Alarms
- Automatic changeover options if alarms comes



Model	Oxygen Flow		Equiv. Cylinder capacity	Air Compressor requirements		Requirements	
	lpm	cu.m/hr		KW	cfm	Room size in feet L X B X H	Power backup in KVA
MO 2	33	2	6	4	19	12 x 12 x 10	7.5
MO 3	50	3	10	5.5	28	17 x 16 x 15	10
MO 5	90	5.4	18	7.5	40	17 x 17 x 15	15
MO 9	150	9	30	11	72	19 x 17 x 15	20
MO 12	200	12	40	15	92	20 x 17 x 15	25
MO 14	240	14.4	50	18	120	22 x 17 x 16	35
MO 16	280	16.8	60	22	136	22 x 17 x 16	40
MO 24	400	24	85	30	194	26 x 18 x 16	50
MO 30	500	30	100	37	255	26 x 18 x 16	60
MO 34	580	34.8	125	45	290	28 x 18 x 16	75
MO 42	700	42	150	55	390	28 x 20 x 16	100
MO 58	980	58.8	220	75	515	32 x 22 x 16	125

\*For Higher capacity kindly reach to us through E-mail or Phone

### JCS AIR PRODUCTS

3/12, Sri Lakshmi Garden, VI Palayam  
kondayampalayam Road, Coimbatore, Tamil Nadu - 641 110

[www.jcsairproducts.in](http://www.jcsairproducts.in)

[sales@jcsairproducts.in](mailto:sales@jcsairproducts.in)

+91 95970 57208, +91 95971 08393



- On Site Oxygen Production
- No Explosion Risk
- Consistent Purity of 93±3% and pressure of >60 psi g
- Highly Reliable
- Less Operational Cost and faster payback
- Meets 70 to 80% of Oxygen Demand in Hospital
- Automated Failsafe System



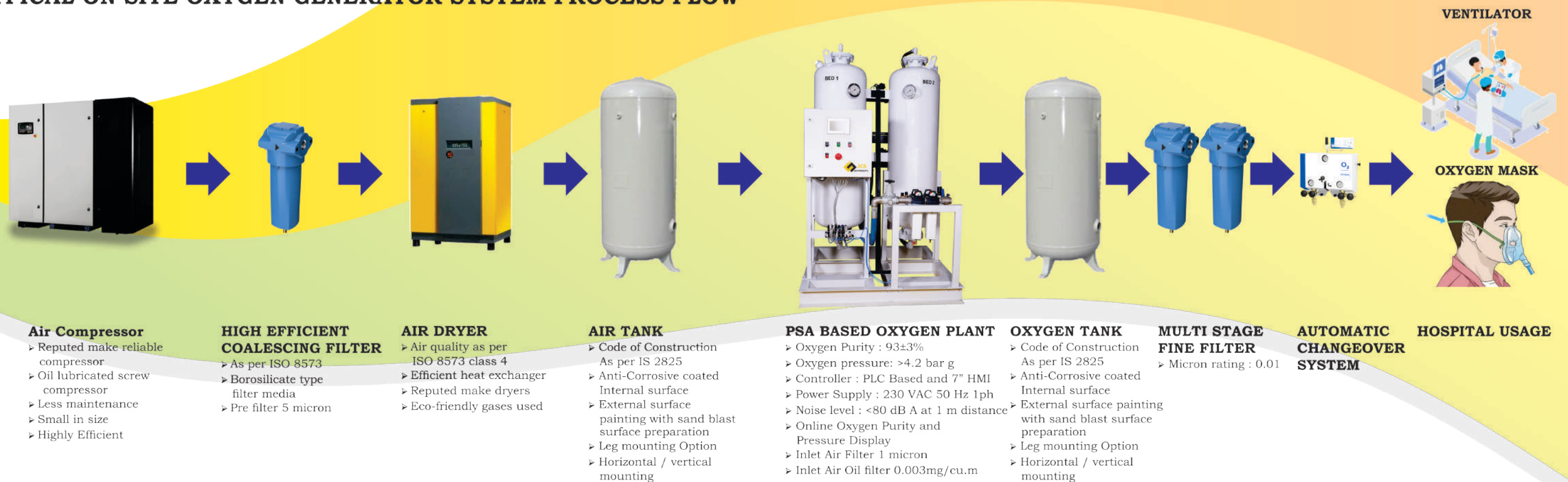
## ABOUT JCS OXYGEN GENERATOR

JCS Oxygen Generators are designed with maximum durability to deliver Oxygen supply around the clock with desired pressure and purity as per several international and national standards like as US Pharmacopeia, European Pharmacopeia Indian Pharmacopeia and Indian Health Ministry

## ABOUT PSA BASED OXYGEN GENERATING SYSTEM

The atmospheric air is sucked and delivered at high pressure by air compressor to air dryer. Air dryer removes moisture and multistage filters are used to remove liquid moisture, oil and fine particles. The oil and moisture free air is fed into sieve bed where zeolite sieves are filled. The sieves specifically adsorb nitrogen and allow oxygen molecules to pass through which enriches the oxygen concentration at the outlet. Oxygen enriched air is fed to hospital at desired pressure and purity.

## TYPICAL ON SITE OXYGEN GENERATOR SYSTEM PROCESS FLOW



## APPLICATIONS



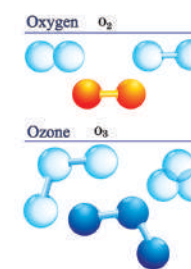
**Hospitals**



**Veterinary**



**Aquaculture**



**Ozone Generators**



**Glass Blowing**