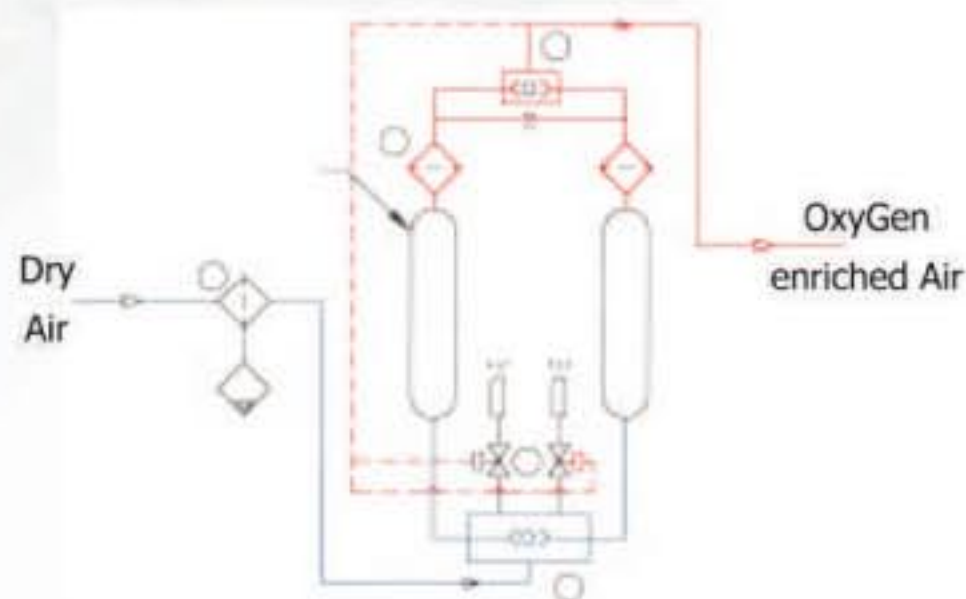


Lasting Value



OxyGen Generator

- Maximum working pressure : 5 to 7 bar (g)
- Air inlet condition : ISO 8573 - 1 : 2010 Class 1-4-1
- Pre filter rating : 0.3 micron
- Operating Voltage : 85-265 V AC, 50/60 Hz, 1ph



Working Principle

Air from the dryer is sent through the coalescing filter. Here water & Oil coalesces, gets purged through the auto drain valve.

Here uses two aluminum tower filled with molecular sieves to ensure continuous production. The dry air passes through the aluminum tower. Nitrogen is tied to a molecular sieve during building of pressure on aluminum tower and then the Oxygen is let out through the outlet port for use.

While pressure building on aluminum tower, second remains without pressure. A part of produced gas is used for the regeneration of the molecular sieves.

For OxyGen Zeolite type sieves is used and it will be fully regenerative.

Application

- Fish Forming
- Sewage Treatment
- Veterinary
- Welding and Brazing
- Battery manufacturing
- Cement and Lime Kilns
- Melting
- Pulp & Paper
- Mining & Gold Processing
- Bead Making, Lamp working, Glass blowing
- Ozone Generator
- Medical
- Rough Cutting
- Mini steel mills
- Metal spraying
- Furnace Enrichment
- Chemical oxidation
- Fermentation

Model	Air Requirements at inlet Cu.m/hr	Oxygen flow Cu.m/hr	End Connection (BSP)
OxyGen 12	10	0.7	1/2"
OxyGen 28	24	1.7	1/2"
OxyGen 42	36	2.5	1/2"
OxyGen 50	43	3	1/2"
OxyGen 80	71	5	1/2"
OxyGen 100	93	6.5	3/4"
OxyGen 160	143	10	1"
OxyGen 200	179	12.5	1"
OxyGen 280	243	17	1 1/2"
OxyGen 330	286	20	1 1/2"
OxyGen 450	386	27	1 1/2"
OxyGen 650	557	39	2"
OxyGen 915	786	55	2"
OxyGen 1100	943	66	2"
OxyGen 1330	1143	80	3"

Manufacturing Facility



Our Presence



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Our other Range of Products

- Time based Auto Drain Valve
- Level Sensing Auto Drain Valve
- Refrigeration Dryer
- Blower Reactivated Dryer
- Submicron Filter
- Oil Water Separator

