

LOX CONTROL PANEL



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FEATURES

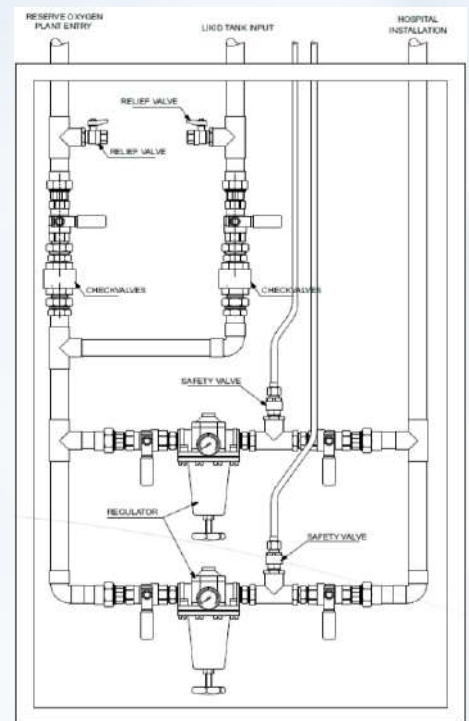
- Regulates the supply pressure of gaseous oxygen from a liquid oxygen tank and a standby cylinder manifold, and distributes the gas to the pipeline system.
- Panel comprises of two or more pressure regulators, pressure relief valves, isolation valves, pressure gauges.
- Inlet from liquid oxygen tank incorporates nonreturn valve to prevent back flow from standby manifold.
- Outlet incorporates line pressure gauge to warn of a change in the pressure of the pipeline.
- The design flow rate of the panel is maintained with one pressure regulator isolated. This ensures that maintenance can be performed on any one regulator without compromising continuity of the supply.
- All mechanical connections are provided with copper pipe stubs to enable installation utilising the fluxless brazing technique.
- The pressure switches should be connected to a plant to alarm interface unit (available separately) for local alarm indication and this should also be connected to the central alarm system.
- Panels are supplied pre-piped, pre-wired and factory tested.



Standards

- Meets the requirements of:
- HTM 02-01/2022 Medical Gas Pipeline Systems
 - BS EN ISO 7396-1 Medical Gas Pipeline Systems

Technical Drawing



Flow Rate	Regulator Size	Regulator Valve Size	Inlet/Outlet Valve Size	Pipe Diameter
3000 l/min	1/2"	3/4"	3/4"	22 mm
4500 l/min	1"	1"	1"	28 mm
6000 l/min	1"	1"	1"	35 mm