

Difference between oxygen cylinder & oxygen concentrator

The main difference between the two is the way in which they provide oxygen. The oxygen cylinder have limited amount of oxygen compressed in it and inhaled by the user until it runs out. On the other hand, oxygen concentrators filter and generate oxygen fom air. It works by taking atmospheric air, modifying it and delivering it in its new state. It removes the nitrogen and impurities available in the oxygen.

Oxygen concentrators offer several advantages over oxygen cylinders:

Consistency – Whereas oxygen cylinders can run out of oxygen, an oxygen concentrator will never run out of oxygen as long as it has air available and a supply of power. An oxygen concentrator extracts oxygen from the air itself, making the supply unlimited and readily available.

Safety – An oxygen cylinder could begin to leak, and oxygen saturated air increases the risk of a fire. If a fire ignites under these circumstances, it is harder to extinguish because oxygen induced fires burn hotter than many other kinds of fires. Pulse-dose oxygen concentrators simply create oxygen as needed, eliminating the concern of leaks, and therefore the concern of flammability.

An Oxygen Concentrator is a great choice for all the above reasons. But individuals should also consider having a backup Oxygen Cylinder as well as additional.