

OXYGEN CONCENTRATOR



Parts

1. Machine with compressor
2. Flow meter with /without splitter
3. Humidification bottle

Working

1. Plug onto the power supply.
2. Switch on the concentrator using the ON/ OFF button.
3. Once the concentrator is on, a yellow light will come up.
4. Next, adjust the flow to 3-4 liters. This light will be on till the desired concentration of oxygen is achieved, which in most concentrators is nearly 90-93%, after which it goes off.
5. Every manufacturer has its own way of showing the achieved desired concentration. In some concentrators this yellow light will become green after achieving the desired concentration.

Maintenance

1. Coarse filter –Ensure it is dust free , wash daily
2. Zeolite granules – Change every 20,000 hrs
3. Bacterial filter – Change every one year

Trouble shooting

Problem	Possible cause	Corrective action
Too noisy machine	Coarse filter blocked by dust	Wash filter daily
Machine or room gets heated	Machine is near the wall	Keep away from wall or outside the room for free circulation of air
Yellow light is not going off	Desired oxygen concentration not reached	May be due to high humidity or the flow rate is more, which exceeds the capacity of zeolite material. Decrease the flow rate.
Compressor heats up	Malfunctioning of compressor	Look at fan, it may be jammed, and hence may need repair.