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Exalta launches mini ventilator with oxygen concentrator

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A water-based pure oxygen concentrator, the mini ventilator provides 200mm hg of oxygen per minute



Since the global outbreak of the novel coronavirus, the major concern for people was respiratory illness due to decreasing oxygen levels as the virus directly impacts the lungs of an individual. In a bid to help people tackle this concern, New Delhi based Exalta has developed a portable mini ventilator with inbuilt oxygen concentrator. A water-based pure oxygen concentrator, the mini ventilator provides 200mm hg of oxygen per minute. All that one needs to do is put water inside the ventilator and rest it'll process on its own.

It creates pure oxygen through the water like other different oxygen concentrators found in the market that are based on Normal PSA (Pressure Swing Adsorption). They consist of Pressure exhaust mechanism that draws oxygen from normal air with zeolite process. Zeolite is the process that purifies the air and removes other gases into a compressor.

An effective way to process oxygen through water, consumption of this air for 15 minutes, shows increase in oxygen level, flow rate, P.I. (Perfusion Index) level, and other functions in the body. It also helps in treating health problems like Alzheimer's, Diabetes, toxicity, among others.

Speaking about the launch Monika Singh, Director Exalta, said, "This product works as an Oxygen concentrator, Compressed Oxygen, and Mini Ventilator which is 100% made in India with no foreign components used. We're calling it a Mini Ventilator because it can provide you the oxygen at the pressure of 200mm Hg to the lungs. Which can act as a ventilator at your home. It's portable, handy, and easy to carry."