

Intelligent IAQ (Indoor Air Quality) Controller (Model : DIS-NOZ8)



Main function

1. Maintaining the oxygen level of the living chamber by controlling the oxygen supply from the various sources

-Real-time monitoring of air pollution & oxygen level

2. Automatic Supply of Oxygen gas to Indoor

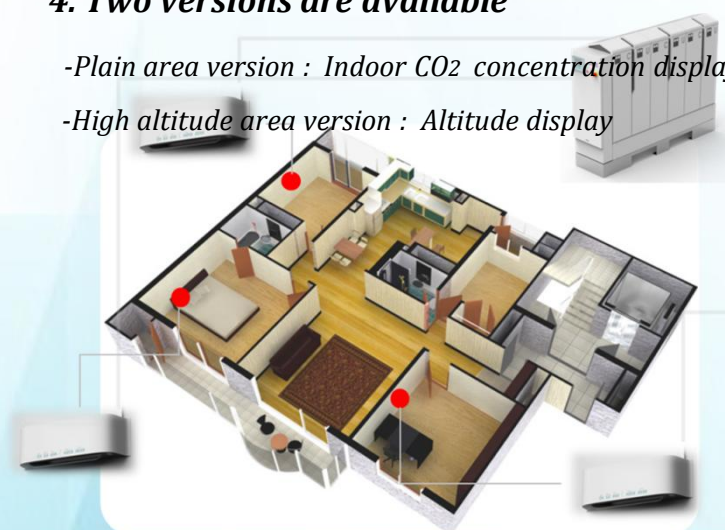
-The target oxygen concentration can be set and if the indoor oxygen concentration falls below it, oxygen gas is automatically supplied

3. Maintaining and monitoring PM2.5 level & CO2 level for ventilation need

4. Two versions are available

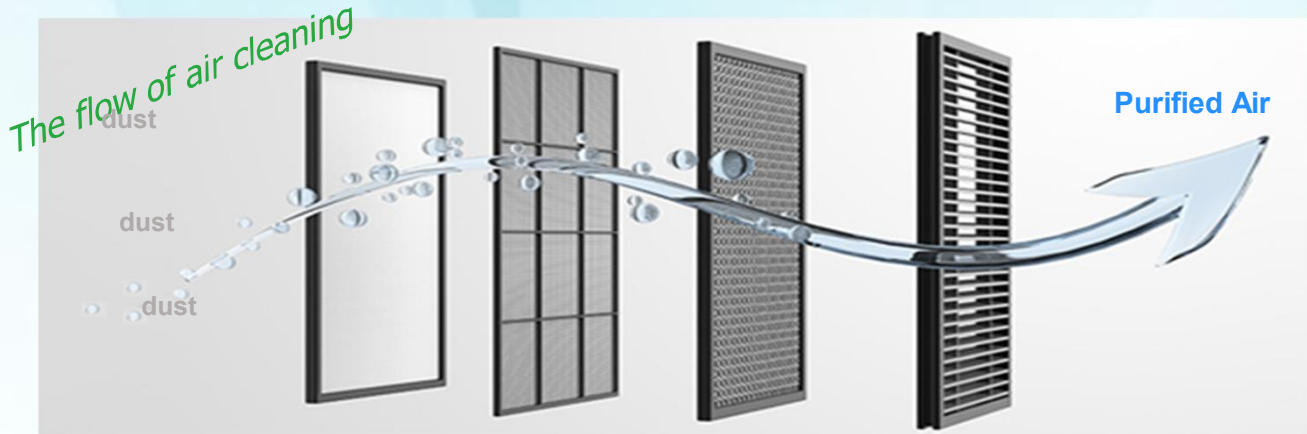
-Plain area version : Indoor CO2 concentration display

-High altitude area version : Altitude display



Installation guide

Air Purification



Activated Carbon Filter

Activated carbon composed of 90% of carbon adsorbs various substances.

It removes various kinds of odor using strong adsorption power of activated carbon.



HEPA Filter

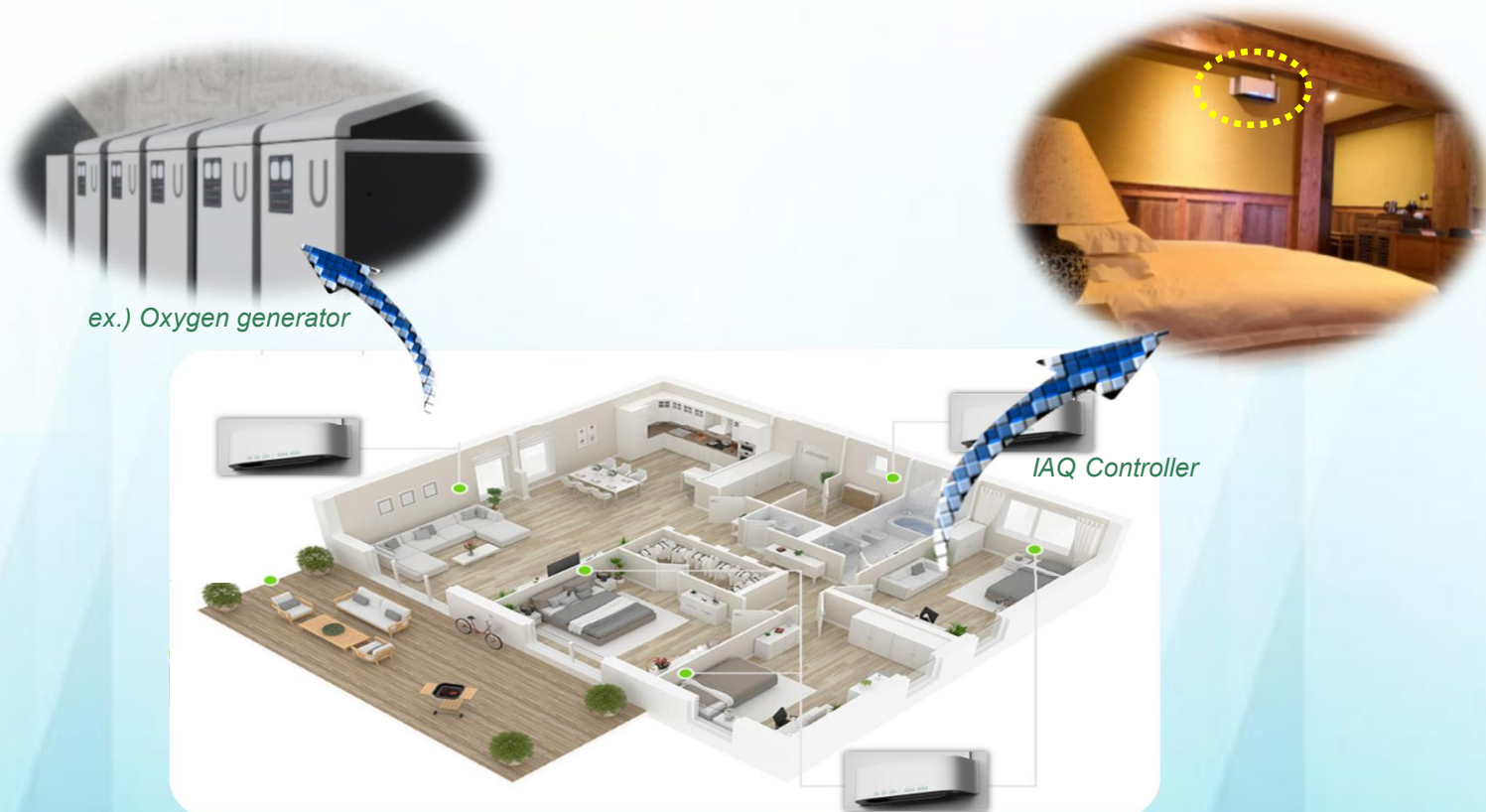
High performance filter (rated H12 to H14) can remove 0.3 μ m of fine dust, pollen up to 99.97%



Configuration of Oxygen Chamber System

Intelligent IAQ(Indoor Air Quality) Controller monitors air pollution level in real time

Also, in addition, discharges oxygen gas by incorporation with all kinds of oxygen



IAQ Monitor (DIS-NOZ8)

Specification



Model Name	DIS-NOZ8 Series
Power Supply	AC 220 V 60 Hz (50Hz for exported products)
External Dimensions (Width x Length x Height)	660 x 150 x 235 (mm)
Weight	7.8kg
Power Consumption	45W
Noise	45dB(A) or below
Measured Performance	Oxygen concentration measurement range : 15~25%O ₂ Oxygen concentration measurement accuracy : 0.3%O ₂
	Carbon dioxide concentration measurement range :1~9999ppm Carbon dioxide concentration measurement accuracy : ±50ppm
	Altitude measurement accuracy: ±10meter
	Temperature measurement accuracy: 1°C
	Humidity measurement accuracy: 5%
Air Purification Performance	Air purification wind volume: 4.1m ³ /min
	Air filter purification efficiency: 99.9