

# HW-EH429

## OXYGEN CONCENTRATOR



**Healthward**

Healthier  
your life

# HW-EH429

## FEATURES AND HIGHLIGHTS



### Product technical indicators

▪ a) Maximum recommended flow rate (when oxygen concentration $\geq 90\%$ )	3L/5Lmin
▪ b) The operating noise of the whole machine	$\leq 60\text{dB (A)}$
▪ c) Timer error	$\leq \pm 3\%$
▪ d) Output pressure	20kPa~70kPa
▪ e) Compressor safety valve release pressure	200kPa~300kPa
▪ f) Oxygen concentration measurement	0~95%, error $\leq \pm 3\%$
▪ Operating mode	Continuously operating
▪ Atomization outlet pressure	$\geq 60\text{kPa}$
▪ Input power	$\leq 380\text{VA}$
▪ Weight	Overall machine weight: about 19kg/20kg
▪ Size	367*332*570mm
▪ Packing size	450*417*650mm Weight: 20/21kg

### Working principle

It uses molecular sieve as the adsorbent, adopts the advanced pressure swing adsorption (PSA) principle, uses air as raw material, and physically separates high purity oxygen.

### Functions

- High oxygen concentration  
Stable high-concentration oxygen production, 93+% oxygen concentration.
- Voice function  
Intelligent voice broadcast can be seen and heard clearly.
- Remote control function  
Intelligent remote control, convenient control.
- Adsorption technology  
Using advanced pressure swing adsorption technology (PSA), the process is advanced and the energy consumption is low.

### Product Features

- Display method LED digital tube display, Chinese/English characters
- Display content  
Current oxygen concentration and status, continuous/timed oxygen production time
- Alarm function Power outage, oxygen concentration
- Alarm mode LED humidification cup lighting
- Timing function  
Continuous oxygen production timer, scheduled oxygen production timer, automatic cumulative timer
- Automatic shut-down  
The compressor can automatically stop running when the scheduled oxygen production time is reached.
- Atomization method  
Compressed air atomization (applicable to atomization type)

**Aatomizer**

Can be used for oxygen production and atomization. Atomization method: compressed air. Standard 1 piece.

**Disposable oxygen tube**

Premium silicone oxygen inhalation tubes, standard 2 sets of 1.5 meters.

**Air intake filter cotton**

The removable filter cotton is located on the rear side of the fuselage and is easy to remove.

**Nasal oxygen tube tee**

Convenient for two people to breathe oxygen, standard 1 set.

**Design**

The product has novel appearance design, complete functions, simple operation, stable operation and convenient maintenance.

**Material**

Brand new ABS engineering plastic shell material, simple and beautiful appearance, easy to clean.

**Host**

The host machine is mainly composed of air compressor, adsorption tower and switching valve. The air compressor is from SINC, which is a domestic premium brand, with strong power and stable oxygen supply.

**Touchscreen**

Unique digital display flip screen, large touch screen and digital tube display make it clear and easy to operate.

**Flow meter**

Simple curved handle, easy to move.

**Humidification cup**

The open removable humidification cup makes the humidified filtered oxygen visible.



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As the circumstance of printing, the photos might have minor difference on color, tactile from real products. As the update of design and improvement, parameters and outlook of products might change, thanks for understanding.



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General catalogue