



HW-EH427

OXYGEN CONCENTRATOR



Healthward

Healthier
your life

HW-EH427

FEATURES AND HIGHLIGHTS



Technical parameters

- a) Maximum recommended flow rate (oxygen concentration $\geq 90\%$) 3L/min b) Flow range when the outlet nominal pressure is zero (oxygen concentration $\geq 90\%$): 0.5 ~ 3L/min
- c) Flow range when the outlet nominal pressure is 7 kPa (oxygen concentration $\geq 90\%$) 0.5 ~ 3L/min
- d) When the recommended maximum flow rate is applied and a back pressure of 7 kPa is applied, the flow rate change $< \pm 10\%$
- e) The operating noise of the whole machine ≤ 60 dB (A)
- f) Timer error $\leq \pm 3\%$
- g) Output pressure 20kPa~70kPa
- h) Compressor safety valve release pressure 200kPa~300kPa
- i) Oxygen concentration measurement 0~95%, error $\leq \pm 3\%$
- Operating mode Continuously operating
- Atomization outlet pressure ≥ 60 kPa
- Language/Voice Switching Function ≤ 330 VA
- Weight Overall machine weight: about 11kg
- Size 400×195×495 (mm)
- Packing size 465*260*605mm Weight: 12kg

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.

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)

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.

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**

Large LED touch screen design, digital tube display

**Handle**

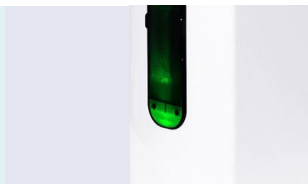
Simple curved handle, easy to move.

**Flow meter**

Accurate flow display and free adjustment of flow rate.

**Humidification cup**

Detachable humidification cup. Adopts LED humidification cup lighting, making humidified filtered oxygen can be seen.



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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