

SAFETY NOTES

- DO NOT contact the product that has fallen into water. Unplug immediately.
- A product should never be left unattended when plugged in.
- This device is to be used only in accordance with the prescription of a doctor and this user's manual. If at any time the patient or attendant conclude that the patient is receiving an insufficient amount of oxygen, the supplier and/or doctor should be contacted immediately. No adjustments should be made to the flowrate unless prescribed by a doctor.
- Close supervision is necessary when this product is used near children or individuals with disability.
- Use this product for only intended use as described in this manual.
- Do not use parts, accessories or adapters other than those authorized by manufacturer.
- Do not connect the concentrator with other oxygen concentrators or oxygen therapy devices.
- Use of some administration accessories or certain humidifiers not specified for use with oxygen concentrator may impair the performance.
- In certain circumstances oxygen therapy can be hazardous. Manufacturer recommends that you seek medical advice before using this product.
- Avoid creation of any spark near medical oxygen equipment. This includes sparks from static electricity created by any type of friction.

FEATURES

SUMMARY

The function of oxygen

- Supplying oxygen to patients can assist in the treatment of heart head blood-vessel, respiratory system, such as chronic obstructive pneumonia disease, rehabilitation and hypoxia conditions.
- Oxygen could improve body function, especially suit for elderly, pregnant women, physique, students etc. Who got physiological hypoxia. It may also reduce fatigue after heavy manual or mental consumption.

THE SCOPE OF PRODUCTS

For hospital and homecare to supply oxygen to patients.

STRUCTURE

- The product is mainly composed of oxygen making host, flow meter, humidifier.
- Safety plastic shell.
- With time collect function: Display the operation time in LCD.
- High and low pressure alarm function.
- Power loss alarm function.
- The compressor with thermal protector guarantee better security.
- *With nebulizer function. (7F-5W, 7F-8W, 7F-10W)

FEATURES

SPECIFICATIONS

1. Maximum recommended flow:
7F-5(W): 5L/min, 7F-8(W): 8L/min, 7F-10(W): 10L/min
2. Flow Range:
7F-5(W): 0.5 ~ 5L/min, 7F-8(W): 0.5 ~ 8L/min, 7F-10(W): 0.5 ~ 10L/min,
3. Change in maximum recommended flow when back pressure of 7kPa is applied: < 0.5L/min
4. Oxygen Concentration: 95.5% ~ 87%
5. Maximum Outlet Pressure:
7F-5/8(W): 45kPa \pm 4.5kPa (6.52psi \pm 0.65psi),
7F-10(W): 62kPa \pm 4.5kPa (8.99psi \pm 0.65psi),
6. Pressure Relief Mechanism Operational at:
250kPa \pm 25kPa (36.25psi \pm 3.63psi)
7. Noise: 7F-5(W) \leq 53dB(A), 7F-8(W) \leq 55dB(A), 7F-10(W) \leq 60dB(A),
8. Maximum Nebulization Rate: \geq 0.2mL/min (7F-5/8/10W)
9. Power Supply:
☐ AC120V \pm 10% ☐ AC220V \pm 10% ☐ AC230V \pm 10%
☐ 50Hz ☐ 60Hz 1.5 amps (AC220V ~ 240V) ; 3.0 amps (AC120V)
10. Input Power: 7F-5/8(W): 500VA, 7F-10(W): 850VA
11. Weight: 7F-5(W): 27kg, 7F-8(W): 28.5kg, 7F-10(W): 33kg
12. Dimension: H44.5cm (17.5") x W37.2cm (14.7") x D68cm (26.8")
13. Minimum operating time: 30minutes
14. Altitude: Up to 1828 meters (6000 ft) above sea level without degradation of concentration levels. From 1828 meters (6000 ft) to 4000meters (13129 ft) below 90% efficiency.
15. Safety system:
Current overload or loose connection, automatic shutdown.
Compressor with abnormal high temperature, automatic shutdown.
High & low pressure alarm function, automatic shutdown.
Compressor error function, automatic shutdown. Low oxygen concentration alarm function.

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16. Minimum Operating Time: 30minutes
17. Electric classification: Class II, type BF application part
18. Work system: work continuously.
19. NORMAL OPERATION CONDITIONS:
Temperature range: 10°C ~ 35°C (50°F ~ 95°F);
Relative humidity: 30% ~ 75%;
Atmosphere pressure: 860hPa ~ 1060hPa (12.47psi ~ 15.37psi);
NOTE: When storage temperature is below 5°C, please keep the equipment in normal working condition for at least 4 hours before using.
20. Temperature at oxygen outlet: \leq 46°C
21. Suggestion: The length of nasal oxygen cannula should be less than 15.2 meters and should not be pinched.
22. Transportation and storage conditions:
Temperature range: -20°C ~ +60°C (-68°F ~ +140°F),
Relative humidity: 10% ~ 93%, no condensation,
Atmosphere pressure: 700hPa ~ 1060hPa (10.15psi ~ 15.37psi).
NOTE: Oxygen concentrator should be stored with out intense sunlight, no corrosive gas and in a well ventilated room, avoid jolt and inverted recumbent transport.

HANDLING

UNPACKING

⚠ NOTE: Unless the oxygen concentrator is to be used immediately, otherwise it should be stored in the containers until it's being used again.

- ▶ Check for any obvious damage to the carton or its contents. If damage is evident, please notify the carrier or local dealer.
- ▶ Remove all loose packing from the carton.
- ▶ Carefully remove all the components from the carton.

INSPECTION

- ▶ Examine exterior of the oxygen concentrator for nicks, dents, scratches or other damages. Inspect all components.

STORAGE

- ▶ Store the repackaged oxygen concentrator in a dry area.
- ▶ Do not place other objects on top of the repackaged concentrator.

OPERATING & INSTALLATION

FEATURE VIEW



Figure 1: view of the machine

OPERATING & INSTALLATION



Figure 2: view of the humidifier

PREPARE WORK

- › Unscrew the bottle from the humidifier counter-clockwise. Fill the bottle with pure water (or distilled water) to the level indicated by the manufacturer.
- › Screw securely to the bottle back clockwise.
- › Plug in: First confirm the power switch of oxygen concentrator is off, then connect the plug .
- › Do not use extended power line.

OXYGEN ABSORBING OPERATION

- › Turn the power switch to " | " , the LCD shows "HELLO" , green, yellow, red indicator all light indicates that the machine is normal. The green indicator lights only 1 second later. 4 seconds later, the LCD shows elapsed time, then the machine goes to normal operation.

OPERATING & INSTALLATION

- › Turn the flowrate knob to require oxygen need (Reed as centre of the black ball). Turn the knob anticlockwise to increase the flowrate, and clockwise to decrease. Meanwhile, humidifier bottle will have air bubble around the sieve core. Then, oxygen comes from the oxygen outlet. (Figure 3)
- › Connect the nasal oxygen cannula to the oxygen outlet of the humidifier, the other end match the patient.

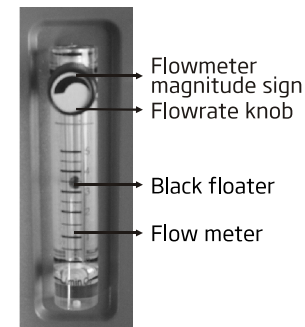


Figure 3

- ⚠ Note: Adjust the time of absorbing oxygen and the flowrate range according to the doctor's advices.
- › If the humidifier makes continuous sound, it shows that the nasal oxygen cannula jammed, then please clear the pipeline.
 - › CAUTION: If the flowrate on the flowmeter ever falls below 0.5L/min, check tubing or accessories for blocked or kinked tubing or a defective humidifier bottle.

*NEBULIZING OPERATION(7F-5/8/10W)

- › Fill proper medicinal liquid in the nebulizing cup (Please follow the doctor's advices for nebulizing time or don't exceed the maximum scale of the nebulizing cup).
- › Upward pull out the nebulizing cover on the nebulizing interface. (Figure 4)

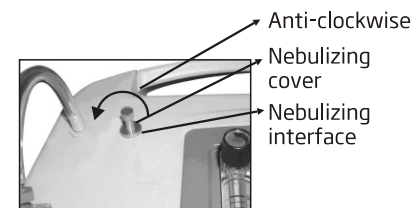


Figure 4