



DRFUJI®

User Manual

**MINI OXYGENATOR
C6 SERIES**

Registered Address: 4300 Ingot Street Fremont
California 94539 USA

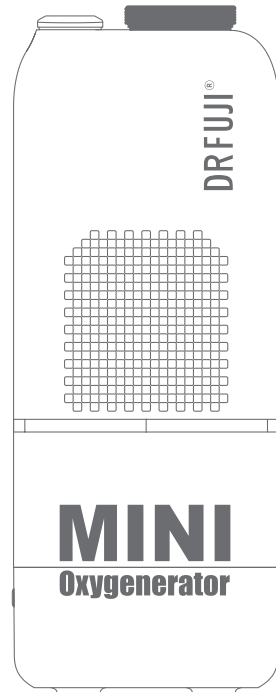
Tel: 1-800-526-0278

Website: www.drfuji.com

This guide applies to the c6 series. Please
see the manual for specific details.

This product is a health care product, not a medical device, and cannot be used for medical purposes. At the same time, in order to prevent power outages or possible failures of the oxygenerator, those who are in urgent need of oxygen must be equipped with other backup oxygen supply devices (such as oxygen bottles, oxygen bags, etc.)! This device is suitable for oxygen supplementation and is not intended for use as life support or life extension oxygen!

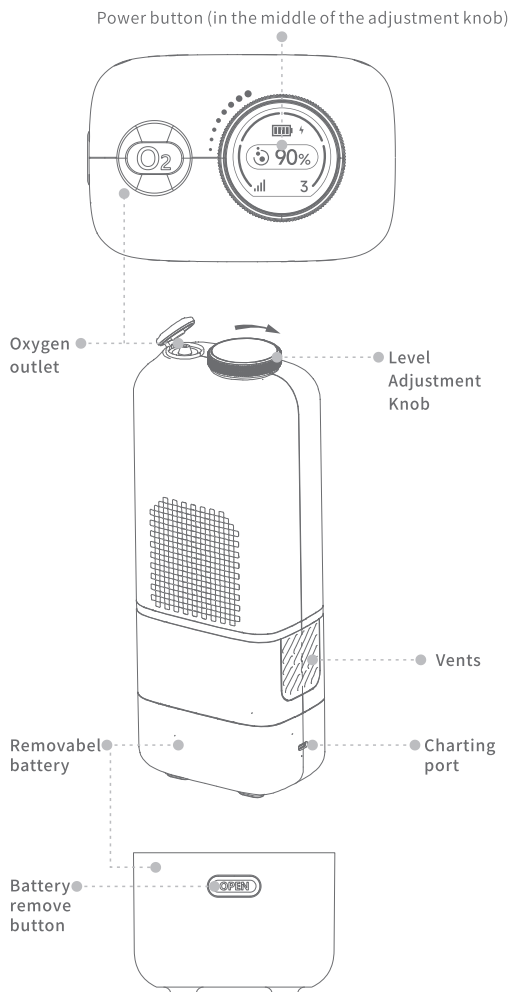
Please make sure you have read carefully and fully understood the contents of this manual before use.



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Product schematic



Product parameters

Name: Mini Oxygenerator

Model no: C6-A

Executive standard: Q/91510108629517429X · 11-2023

Product size: L*W*H (105.8x71.5x275.5mm)

Weight: around 1.55kg (including one battery)

Display: 0.99 inch HD Color display

Altitude: Can be used normally at 5000 meters

Warm up time: 2mins

Oxygen concentration: greater than or equal to 90%

Maximum flow: 0.5L/min

Levels and Flow

Levels	1	2	3	4	Error range: ±25%
Rated flow (L/min)	0.2	0.3	0.4	0.5	

respiratory rate: 10-40 BPM

Adaptor

Input: 100-240V~50/60Hz 1.5A

Out put: 20V=3A

Out put: 18V =

Battery capacity: 5000mAh

Suitable environment for normal operation of device

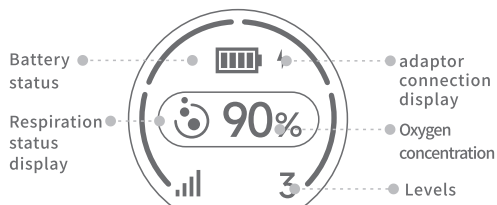
Suitable temperature: 5-40℃

Suitable humidity: 15%-18% non-condensing state

Atmospheric pressure range: 540hPa-1060hPa

Interface introduction

Main interface



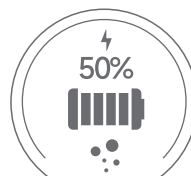
Setting Interface



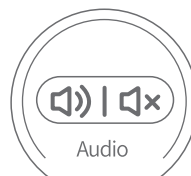
Warm up interface



Shutdown cooling interface



Charging interface



Audio interface



Product parameters interface

How to use

1. Power connect

Select appropriate power connection conditions according to the use environment

- When using the battery only, install the removable battery into the device
- When using a car power adaptor, please purchase a car charger fast charging converter, which requires an input DC 20V 60VA MAX

Warning: Do not use batteries other than those provided with the device.

2. Power on and warm up

Press the device's power button to turn it on. After hearing the "beep" power-on prompt, you will enter the power-on interface. After 2 seconds, the power-on is completed and you will enter the main interface of the device. Use the Level Adjustment Knob to select the level (clockwise to increase, counterclockwise to decrease). After the level is selected, the device enters the warming up state. The warm up time is about 2 minutes; when the warm up is completed and the device reaches the normal use requirements, you can wear the nasal oxygen tube and use it.

Note: During the warm up, the device will automatically output the flow to evacuate air inside. The device does not detect breathing status. Do not use it with a nasal oxygen tube at this time.

3. Connect the nasal oxygen tube

Connect the bell end of the nasal oxygen tube to the oxygen outlet of the device to ensure that the connection is reliable and air-free. Be careful not to kink or block the nasal oxygen tube to avoid causing device-related alarms and affecting use.

Note: This device is a pulse oxygen supply. To use this

How to use

device, a nasal oxygen tube must be connected.

4. Adjust the level

Please use the gear adjustment knob to adjust the flow gear according to your own needs. Clockwise increases and counterclockwise decreases.

5. Power off

When on working, press and hold the power button for about 2 seconds. The device will make a beep sound and enter the power off interface, after cooling device will automatically shut down.

If the adaptor is connected, the screen will display the current battery level and charging prompt after shutting down. After the battery is fully charged, please disconnect the adaptor.

If using battery power to work, when power off, the device will be completely powered off and will not enter the charging interface.

Note: After the device is shut down, the cooling fan will continue to work for a while and then turn off.

6. Other situation descriptions

When an abnormal state occurs, it will display an abnormal prompt and have a sound prompt. If you already understand the relevant prompt information, you can press the button to close it.

Note: When closing the exception prompt, please pay close attention to the operation of the device;

Note: It is prohibited to pull out the battery while the device is running;

1. Replacement of the filter

When the device prompts that the filter needs to be replaced, follow the steps below to replace the filter cotton in time.

- (1) Turn off the device, disconnect the power source and remove the battery.
- (2) Remove the cover of the filter.
- (3) Take out the filter. Note that after long-term use, the filter may absorb and accumulate a large amount of dust. Please operate it carefully and take protective measures to avoid inhaling dust.
- (4) Insert the new filter cotton in the correct direction.
- (5) Reinstall the filter cover.
- (6) Please dispose of the discarded filter properly.
- (7) After replacing it, turn it on again and follow the screen prompts to confirm that it has been replaced.

Note: Failure to install or replace the filter cotton for a long time may affect the performance of the equipment or damage the equipment. Please replace the filter cotton in time. The replacement cycle depends on the use environment and usage. It is recommended to replace it once a month.

2. Molecular sieve replacement and maintenance

- (1) When the device prompts that the molecular sieve needs to be replaced, please contact the seller in time.
- (2) Long-term storage may shorten the service life of molecular sieves.
- (3) Long-term operation in humid environment may shorten the service life of molecular sieves.

Warning: Do not disassemble the device to replace the molecular sieve without permission. Only device suppliers or qualified maintenance engineers can disassemble the machine and replace the molecular sieve.

3. Nasal oxygen tube replacement

Nasal oxygen tube is medical class products. You can purchase nasal oxygen tubes by you own, but please noted:

- (1) Please purchase it from the certified medical institution
- (2) It can fit well with the oxygen outlet of device without air leakage.

Note: Please wear the nasal oxygen tube correctly and use it according to the nasal oxygen tube instructions.

4. Battery replacement and maintenance

This device requires the use of a special battery comes with the device. The model is BEOKA-27. Two batteries are provided in the packing list.

- Battery life: 500 cycles of charge and discharge capacity can remain 80%.
- When not in use for a long period of time, please remove the battery from the device and pay attention to protecting the battery electrodes from contact with conductors such as metal to prevent dangers such as fire.
- When storing batteries, please keep them out of reach of children to avoid danger.
- Battery that is not used for a long time needs to be charged and maintained regularly. It is recommended that the battery be kept charged during storage. Around 30%-60%.

Warning: Do not use batteries other than those provided with the product.

5. Device using life

Main body of the device	5 year
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Note: The service life is a recommended value. The actual service life will change with the actual use environment and actual usage. Please pay close attention to the equipment usage status and related alarm prompts.

6. Maintenance cycle

Name	Product code	maintenance cycle	Maintenance method	Remark
Filter	BYKB104-51	One every 200 working hours	Clean or replace	Can be purchased separately
Molecular Sieve	BYKB104-36	Replace according to device prompts	Pay to replace	Return to factory for replacement
Battery	BEOKA-27	Once every three months	Charge to 30%	Return to factory for replacement

7. Equipment cleaning

- (1) Before cleaning, please make sure the device is turned off and remove the battery
- (2) Do not let the device get wet or get water. Once this happens, it will cause the device to malfunction or shut down, and it will also increase the risk of electric shock.
- (3) Never pour liquid directly onto the device. Chemical cleaners used on the plastic shell of the machine may damage the plastic shell of the device. These cleaners include but are not limited to the following list: alcohol and alcohol products, high-concentration chlorination. Solutions, oil products (Clrox)
- (4) Be careful not to allow liquid to enter the inside of the machine, and pay special attention to ensure that the oxygen outlet is free of dust, water, or other particles.
- (5) Do not use organic solvents or other flammable, explosive and volatile substances for cleaning. Please make sure the device is completely dry before use.

Warning: The Li-ion battery used in this product is a recyclable and valuable resource. Please take out the car ion battery when discarding it after use and hand it over to a professional organization that can recycle rechargeable batteries for processing.

Issue	Cause	Solution
Unabel to turn on	The battery is not installed correctly	Remove the battery and reinstall it correctly
	Battery exhausted	Insert the battery and connect the adaptor to charge the battery
	Bad adaptor connection	Check the connection
	Equipment failure	If the above operations do not solve the problem, please contact your equipment supplier
No oxygen out	Device is not turned on	Turn on the device
	Kink or blockage of nasal oxygen tube	Check the connection between the nasal oxygen tube and its oxygen outlet
	Equipment failure	please contact your equipment supplier
others	Reference fault message	Reference fault message
	Reference fault message	Reference fault message

The following status is not a fault

There is a preheating time of about 2 minutes when starting the operation. During the warming up, breathing cannot be recognized. There is a preheating prompt on the display screen. During this period, the level adjusting operation is invalid. After the warming up is completed, the equipment enters the main interface with a "beep" sound. The sound prompts and you can use it normally.

The vents is a heat dissipation port. When running for a long time or the ambient temperature is high, the temperature of the air discharged from the device will increase, which is normal. This device have high temperature protection. If the vents is blocked or the temperature of the device is too high due to other reasons, the device will warning and automatically shut down.

Packing list

No	Name	Qty	Remark
1	Main body	1	Standard
2	Battery	2	Standard
3	Adaptor	1	Standard
4	Filter	5+1	Standard
5	Nasal oxygen tube	3	Standard
6	Charging cable	1	Standard
7	Carring bag	1	Standard
8	Accessories bag	1	Standard
9	User Manual	1	Standard
10	Warranty instructions	1	Standard
11	Certificate	1	Standard
12	Quick Start Guide	1	Standard

Warranty instructions

Oxygenator (excluding consumables) is guaranteed for 1 year from the date of purchase

All repair services must be performed by a designated repair service center. During the warranty period, any failure caused by non-human reasons will be covered free of charge.

Outside the warranty period, maintenance costs will be charged.

If damage is caused by improper use, paid repair services will be provided.

Consumable nasal oxygen tubes and filter are not covered by the warranty.

Fault message

Device fault message as below:

Alarm system verification: After the device warming up, it starts to produce oxygen. If breathing is not triggered within 15 seconds, the alarm system should have an alarm item of "no breathing detected". If there is no such alarm, the alarm system is abnormal.

Alarm items	Reason for alarm	System processing	Screen display and prompts	Solution
adaptor voltage is low	adaptor input voltage is lower than 18v	Stop oxygen production and return to standby state	 Adaptor no match	Please replace the correct adaptor
Breath not detected	Working in level 1-4, no breathing detected within 15 consecutive seconds	Alarm prompt, no breathing is detected for 2 consecutive minutes, return to standby state	 Breath not detected	Please check whether the nasal oxygen tube is wear correctly
battery is low	When the battery power is less than or equal to 10%, a pop-up window prompts "Battery is low. When the battery power is less than or equal to 3%, it returns to standby mode and the device cannot be started.	Stop oxygen production and return to standby state	 battery is low	Please charge or replace the battery
System temperature is high	When the temperature is greater than or equal to 60 degrees, a pop-up window will prompt "The temperature is too high. When the temperature of the sensor height is greater than or equal to 65 degrees, it will return to the standby state.	Stop working and return to standby state	 high temperature	Please cool down before use
Please replace the filter	Filter has expired	system hint	 Replace the filter	Please replace the filter
Replace molecular sieve	Molecular sieve has expired	system hint	 Replace molecular sieve	Please contact the seller to replace the molecular sieve

Fault message

Detailed equipment fault items are as follows:

Alarm items	Reason for alarm	System processing	Screen display and prompts	Solution
Fan failure	The cooling fan is running abnormally	Stop oxygen production and return to standby state	 Fan failure	Please contact the seller
Compressor failure	Compressor operation failed	Stop oxygen production and return to standby state	 Compressor failure	Please contact the seller
Solenoid valve failure	Solenoid valve switching failure	Stop oxygen production and return to standby state	 Solenoid valve failure	Please contact the seller

*Remark

1. **DRFUJI** product comes with a one-year free warranty with the purchase receipt.
2. **DRFUJI** does not provide free warranty services for the following user-induced failures, such as:
 - a) Failures caused by unauthorized disassembly and modification of the product;
 - b) Failures or damages caused by accidental drop during use and handling;
 - c) Failures due to lack of reasonable maintenance;
 - d) Failures caused by not following the manual instructions correctly;
 - e) Failures caused by improper repairing of entities not authorized by **DRFUJI**.
3. Repairing services outside the scope of the warranty will be charged according to the relevant policy.
4. Please contact the customer service team promptly via email for warranty requests.
5. When necessary, product circuit diagrams and information on repairable components can be obtained by **DRFUJI**-qualified technicians.
6. The safe service life of the product is 5 years.
7. Please see the main unit or packaging box for the production date.

