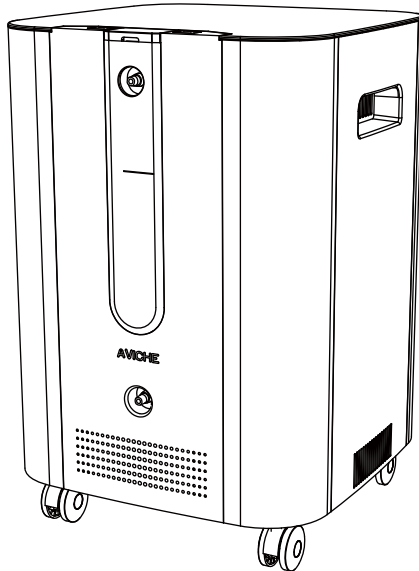


A35 Oxygen Concentrator

User Manual



Version 1.0

Thank you for choosing AVICHE oxygen concentrator. Please read this User Manual carefully before use and maintenance and keep it properly for future reference.

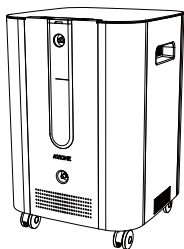
Table of Contents

I . Company Profile	2
II . Device and Accessories	3
III . Product Introduction	4
IV . Special Instructions on Safe Usage	6
V . Product Parts Introduction	9
VI . Operations before Oxygen Inhalation	10
VII . Screen and Function Keys Operation	12
VIII . Usage of Nasal Pipette	14
IX . Explanations on the Symbols and the Abbrevia- tions of the Labels Used in this Device	15
X . Maintenance	15
XI . Troubleshooting Guide	18
XII . Electromagnetic Compatibility Requirements...	19
XIII . Other Precautions	25
XIV . After-sales Service and Warranty Card	26

I . Company Profile

AVICHE Shandong Medical Technology Co., Ltd. (AVICHE) is invested and established by China AVIC Avionics Systems Co., Ltd. Adhering to the concept of AVIC and making use of its technical strength, AVICHE has composed a strong team of comprehensive innovation, fast productization, and quick response with the expert groups from the medical, optical, computer, electronics, machinery, management and other fields as the core. Aiming at “Transferring Aviation Sci-tech and Care for Human Health”, AVICHE has adopted widely the advanced management concept at home and abroad, striven hard to enhance its core competitiveness, and vigorously promoted the spirit of “Transfer, Innovation, Quality and Service”. Forming the “Customer First, Quality First, and Employee-oriented” corporate culture, AVICHE has been making unremitting efforts to strengthen the national brand and contribute to China's medical and health cause.

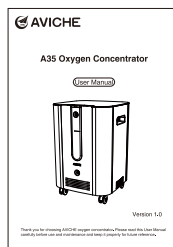
II. Device and Accessories



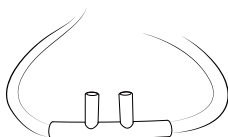
Main Unit x 1



Remote Controller x 1



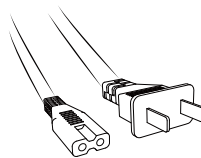
User Manual (including Warranty Card) x 1



Nasal Cannula x 1



Fuse x 2



Power Cord x 1



Product Inspection Certificate x 1

The illustrations shown in this user manual are image drawings and may differ slightly from the actual product.

Figure 1 Packing List

Please check first whether the appearance of the product is good and whether the variety and quantity of accessories are consistent with the Packing List before installation and operation. Please contact the supplier or manufacturer in time in case of any defects.

III. Product Introduction

1. Product Usage

Taking the air as the raw material and with the use of molecular sieve Pressure Swing Adsorption (PSA) process, the A35 oxygen concentrator produces oxygen in the concentration range of 90% to 96% (V/V) (abbreviated as “93% oxygen”) for the adults in need of oxygen inhalation.

2. Software Introduction

- Name of Software: A35 Oxygen Concentrator Software
- Software Full Version Number: Rzyj01.00.00.01
- Software Release Version Number: Rzyj01

3. Oxygen Concentration Principle

Using the principle of Pressure Swing Adsorption (PSA), the A35 oxygen concentrator adsorbs nitrogen and other gases through the molecular sieve, and separates more than 90% of oxygen from the air. For all users, please be rest assured that the separation of oxygen from the indoor environment will not affect the normal oxygen content of the indoor air.

4. Performance Parameters and Working Conditions

Rated Power Supply	AC220V 50Hz
Input Power	240VA
Oxygen Concentration (3L/min)	$\geq 93\% \pm 3\% (V/V)$
Oxygen Flow	1.0-5.0L/min
Oxygen Inhalation Noise (while concentrating)	$\leq 60\text{dB}$
Operation Mode	continuous operation
Anion	10 million pcs/cm ³
Remote Control Range	$\leq 6\text{m}$

Power Cord	1.5m
Raw Material	ABS
Net weight (with the humidifier without water)	11.3kg
Dimension	290×293×449mm
Electrical Classification	Class II
Operation Ambient Temperature Range	5°C-40°C
Operation Ambient Humidity Range	≤80%RH
Operation Atmospheric Pressure	70.0kPa~106.0kPa
Storage and Transportation Environment Temperature Range	-20°C~+55°C
Storage and Transportation Environment Humidity Range	≤95%RH
Storage and Transportation Atmospheric Pressure	50.0kPa~106.0kPa
Back End Oxygen Flow under 7kPa Back Pressure (being set to 3L/min)	2.8L/min±0.3L/min
Maximum Outlet Pressure	60kPa±6kPa
OCSI Operating Temperature	5°C~55°C
OCSI Operating Pressure Range	0~50kPa
OCSI Detection Deviation	±1.5% (V/V)

5. Impact on Environment and Energy

Exhaust Emission: Nitrogen, no impact on the environment

Wastewater Discharge: No

6. Contraindication

This product is only designed to concentrate oxygen of not less than 90% (V/V), and does not contain the contents of product contraindications. Before using this product, please check with your physician whether your

symptoms are suitable for oxygen inhalation!

7. Harmful Statement

Oxygen inhalation can increase oxygen concentration and may cause oxygen poisoning. Oxygen inhalation is not suggested for pulmonary bulla. Oxygen inhalation is not suggested for facial congestion. Oxygen inhalation is not suggested for strenuous exercise. For all users, please contact professional medical personnel before use.

IV. Special Instructions on Safe Usage

1. Precautions Before Use

- Personal and family use of 93% oxygen should follow the professional doctor's guidance.
- It is forbidden to dump the product during handling.
- The product using voltage is AC220V±22V, and do not use industrial power. When the voltage is unstable, please install the voltage regulator before use.
- Be sure to use qualified receptacles and wiring boards.
- Do not use oxygen concentrator in confined spaces.
- Do not allow the children to operate the oxygen concentrator separately and place the device in a position where the infants can not reach while running.
- If the product will not be used for a long time, please unplug the power plug from the socket.
- Non-professionals are not allowed to disassemble.
- The other medical device products intended for use with the oxygen concentrator, such as nasal cannula, headset oxygen tubing, oxygen mask and oxygen bag, are expected to choose the regular and effective ones and consult with the professionals. Otherwise there will be health risks!

2. Placement

- The oxygen concentrator should be kept away from fire and flammable and explosive materials and facilities.
- Do not place anything at the bottom of the oxygen concentrator so as to avoid high temperature caused by blockage in the heat outlet.
- Do not place the oxygen concentrator in the environment of heat source, open flame, moisture, smoke, dust, and pollution.
- The oxygen concentrator should be placed in a well ventilated area and be ensured that there is no obstruction within the range of 10 cm.

3. Usage

- Oxygen is a combustion-supporting gas that is prohibited from smoking and should be kept away from the open flame, so as not to cause a fire.
- While cleaning, please unplug the power, and do not use any grease products so as not to pollute the oxygen or cause a fire, and do not dump the device as well.
- Make sure to unplug the power supply while putting water to the humidifier.
- Do not put any water or liquids containing impurities to the humidifier, otherwise it may be detrimental to your health.
- Do not place the oxygen concentrator in a place which has water stains or can easily become wet with water.
- Users are suggested to use the attached parts or the exclusive accessories produced by AVICHE.

4. Alarm System

- When the oxygen concentration is less than 84%, the yellow indicator “Attention” on the panel will be on, and the loudspeaker will give an alarm of “Tick..Tick” sound.
- When the oxygen concentration is less than 56%, the red indicator “Abnormal” on the panel will flash, and the loudspeaker emits an alarm of “Tick Tick Tick..Tick Tick” sound.
- When the internal pressure becomes abnormal, the red indicator

“Abnormal” on the panel will be on.

- The alarm can not be suppressed and paused.
- Delay of the alarm status <5s.
- The sound pressure level of the sound alarm (measured in front of the device 1m): 65dB~75dB.
- The operator should be within 1 m of the oxygen concentrator.

Note: All alarms are technical and not physiological alarms.

5. Special Warnings

- ▲ This device is only suitable for oxygen supplementation and can not replace life support or life extension facilities.**
- ▲ In order to prevent the device from malfunction or sudden power failure, the users in urgent need of oxygen or the severe patients must be provided together with other oxygen supply devices. For the prompts of abnormal oxygen concentration, please replace with other oxygen supply devices and contact the technical support as soon as possible.**
- ▲ Please consult your doctor before using the oxygen concentrator for oxygen therapy.**
- ▲ Do not use oxygen concentrator when the air is mixed with flammable narcotic gases.**
- ▲ The oxygen concentrator is strictly prohibited for any discard and should be sent to the professional recycling plant for recycling use.**

V. Product Parts Introduction

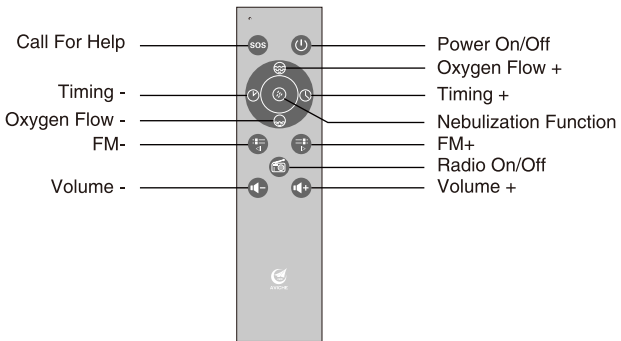
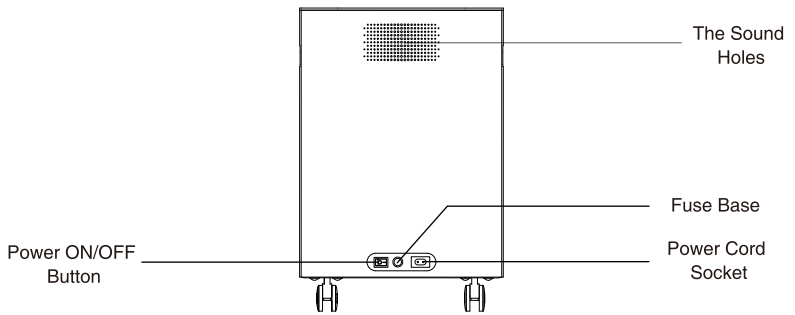
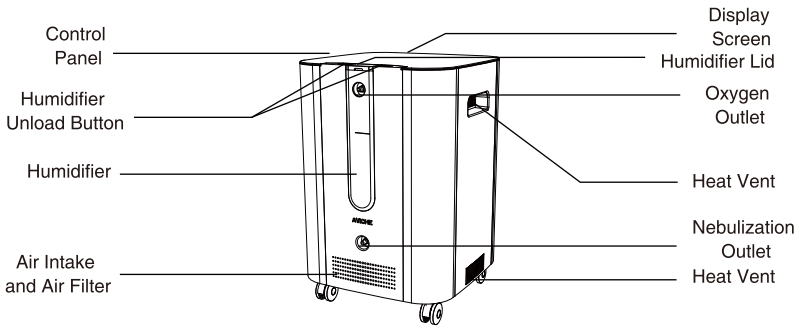


Figure 2 Product Parts Introduction

VI. Operations before Oxygen Inhalation

If the oxygen needs to be humidified, please follow Steps 1-3:

Step 1 Press the Humidifier Unload Button (Figure 3), and remove the humidifier.

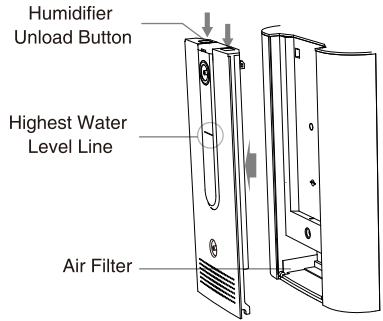


Figure 3 Removal of the Humidifier

Step 2 Take out the top lid of the humidifier, and add inward pure water or distilled water of room temperature (Figure 4). The water level shall not exceed the highest marked water level line.

⚠ Note: Do not add tap water to the humidifier so as to prevent impurities from clogging the humidifier.



Figure 4 Add Water to the Humidifier

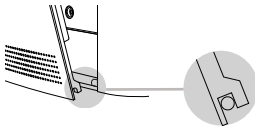


Figure 5 Humidifier Installation

- Step 3** Buckle up the lid after adding water, and put the humidifier back to the main unit. Place the humidifier well with the bottom groove connecting the bottom tube stand (Figure 5), and then push the upper part of the humidifier back to the main unit.
- Step 4** Turn on the power cord. Plug one end of the power cord into the rear socket (Figure 2) and the other end into the outlet.
- Step 5** Press the power switch to “—”, then the start key on the screen will be ☺ lit. Click to start, and the screen will be lit, with the humidifier emitting bubbles. After the green “Operation Normal” light is lit, the device calibration is completed, and users can start to operate. The whole process takes about 1 minute, and the “Flow ±” key operation is invalid. The oxygen concentrator will produce a “hiss—” sound in normal working conditions, which is a normal ventilation sound.
- Step 6** Connect the oxygen tubing: One end of the oxygen tubing is connected to the humidifier, and the other end (mask or nasal cannula) is worn by the user to inhale oxygen (see Page 14 for details).
- Step 7** The device should be put upright during handling.

VII. Screen and Function Keys Operation

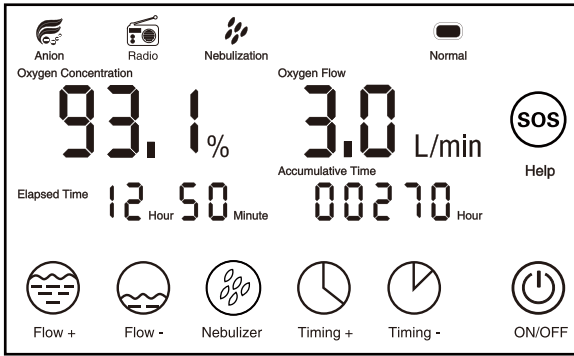



Figure 6 Display Screen and Operation Keys

1. Power On

The device enters the standby mode after connection to the power supply, and the power on/off key  will be lit. Press the power on/off key on control screen or telecontroller and both operation button and display screen will be lit, The device will enter the calibration status, which will take about 1 minute. After the green “Normal” indicator light is lit, the device calibration is completed, and then users can start to inhale oxygen.

Note: During the calibration period, “Flow ±” can not be operated. But the “Timing ±”, “Nebulization” and “SOS” functions are normal to use.

2. Flow Control

After the device enters normal work state, Users short press of “Flow +” / “Flow -” in the control panel or the telecontroller will make the oxygen flow increase / reduce 1L/min, If long press the keys will make the flow continue to increase or reduce at the speed of 0.1L/min.

3. Timing Function

Short press “Timing +” / “Timing -” in the control panel or the telecontroller to do timing operation. Short press the keys can do the timing at speed of 20min/time. Long press the keys can do the timing at speed of the continuing rate of 20min. The device will turn itself off after the timing time runs out.

4. Nebulization Function

This function needs to connect to the nebulizer mask. Users should connect the nebulizer mask to “nebulization” outlet (as showed Figure 2). Press the nebulization button on control panel or the telecontroller and the nebulization indicator light will be lit, then users can do the nebulization. The noise is becoming larger during the nebulization process, It is the normal voice. After the nebulization, Press the nebulization button again to return back to oxygen production mode.

Note: After using nebulization function, Data of timing time and elapsed time on the screen will become zero and the equipment takes 1 minute to do recalibration.

5. SOS Function

When users had sudden diseases and can not call for help, they can press on the “SOS” key in the control panel or the telecontroller for help, and the device will continue to voice out “help me” to seek for help. To turn off the SOS function, just click on any function key on the control panel to close the SOS function.


6. Anion Function


Anion can improve alveolar ventilating function, enhance oxygen absorption rate. This function is always on state.

7. Radio Function

This Function need to operate by the telecontroller.



8.1 Press radio on/off  to open or close radio function.

8.2 Press volume+/-  /  to adjust the sound volume of radio.

8.3 Press FM-/ +  /  to tune the FM of radio.


Note: This function may not be available due to different wave band in different countries.

8. Power Off

Press the key  in the control panel to turn off the device.

▲ Note: The button functions on telecontroller are same with control panel of main unit except the long button function. The remote control range is around 6m, Please operate it facing the front side of equipment.

VIII. Usage of Nasal Pipette

Place the prongs of the nasal cannula  into the nostrils, and hook the tube around the ears with the locking hoop fixing the tube tight (as shown in Figure 7). After the device finishes calibration and enters the normal working condition, connect the other end of the nasal cannula to the upper oxygen to inhale oxygen.

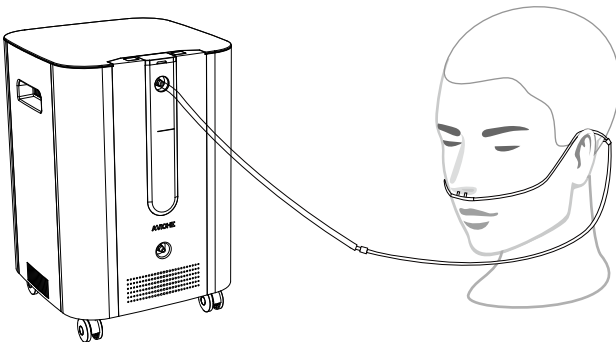












Figure 7 Use of Nasal Cannula

IX. Explanations on the Symbols and the Abbreviations of the Labels Used in this Device

Symbol	Description	Symbol	Description
	Alternating Current		Attention! Check and read the attached booklet
	Class II		This Side Up
	Connected (to the input power)		Keep Dry
	Disconnected (from the input power)		Temperature Limit
	Fragile		No Smoking

X. Maintenance

Make sure to turn off the power supply before maintenance of the oxygen concentrator. In order to avoid electric shock, non-professionals are not allowed to disassemble the device.

1. Clean the Outer Covering

- Disconnect the power supply, wipe it with a soft sponge or wet cloth dipped in moderate cleanser. Prevent liquid from infiltrating into the device for causing possible risks.
- It is recommended to wipe and clean the outer covering once a month, and do not use any oily solvent or detergent.

2. Clean the Humidifier (see Figure 3 for the removal of the humidifier)

- The water in the humidifier should be replaced every day, and make sure to use distilled or purified water.
- The inner wall of the humidifier should be cleaned once a week and

washed repeatedly with water to ensure hygiene. If there's incrustation or odor inside the water tank due to no cleaning or no changing of the water for long, please soak with white vinegar for more than half an hour before wash.

3. Wash the Nasal Cannula (or Mask, Connecting Tube)

- A set of nasal cannula (or mask, connecting tube etc.) can only be used by one user, and is not repeatable for different users. It should be put in the designated collection point after use so as to avoid repeated using among different patients to cause cross infection.
- The nasal cannula should be washed once every 3 days. The prongs of the cannula should be cleaned each time after use, and are suggested to be soaked with white vinegar for 5 minutes and then rinsed with water or be wiped with medical alcohol.
- It is recommended that the nasal cannula be replaced every 2 months.

Note: The oxygen tubing should be kept dry.

The waste disposal should comply with applicable national laws.

4. Check and Replacement of the Air Filter

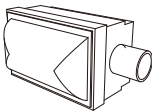


Figure 8 Air filter

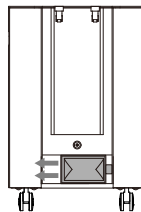


Figure 9 Air filter Replacement

- It is recommended to check the air filter after a cumulative use of 500 hours (Figure 8). If the air filter becomes black, please change it.
- When replacing the air filter, remove the humidifier first, and then slide the

air filter to the left to remove it. Place the new filter in the device chute and slide the filter to the right to install (see Figure 9).

5. Replace the Fuse

- The fuse blow rating is 2A. When the current rating of the fuse reaches 2A, the fuse will blow itself and permanently cut off the power supply. Please replace the fuse at this time.
- Turn off the power first, and then screw with a flat-blade screwdriver the fuse base located at the bottom of the device counterclockwise.
- Fuse Specification: F2AL 250V



Figure 10 Fuse Base

6. Alarm Verification

- It is suggested to done after a cumulative use of 500 hours and to be done by the after-sales engineer to trigger the alarm system for detection.

XI. Troubleshooting Guide

Trouble	Analysis	Solution
The power is turned on and the display screen is not lit	The voltage is too high to cause the fuse to fail	Replace the Fuse
	No power input	Do not use the power extension cable or move the device to another power connector
The oxygen concentrator is working, but the output of oxygen and gas is very small or almost none	The oxygen tube is tied or blocked	Re-straighten the pipeline
	The humidifier is not properly installed	Re-install the humidifier
	The air filter is clogged	Replace the air filter
Odor in the oxygen	In the initial use period, the tube and other plastic material will have some smell	The smell is from the silicone tube and ABS board, which is non-toxic, harmless and will disappear in use
	The water tank of the humidifier has odor due to no cleaning or no change of water	Please change the water or clean the humidifier
There's water coming out from the gas outlet	The water in the humidifier is above the highest water mark line, and the airflow forces the bubbles into the oxygen tube	Lower the water level in the humidifier to be below the maximum water level
After turning on, the light is normal, but the device is not working properly	The ambient temperature is too high, and the compressor starts self-protection	Turn off the power, wait until the device temperature returns to normal, and then restart
	Compressor failure	Turn off the power, and contact the professional maintenance personnel
	The internal pipes of the device are disengaged or broken	
The alarm occurs	Power outage, abnormal pressure, or abnormal concentration occur	Check the power supply and oxygen tubing
“Abnormal” and “Attention” alarming lights are on	When the flow is 3L/min and below, the oxygen concentration reaches <84% (V/V), and the “Attention” light is on; And when oxygen concentration is <56% (V/V), the “Abnormal” light is on	Check if the air filter is dirty
		Check if the gas outlet is blocked
		Check whether the oxygen tube is smooth
If the trouble can not be solved, please contact the supplier or distributor, and do not disassemble the device by yourself		

XII. Electromagnetic Compatibility Requirements


Guidance on Electromagnetic Environment

EMC
suitable

This product is applicable to the EMC standard YY 0505-2012, and is in line with the requirements of Group 1 Class B of GB4824-2013.

Please follow the instructions in the User Manual to install and use it correctly. The portable and mobile RF communication devices may influence the performance of the main unit slightly, but does not affect the normal use of it. Make sure to keep it as far as possible away from those devices. The device is suggested for necessary electromagnetic environment assessment during installation and use. Make sure to keep it as far as possible away from the strong electromagnetic radiation source.

Electrostatic Discharge

 **Warning:** The use of accessories and cables other than those specified by AVICHE may result in increased emission or reduced immunity. The device should not be used or stacked with other devices. If it is needed to be used in close proximity or stacking, it should be observed and verified that it will work properly with its configuration.

There might be dangers of electrostatic discharge in an environment that is too dry or that is prone to produce static electricity. Please use it in an environment with humidity range 30%~70%RH.

Cable Length: 1.5 m, unshielded wire;

Basic Performance: Oxygen concentration $\geq 90\%$ (V/V).


Note on Electromagnetic Emission of A35 Oxygen Concentrator :

Guidance and Manufacturer's Statement — Electromagnetic Emission		
A35 oxygen concentrator is expected to be used in the following specified electromagnetic environment, and the purchaser or the user should ensure that it is used in these electromagnetic environment:		
Emission Test	Compliance	Electromagnetic Environment — Guidance
RF Emission GB4824	Group 1	The oxygen concentrator uses radio frequency energy only for its internal functions. As a result, its RF emissions are low and the possibility of interfering with nearby electronic devices is minimal.
RF Emission GB4824	[B] Class	The oxygen concentrator is suitable for use in all facilities, including domestic facilities and direct connection to domestic residential public low voltage power supply network.
Harmonic Emission GB17625.1	[A] Class	
Voltage Fluctuation / Flicker Emission GB17625.2	In Compliance	

A35 Oxygen Concentrator Electromagnetic Immunity Description 1:

Guidance and Manufacturer's Statement — Electromagnetic Immunity			
A35 oxygen concentrator is expected to be used in the following specified electromagnetic environments, and the purchaser or the user should ensure that it is used in these electromagnetic environments:			
Immunity Test	IEC60601 Test Electrical Level	Level Match	Electromagnetic Environment — Guidance
Electrostatic Discharge GB/T17626.2	±6kV contact discharge ±8kV air discharge	±6kV contact discharge ±8kV air discharge	The ground should be wood, concrete or tiles. If the ground is covered with synthetic materials, the relative humidity should be at least 30%
Electrical Fast Transient GB/T17626.4	±2kV for power cord ±1kV for signal lines	±2kV for power cord Not applicable	ReachctrlPower should have the quality for typical commercial or hospital environments
Surge GB/T17626.5	±1kV line to line ±2kV line to ground	±0.5/1kV line to line Not applicable	ReachctrlPower should have the quality for typical commercial or hospital environments
Voltage sags, short interruptions and voltage variations occur in the power input line GB/T17626.11	<5%UT, for 0.5 cycles (In UT, >95% sag) 40%UT, for 5 cycles (In UT, 60% sag) 70% UT, for 25 cycles (In UT, 30% sag)	<5%UT, for 0.5 cycles (In UT, >95% sag) 40%UT, for 5 cycles (In UT, 60% sag) 70% UT, for 25 cycles (In UT, 30% sag)	ReachctrlPower should have the quality for typical commercial or hospital environments. If users need the medical molecular sieve oxygen concentrator to be running continuously during the interruption of the power supply, it is recommended to be powered by uninterruptible power supply (UPS) or battery
EMF (50Hz) GB17626.8	3A/m	3A/m	EMF should have the EMF level and characteristics for typical venues like commercial or hospital environments
Note: UT refers to the AC voltage before applying the test voltage.			

A35 Oxygen Concentrator Electromagnetic Immunity Description 2:

Guidance and Manufacturer's Statement — Electromagnetic Immunity			
A35 oxygen concentrator is expected to be used in the following specified electromagnetic environment, and the purchaser or the user should ensure that it is used in these electromagnetic environment:			
Immunity Test	IEC60601 Test Electrical Level	Level Match	Electromagnetic Environment — Guidance
RF Conductance GB/T17626.6	3V (Effective Value) 150kHz ~ 80MHz	3V (Effective Value)	<p>The portable and mobile RF communication devices should not be used more closely than the recommended isolation distance from any part of the medical molecular sieve oxygen concentrator, including the cables. The distance should be calculated by the formula corresponding to the transmitter frequency.</p> <p>Recommended isolation distance $d = [3.5/3] \sqrt{P}$ $d = [3.5/3] \sqrt{P}$ 80MHz ~ 800MHz $d = [7/3] \sqrt{P}$ 800MHz ~ 2.5GHz</p> <p>In the formula: P — the maximum rated output power of the transmitter depending on the transmitter manufacturer, in watts (W) as a unit; d — is the recommended isolation distance, in meters (m) as a unit.</p> <p>The field strength of the fixed RF transmitter is determined by the investigation of the electromagnetic field, which is lower in each frequency range than the coincidence level.</p> <p>Interference may occur near the devices marked with the following symbol.</p> 
RF Radiation GB/T17626.3	3V/m 80MHz ~ 2.5GHz	3V/m	

Note 1: At frequencies of 80 MHz and 800 MHz, the formula for a higher frequency band should be used.

Note 2: These guidelines may not be suitable for all situations. And electromagnetic transmission could be affected by the absorption and reflection of buildings, objects and human bodies.

c Fixed transmitter, such as: As for wireless (cellular/cordless) telephones, terrestrial mobile radio base stations, amateur radios, AM and FM radios and television broadcasts, the field strengths can not be accurately predicted in theory. In order to evaluate the electromagnetic environment of fixed RF transmitters, the investigation of electromagnetic sites should be considered. If the field strength of the place for the use of A35 oxygen concentrator is measured to be higher than the applicable radio frequency compliance level, it should be observed to verify its normal operation. If abnormal performance is observed, the supplement measures may be necessary, such as reorienting the direction or position of A35 oxygen concentrator.

d In the entire frequency range of 150kHz ~ 80 MHz, the field strength should be lower than [3]V/m.

Recommended Isolation Distance between A35 and Portable and Mobile RF Communication Devices

Recommended Isolation Distance between A35 oxygen concentrator and Portable and Mobile RF Communication Devices			
A35 oxygen concentrator is expected to be used in an electromagnetic environment with controlled radioactive radiation. Depending on the maximum rated output power of the communication device, the purchaser or the user can prevent electromagnetic interference by maintaining the minimum distance between the portable and mobile radio frequency communication device (transmitter) and A35 oxygen concentrator with the following recommendation:			
Maximum Rated Output Power of the Transmitter W	Isolation Distance Corresponding to the Different Frequencies of the Transmitter /m		
	150kHz ~ 80MHz $d = [3.5/3] \sqrt{P}$	80MHz ~ 800MHz $d = [3.5/3] \sqrt{P}$	800MHz ~ 2.5GHz $d = [7/3] \sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.37	0.37	0.74
1	1.1	1.1	2.3
10	3.6	3.6	7.3
100	11	11	23
<p>For the maximum rated output power of the transmitter not listed in the table above, the recommended isolation distance "d", in meters (m), can be determined using the formula in the corresponding transmitter frequency column. Here, "P" is the maximum rated output power of the transmitter supplied by the transmitter manufacturer, in watts (W) as a unit.</p> <p>Note 1: At frequencies of 80 MHz and 800 MHz, the formula for a higher frequency band should be used.</p> <p>Note 2: These guidelines may not be suitable for all situations. And electromagnetic transmission could be affected by the absorption and reflection of buildings, objects and human bodies.</p>			

XIII. Other Precautions

1. If the maintenance personnel needs the electrical schematic of this product, please contact the manufacturer or service point.
2. For your better use of the oxygen concentrator, when the device is running over 2000 hours, please contact the service provider for routine maintenance.
3. Environmental protection and others
The processing of packaging and consumables of the device should refer to local laws and regulations.
4. Instrument Storage Temperature: $-40^{\circ}\text{C} \sim 55^{\circ}\text{C}$
Instrument Storage Humidity: Relative humidity less than 93% RH

XIV. After-sales Service and Warranty Card

(Service Hotline: +86-400-800-9850)

1. Implement the national policy of Three Guarantees.
2. Free maintenance will be provided by AVICHE in case of quality problems within one year from the date of purchase. In case of such issue over one year, the user can seek services by right of invoice and warranty card to the after-sales service departments, branch offices and distributors of AVICHE, where the spare parts for maintenance will be provided with reasonable charges. If the user can not provide invoice, the warranty period will be identified by extension of 13 months from the date of production.
3. The followings are not covered by the warranty:
 - 3.1 Vulnerable Consumables (nasal cannula, fuse, and air filter).
 - 3.2 The liquid leaked by the users enters into the device to cause abnormal operation.
 - 3.3 The trouble caused by unauthorized demolition, repair, or transformation of the device.
 - 3.4 The trouble caused by accidental falling down in use or handling.
 - 3.5 The trouble caused by the failure to operate in accordance with the correct operations in the user manual.
 - 3.6 The damage caused by unpredictable natural disasters (such as fire, earthquakes, floods, etc.).

AVICHE remains the right to change the technology and appearance of the products and is subject to change without prior notice. Thanks for the understanding.



Warranty Card for A35 oxygen concentrator

Model	A35		
Warranty Period	From	Y/ M/ D	to Y/ M/ D
Purchaser	Name		
	Address		
	Phone		
Sales Unit	Name		
	Address		
	Phone		
After-sales Service Instructions	<p>1. Warranty</p> <p>a. Since the date of purchase, the warranty period will last for 1 year, and free maintenance will be provided (except for force majeure and human factors).</p> <p>b. The affiliated gifts will not be covered within the warranty.</p> <p>c. Proof: Purchase records, shopping certificate, and invoice.</p> <p>2. Spare Parts</p> <p>Spare parts will be provided free of charge within the warranty period, and is subject to charges out of warranty period.</p> <p>3. Contact Information for After-sales Service</p> <p>Phone: +86-400-800-9850</p>		

Manufacturer: AVICHE Shandong Medical Technology Co., Ltd.

Address: Floor 26, Building A, A2-1 Jinan Pharm Valley, Gangxingsan Road, High-tech District,
Jinan City, Shandong Province, China.

Service Hotline: +86-400-800-9850

Website: www.aviche.com

Email: aviche1@163.com

Tel/Fax: +86-531-55683666

Postcode: 250101