



RAPIDOXYGEN™

Emergency oxygen when you need it.™

R15 Quick Guide

Package Contents

- One (1) Single Use, R15 Emergency Oxygen unit with attached adult latex-free face mask in top compartment which is connected to a latex-free tube (Tube: 7 inches in length).
- Internal Chemical Contents:

Type II Water	(CAS# 7732-18-5);
Provox C, Sodium Peroxide	(CAS# 15630-89-4);
Activated Manganese Dioxide	(CAS# 1313-13-9)

Unpacking / Storage

Note: The R15 portable oxygen generator produces 100% medically pure humidified oxygen at a flow of 6 Liters/minute for a minimum of 15 minutes. The R15 will produce oxygen for approximately 45 minutes in total; however, the flow rate declines after the initial 15 minutes of oxygen flow. When activated, the system combines an oxygen-generating compound with water and a catalyst which is then broken down into water and oxygen as a medically pure, breathable, humidified gas that is identical to the oxygen that is stored in an oxygen cylinder.

- Ideal Storage Temp: 68°F (20°C) to 75°F (23.9°C)
- Max Storage Range: 40°F (4.4°C) to 104°F (40°C)

Note: Since the R15 may be stored at extreme temperatures of cold and hot (40°F-104°F), it may take up to 24 hours storage at room temperature (68°F to 75°F) prior to use to meet performance specifications of 6 Liters/minute for 15 minutes. Extended storage of the R15 at temperatures greater than 75°F may result in a reduced shelf life.

Instructions for Use

3 Simple Steps to Activate:



1. Call 911 to report medical emergency.
2. Remove R15 from shelf or cabinet and lay R15 flat (green side up) near subject.
3. Pull green tape to open mask compartment door for mask access.
4. Turn lever fully to indicated stop position to activate oxygen flow.
5. Oxygen flow should begin within 10 seconds and may be felt by sensing air flow – temperature cooling on skin or lips at the mask.
6. Secure mask on subject by placing adjustable strap over and behind head. Strap may be adjusted to custom fit head.
7. Oxygen will flow for at least 15 minutes at 6 liters/minute.
8. After initial 15 minutes of oxygen flow, oxygen will continue to flow for several minutes at lower flow rates.
9. Once used, wait an hour to ensure oxygen flow has fully stopped after which you can dispose the unit through your normal trash removal service.
10. You may reorder a replacement unit online at rapidoxygen.com, by email (sales@rapidoxygen.com) or call us Toll Free (833) 727-4362.

Note: The lever cannot be reversed once turned, and oxygen will flow for its complete oxygen flow cycle of approximately 45 minutes, with the first 15 minutes at a rate of 6 Liters/minute.

Administering Emergency Oxygen

- Emergency oxygen produced by the R15 can be administered for many breathing and cardiac emergencies, as well as injuries and illnesses. It may help improve tissue hypoxia (insufficient oxygen reaching tissue cells) and reduce pain and breathing discomfort.
- Always call 911 first, then attempt to ensure the victim's airway is clear.

4 Ways to Use the R15



Breathing Emergency:

1. Recognize the emergency (victim conscious but struggling to breathe)
2. Call 9-1-1
3. Activate the R15 and place mask over victim's mouth and nose
4. Explain to the person that help is on the way and it's important to continuously breathe in flowing oxygen until emergency medical services arrive
5. Leave the R15 on the victim until EMS arrive



Choking Emergency:

1. Recognize the emergency (victim conscious and struggling to breathe)
2. Call 9-1-1
3. If the victim is choking, immediately perform the Heimlich maneuver
4. If the victim passes out, lay the victim down on their back
5. If you can see the object in the victim's mouth, remove it – if you can't see the object, immediately activate the R15
6. Keep the R15's mask on the victim until EMS arrive
7. Begin chest compressions on the victim. Chest compressions may dislodge the blockage (the item blocking their breathing will move up or down. If it moves up to the mouth and you see it, remove the item. If it moves down, it'll go into the lungs or stomach, allowing the victim to breathe)
8. If the victim remains unconscious, continue with the R15 and chest compressions until help arrives



Cardiac Emergency with AED

1. Recognize the emergency (if victim collapsed: tap and shout)
2. Call 9-1-1
3. Check for breathing – not breathing or unconscious
4. Begin chest compressions for at least 2 mins
5. Place AED pads on/turn it on to start analysis
6. Activate the R15 and place mask over victim's mouth/nose
7. If shock is advised, stand back and issue shock
8. Begin chest compressions
9. Leave the R15 on the victim until EMS arrive
10. Continue compressions until help arrives



Cardiac Emergency without AED

1. Recognize the emergency (if victim collapsed: tap and shout)
2. Call 9-1-1
3. Check for breathing – not breathing or unconscious
4. Begin chest compressions if 2nd person there attach R15
5. Attach R15 during break. No earlier than 4 cycles of compressions
6. Begin chest compressions
7. Leave the R15 on the victim until EMS arrive
8. Continue chest compressions on the victim until emergency services arrive

Additional R15 Info



Disposal

- Once used, the R15 may be disposed in accordance with local disposal methods. Do not open the R15 or remove its contents.

Warnings and Precautions

- R15 IS A DISPOSABLE PRODUCT FOR SINGLE USE ONLY. THE R15 CANNOT BE REUSED.
- Physical damage to R15 or storing above or below recommended temperature may alter performance.
- Water droplets in the hose during use are normal. Remove mask in case of excessive condensation, vomit or secretions or if there is a noticeable color change in droplet appearance. Check and confirm clear airway.
- Flush with water immediately where contact is made with internal contents.
- Use the R15 by expiration date printed on side label
- DO NOT open R15 before or after use.
- The R15 may be stored upright but keep the R15 flat (green side up) during use.
- DO NOT smoke or use the R15 near an open flame.
- DO NOT use the R15 near oil or grease.
- Once the R15 is activated, place mask near skin to feel flow of oxygen. If oxygen does not flow within 30 seconds, confirm that tubing is not kinked or disconnected from oxygen outlet.
- The R15 may be warm to the touch during use and up to an hour after the device stops producing oxygen.

Additional Information

- Email: info@rapidoxygen.com
- Toll Free Customer Service: (833) 727-4362
- Go to www.ro2.help for additional information and demonstrations on how to use the R15
- For additional information on the R15 and our company, please visit www.rapidoxygen.com



FREQUENTLY ASKED QUESTIONS (FAQ's)

1. What is the R15™ device?

The R15 Emergency Oxygen device is the only commercially available portable emergency oxygen product that is safe to use in ALL public places and that does not require certification, training or specialized storage. This device is cleared by the Food and Drug Administration (FDA) to provide oxygen for emergency use. Once the R15 device is activated, oxygen flows through the connected mask at a therapeutic rate of 6 liters per minute for 15 minutes. The R15 device requires no electric or battery source and no maintenance. It has a 2-year shelf life, at which point a replacement R15 device may be ordered.

2. How does the R15 device work?

Once activated, the R15 generates 100% humidified emergency oxygen for a minimum of 15 minutes. Oxygen is generated after you turn a lever on the R15 device by combining sodium percarbonate with water and a catalyst. The oxygen flow rate of 6 liters per minute meets FDA criteria for an over the counter emergency oxygen delivery system.

3. What are the R15 device advantages over an oxygen gas cylinder?

Oxygen gas cylinders cannot be openly stored in public spaces due to their very high gas pressures and risk of explosion. Oxygen cylinders should be stored in specialized temperature controlled cabinets. Oxygen gas cylinders require a prescription for use and are not simple to use, particularly in an emergency - only properly certified individuals may operate an oxygen cylinder. The oxygen cylinder also must be inspected on a regular basis to ensure the pressure and valves meet FDA requirements and local safety codes.

In contrast to pressurized oxygen cylinders, the R15 produces oxygen by coming safe chemicals under very low pressure, which allows the device to be stored on an open shelf or standard cabinet. The R15 device is cleared by the FDA as an over-the-counter product to be used by untrained bystanders and without a prescription.

FREQUENTLY ASKED QUESTIONS (FAQ's) - Continued

4. Why is the R15™ Portable Emergency Oxygen device so important?

Every second counts during a breathing or cardiac emergency. Here's what happens after a victim is without oxygen:

- **At 30 – 180 seconds:** Victim may lose consciousness
- **At 1 minute:** Brain cells begin to die
- **At 3 minutes:** Lasting brain damage more likely
- **At 5 minutes:** Death may be imminent
- **At 8 minutes:** Average EMS response time

Before the R15 was developed, there was no widely ACCESSIBLE & SAFE way for bystanders to deliver emergency oxygen to victims of breathing or cardiac emergencies in public places. The R15 is NOT a pressurized oxygen cylinder and not an explosion hazard so it can be safely stored and used anywhere. The R15 is cleared by the FDA for use by anyone without training or certification and provides an additional level of life support.

The R15 is portable and is easily carried to a victim of a breathing or cardiac emergency. The R15 will provide uninterrupted emergency oxygen for 15 minutes, which is about twice as long as the average emergency medical services (EMS) response time in the United States.

5. When would you use the R15 device?

The R15 may be used for any breathing emergency, including cardiac arrest. Following are some examples of the events that can lead to breathing emergencies where the R15 device may be used:

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| ■ Allergic Reaction | ■ Drowning Victim |
| ■ Anemia | ■ Drug Overdose |
| ■ Anxiety/Panic Attack | ■ Fainting (from heat exhaustion or dehydration, etc.) |
| ■ Asthma Attack | ■ Fire |
| ■ Blood Clots in lung | ■ Heart Attack |
| ■ Carbon Monoxide or Food Poisoning | ■ Over Exertion |
| ■ Cardiac Arrest | ■ Personal injury accident causing person to pass out |
| ■ Contaminated Air | ■ Pneumonia |
| ■ COPD Flair Up | ■ Shortness of Breath/Troubled Breathing |

FREQUENTLY ASKED QUESTIONS (FAQ's) - Continued

When someone is struggling to breathe, bystanders should immediately call 911 and then use the R15 to support the victim's breathing until EMS arrives.

6. Why is emergency oxygen so important during a medical emergency?

Life-threatening medical emergencies can be accompanied by low tissue oxygen levels (not enough oxygen in the victim's blood). Even short periods of oxygen loss can lead to tissue damage, coma, or death in less than fifteen minutes. Bystander delivery of emergency oxygen using the R15 can provide additional life support until EMS arrives.

7. How does the R15 device reduce exposure to potential "premises liability"?

The R15 is a unique safety technology designed and cleared by the FDA for bystander use – like an automatic external defibrillator (AED). Incorporating the most up-to-date safety equipment into corporate protocols is a best practice that may help reduce liability when the event occurs at a company's premises.

8. Where do you place the R15 device?

The R15 should be prominently placed in highly visible public areas for rapid access during a medical emergency. It is recommended, as with AEDs, that the R15 devices are situated in locations no farther than a 1 to 2 minute walk from a main public area. Example locations include: near existing safety equipment (e.g. AEDs, fire extinguishers, first aid kits), in locker rooms, restaurant or bar areas, lobbies by a security guard, or elevator. Select multiple sites for installation of the R15 so responders do not have to go too far to find an R15 during a medical emergency as every second counts.

9. Who can use an R15 device?

Any bystander may use the R15 device to help an individual experiencing a breathing or cardiac emergency.

10. Can anyone buy an R15 device?

Yes – the R15 device does not require a prescription or special training, as does an oxygen cylinder. It is sold online at rapidooxygen.com as well as through select distributors.