



PATIENT MAINTENANCE GUIDE

P2, P2-E6, and P2-E7
Portable Oxygen Concentrators



Welcome to your comprehensive Patient Maintenance & Support Guide. This document has been designed to help you confidently manage, maintain, and troubleshoot your Portable Oxygen Concentrator (POC), ensuring that you receive steady, reliable oxygen therapy every day. Whether you use the P2, P2-E6, or P2-E7 model, this guide provides clear, step-by-step instructions for routine upkeep, including battery care, filter cleaning, and managing accessories, alongside a practical guide to living with COPD.

Please keep this handbook in an easily accessible location near your equipment so you can use it as a quick-reference manual whenever you have a routine question or encounter an unexpected technical issue.

To get the most out of this document, you can turn directly to the specific section that meets your immediate needs. If your device is functioning normally, review the Patient Guides to maximize your battery life and learn how to keep your filters clean to prevent system issues. If your device displays an alert or isn't operating correctly, jump straight to the targeted Troubleshooting Guides to resolve issues like a unit that will not turn on, runs hot, or shows low oxygen.

Please note that this guide supplements your official User Manual. If a technical issue persists after following the troubleshooting steps, immediately switch to your backup oxygen source and contact your equipment provider.



P2



P2-E6



P2-E7

Table of Contents

Managing Your COPD	4
Batteries	5
Filter Cleaning	6
Accessories	7
POC Unit Won't Turn On.....	8
POC Running Hot	9
POC is Showing Low O ₂ Alert.....	10
Maintaining Your POC/FAQs.....	11



Managing Your COPD

Your COPD diagnosis doesn't mean the end of doing the things that you love. Making simple changes can improve your quality of life with COPD on a daily basis.

CHOOSE NUTRITIOUS FOODS*



Managing COPD takes more energy than people realize. Breathing can burn up to ten times the normal calories. Eating nutrient-dense foods like lean proteins and healthy fats provides the clean fuel needed to keep respiratory muscles strong, while switching to smaller, frequent meals prevents a full stomach from pressing against your diaphragm and crowding your lungs.

The right diet can also literally lighten your breathing workload. Because your body produces less carbon dioxide when metabolizing healthy fats compared to carbohydrates, shifting toward a lower-carb, higher-fat diet reduces the amount of waste gas your lungs have to clear. Pair that with plenty of water to keep airway mucus thin, and your body doesn't have to work nearly as hard to breathe.

EXPOSURE TO POOR AIR QUALITY AND SMOKING



In addition to quitting smoking, limit your exposure to environments where air quality is poor or there is a known air quality alert.



FOLLOW YOUR PLAN OF CARE



Your care plan was designed to help you feel better. Make sure to take your medication according to your physician's instructions. This includes using your oxygen therapy as prescribed.

STAY ACTIVE



While it is important to use caution to not overexert yourself, exercising is recommended for individuals with COPD. Regular exercise can improve your breathing, make your symptoms less severe and improve your quality of life.

Even chair-bound individuals with severe breathlessness can do some adapted exercises such as upper arm exercises.

Your Rhythm POC can help you stay active on the go!

This information is provided as guidance only. Only your physician can provide a specific treatment plan for you based on your individual health limitations.

*<https://www.lung.org/lung-health-diseases/lung-disease-lookup/copd/living-with-copd/nutrition>

Batteries

Welcome to your new Rhythm Healthcare Portable Oxygen Concentrator. You may have the P2, P2-E6 or P2-E7 models of the Portable Oxygen Concentrator. The POC is designed to run off AC (or DC Power) and a battery when you are "on the go". The battery information provided is applicable for all three P2 models.

ABOUT YOUR BATTERY

Your Rhythm POC uses a Lithium-Ion battery. Lithium-Ion batteries are one of the most popular rechargeable battery technologies used today. They can be found in things such as smartphones and tablets. All Lithium-Ion batteries degrade over time, but there are steps you can take to protect the health of your battery. When well cared for you can expect up to 500 recharge cycles on your POC Battery.

Battery Tips

- » We strongly suggest that batteries be charged where the room temperature does not exceed 75°F.
- » Batteries should not be left dormant for more than 90 days. If you are not going to use the POC for an extended period of time, please be sure to partially recharge the battery every 90 days.
- » We recommend that batteries be stored in a cool, dry place with 40-50% charge.
- » We recommend that if the POC is not going to be used for an extended period of time that you remove the battery from the device and store it separately.
- » If the battery becomes submerged in water it is no longer safe to use. Please contact your provider to purchase a new battery for your unit.
- » Do not drop your battery. The battery casing may crack if dropped. If the casing is cracked or broken the battery must be replaced.
- » Do not use harsh chemicals or any oil based cleaners. The battery can be cleaned by simply wiping down with a soft damp cloth.

Expected Run Times for Batteries by Device

P2	
Setting	Battery Life
1	5 hrs
2	4 hrs
3	3 hrs
4	2.2 hrs
5	1.8 hrs

P2-E6	
Setting	Battery Life
1	5.4 hrs
2	4.8 hrs
3	3.3 hrs
4	2.5 hrs
5	2.1 hrs
6	1.7 hrs

P2-E7	
Setting	Battery Life
1	7 hrs
2	5.5 hrs
3	3.7 hrs
4	3 hrs
5	2.5 hrs
6	2 hrs
7	1.7 hrs

HEAT IS NOT YOUR BATTERY'S FRIEND!



Heat will degrade the battery which will result in shorter run times for your POC. Take care not to leave your POC in a hot car or in direct sunlight.

Filter Cleaning

Your Rhythm Healthcare Portable Oxygen Concentrator is designed to allow you the freedom to be on the go while providing you with the supplemental oxygen your physician has prescribed for you. For optimal performance of your POC, it is necessary to regularly clean and replace the unit's filters and filter cover as shown below.

CLEANING INSTRUCTIONS

WEEKLY

Pre-Filter Cover: P2: # P2PFCR-2,
P2-E6: # P2E6PFCR, P2-E7: # P2E7PFCR

1. Before cleaning the P2 Pre-Filter Cover, you should unplug the P2 from AC/DC Power and turn the P2 off.
2. Remove the Pre-Filter Cover from the unit. Your P2 unit may have a screw in the bottom of it. If it does, you must remove this screw with a small Phillips head screwdriver prior to attempting to remove the cover. Please note, the screw is optional. You do not need to have the screw in place to secure the Pre-Filter Cover to the unit.
3. Once a week, run the Pre-Filter Cover under tap water to remove any dirt and debris. For a very dirty filter cover, put some warm water in a clean plastic tub, add 1 teaspoon of mild detergent and use a soft-bristled brush such as a toothbrush to scrub the filter clean.
4. Set the filter on a clean paper towel to dry in a safe, clean, dry place.
5. It is very important that the Pre-Filter Cover is COMPLETELY dry before you place it back in the unit.
6. The P2 should not be operated without the Pre-Filter Cover in place. The Pre-Filter Cover should be replaced if lost, bent or broken.



EVERY 3 MONTHS

Cotton Filter: # P2FC-1

1. Before replacing the Cotton Filter, you should unplug the P2 from AC/DC power and turn the P2 off.
2. Remove the Pre-Filter Cover. If your P2 has a screw in it, you will need to remove the screw with a small Phillips head screwdriver prior to removing the Pre-Filter Cover.
3. The Cotton Filter is located inside the unit as shown in diagram B. The Cotton Filter CANNOT be cleaned, it must be replaced.
4. Weekly, you should inspect the Cotton Filter for signs of dirt, dust and hair.
5. The cotton filter should be changed approximately every 3 months depending on frequency of use and your air quality and environment.
6. Do not operate your P2 without the Cotton Filter in place. This may cause damage to your P2.



Diagram B



Cotton Filter
P2FC-1

These instructions are valid for the P2, P2-E6 and P2-E7 Portable Oxygen Concentrators

Accessories

Your Rhythm Healthcare Portable Oxygen Concentrator (POC) is designed to allow you to continue pursuing your passions. Whether it is going to lunch with friends or traveling by airplane, your Rhythm P2, P2-E6 and P2-E7 POC can take you where you want to go.

BATTERY OPTIONS

Extra batteries and external battery chargers allow for you to confidently take longer trips away from home.

POC CHARGERS

An extra AC or DC charger can allow you to easily move about your home or between cars, RVs or campers.

CARRYING OPTIONS

Our ergonomically designed cases and backpacks allow for easy carrying of your POC. You may also purchase a replacement carry bag for your device. Our upgraded carry bags now have easy battery access.

The P2, P2-E6 and P2-E7 POCs share the same replacement parts and accessories, with the exception of the carry cases shown below.

Please contact your provider to purchase.



Accessories for the P2, P2-E6 and P2-E7		
Item Description		Part #
①	Additional Battery	P2BY001-2
②	Battery Charger	P2PBC090
③	Battery Charging Kit (Includes Charger, Extra Battery and AC Power Supply)	PAK3
④	AC Power Supply	P2ACA-1
⑤	DC Power Supply	P2DCA-1
⑥	Carry Case - Easy Battery Access for P2 and P2-E6	P2CB-2
⑦	Carry Case - Easy Battery Access for P2-E7 (Available Sept. 2026)	P2E7-16
⑧	Premium Durable Backpack	P2BP-2
⑨	Backpack	P2BP-1

Troubleshooting

POC UNIT WON'T TURN ON

Should you find you have an instance where your unit won't turn on, please follow the below guidance before calling your supplier. You may be able to troubleshoot the issue on your own.

STEP #1: Check to see if the battery is inserted correctly



Figure A Figure B

Your battery may not be installed correctly. Remove the battery from the device by pressing down on the latch as shown in figure A. Replace the battery by sliding the battery into place until the latch returns to the upper position as shown in figure B. There will be an audible sound when the battery is installed into place correctly. After you hear the click, attempt to turn the unit back on.

STEP #2: Check to see if the battery is depleted

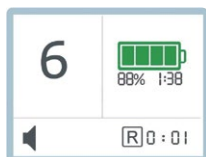


Figure C

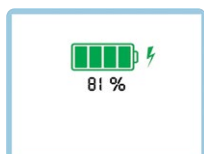
Your battery may need to be charged. Connect your POC to either AC or DC power and charge the battery. After you have plugged the unit in, you can find the percentage of battery charge on the screen at the top of the unit as shown here in Figure C (88% battery remaining). Leave the unit plugged in until the battery recharges.

STEP #3: Confirm that the AC Cord is working and connected properly



Figure D

When the AC cord is connected properly to the unit you will see a green light on the adapter and lightning bolt symbol on the screen display. The AC



cord input will also make an audible sound when affixed correctly to the device. If your AC cord does not show a green light and/or there is no lightning bolt on the display you may need to replace your AC adapter.

STEP #4: Check to see that the DC cord is working and is connected correctly



Figure E

When the DC cord is connected properly to the unit you will see a green light on the adapter and lightning bolt symbol on the screen display. The DC cord input will also make an audible sound when affixed correctly to the device. If your DC cord does not show a green light and/or there is no lightning bolt on the display you may need to replace your DC adapter.

STEP #5: Your battery may no longer be functional



Figure F

Check your battery for cracks in the casing. If the battery has been exposed to, or submerged in water or other liquid, it will not continue to work properly. If you notice cracks in the casing, you will need to obtain a new battery before utilizing the unit.

If you have tried the above steps and the unit is still not turning on, please reach out to your HME supplier where you received the unit for additional assistance.

Troubleshooting

POC IS RUNNING HOT

Should you find that your POC is running warmer or hotter than normal, we recommend following these troubleshooting tips that you can check on your own prior to calling your supplier.

STEP #1: Check to make sure that your filters are clean

Dirty filters are the most common cause of the unit running hot. The Rhythm Healthcare POC has a Pre-Filter Cover and a cotton intake filter. Please refer to the filter cleaning section of this document for guidance on cleaning the filters.



STEP #2: Check to make sure that the intake and exhaust of the POC are not blocked

If the device is in the carry bag or backpack, please make sure it is in the proper orientation to vent the exhaust.



STEP #3: Check to see if the operating environment temperature is too hot

The device is being operated in a temperature above 95°F. Recommended operating temperature is 40°F to 95°F. Operation of the POC in temperatures above 95°F may affect performance and cause the device to run unusually hot. Move to a cooler location and try operating the device again.

STEP #4: Check to make sure the device is placed in a well ventilated area

Overheating can be the result of operating the unit under blankets, in a purse, tote or other non-Rhythm Healthcare carry bag, near curtains or other areas where the unit is not well ventilated. Move the device to an area where there is better ventilation.

If you have tried the above steps and the unit is still running unusually hot, please reach out to the HME supplier where you received the unit for additional assistance.

Troubleshooting

POC IS SHOWING LOW O₂ ALERT

Should you find that your POC is showing a “Low O₂” alert, we recommend following these troubleshooting tips that you can check on your own prior to calling your supplier.

STEP #1: Filter Maintenance

Check to make sure that your filters are clean. Dirty filters are the most common cause of the unit having a low O₂ alert. The Rhythm Healthcare POC has 2 filters, a Pre-Filter Cover and a cotton intake filter. Please refer to the filter cleaning section of this document for guidance on cleaning the filters.

STEP #2: Air Flow

Check to make sure that the intake and exhaust of the POC are not blocked. If the device is in the carry bag or backpack, please make sure it is in the proper orientation to vent the exhaust.

STEP #3: Warm-Up Time

Allow the device enough time to warm up. Should you get a low O₂ alert, turn the device off and back on. Allow the device to run for 30 minutes to see if the alert resolves itself.

STEP #4: Tubing and Cannulas

Check all tubing and cannula to ensure there are no kinks or damage. If there is cracking or other damage, please turn the device off, replace the damaged components and try turning the device back on.



STEP #5: Sieve Bed

Check for a Sieve Bed Warning. Your POC uses a sieve bed to filter the air you breathe into more pure oxygen. Over time these degrade and need to be replaced. Check for an alert on your screen. If your sieve bed needs to be changed, do not attempt to open up the device. This could cause damage to the unit or bodily harm. Reach out to your supplier for assistance.

If you have tried the above steps and your POC is still showing a Low O₂ alert, please reach out to your HME supplier where you received the unit for additional assistance.

Frequently Asked Questions (FAQs)

MAINTAINING YOUR POC

Q: What maintenance do I need to perform on my POC?

A: Your POC has a Pre-Filter Cover and a Cotton Filter. The Pre-Filter Cover needs to be washed once per week. The Cotton Filter cannot be washed, it must be replaced. It should be replaced every 3 months depending on frequency of use and air quality. You can find the instructions for cleaning the filters in the filter cleaning section of this guide.

You should also wipe down the outside of the unit with a soft damp cloth to remove any dirt or debris from the unit. You should never use alcohol or harsh cleaning chemicals on your Portable Oxygen Concentrator.

TROUBLESHOOTING YOUR PORTABLE OXYGEN CONCENTRATOR

Q: My POC is getting hot when I operate it.

A: It is possible that you need to clean the Pre-Filter Cover or change the Cotton Filter. These can get dirty and cause the unit to heat up. You can learn more about cleaning the Pre-Filter Cover or changing the filter in the filter cleaning section of this guide.

Q: My POC will not turn on.

A: If the POC will not turn on at all, please refer to the following table for common troubleshooting tips.

Possible Cause	Recommended Solution
Battery is not installed correctly	Remove the battery and re-install it
AC Power Supply is not connected correctly	Check the AC power connection and verify solid green light on adapter
DC Power Supply is not connected correctly	Check the DC power connection and connection at the cigarette lighter or auxiliary power source.
Battery is depleted	Use the AC or DC power supply to operate the device (with the battery inserted) to recharge the battery. If this does not resolve the issue, please contact your equipment provider.

Q: There does not appear to be oxygen coming from my device.

A: Please refer to the table below for common troubleshooting tips if there is no oxygen coming from your Portable Oxygen Concentrator:

Possible Cause	Recommended Solution
The POC is not turned on	Turn on the POC
The cannula is kinked or obstructed	Check the cannula and its connection to the oxygen outlet port. If the cannula is damaged, replace the cannula.
Equipment failure	Contact your Medical Equipment Supplier

Q: I'm receiving a low O₂ alert.

A: See the Low O₂ troubleshooting guide on page 10.

WARRANTY CLAIMS

Q: My Portable Oxygen Concentrator is not working. Should I call Rhythm Healthcare?

A: If you have tried the troubleshooting tips in the above section, or your device is showing an error code, you will need to contact your provider. Rhythm Healthcare does not sell prescription devices directly to patients. We sell exclusively to HME Supplier Partners. Please reach out to the company that provided or sold you the device to request assistance in troubleshooting or repair/replacement as needed.

YOUR POC AND BATTERY LIFE

Q: Can I buy additional batteries for my POC?

A: Yes, additional batteries are available for purchase. You may want to check with the company that you received your device from. Please note that the batteries are interchangeable for the P2, P2-E6 and P2-E7.

Part Number	Description
P2BY001-2	P2 Standard Battery

Q: I bought an extra battery for my P2. Do you offer an external battery charger?

A: Yes, we do offer an optional external battery charger for purchase. You may want to check with the company that you received your device from. The external battery charger is the same for the P2, P2-E6 and P2-E7 devices as they use the same battery.

Part Number	Description
P2PBC090	Battery Charger
PAK3	Battery Charger Bundle (Includes Battery, External Battery Charger and AC Power Supply)

Q: It seems like my battery does not last as long as it used to. Is there something wrong with it?

A: The P2 uses a Lithium-Ion Battery. Lithium-Ion batteries degrade over time. This means that, over time, the battery's life will shorten, and the battery will not last as long. Our batteries are designed to last for approximately 500 cycles when cared for and stored properly. You can learn more about your POC in the batteries section of this guide.

Q: What steps can I take to extend the life of the battery for my P2 Portable Oxygen Concentrator?

A: Batteries that are well cared for will last longer. Here are some ways to extend the life of your P2 Battery:

- » Keep your battery out of the hot sun and places that have high temperatures. This includes leaving your P2 in the car during hot weather.
- » Humidity can impact the cell of the battery and decrease the health of your battery. When possible, reduce the level of humidity that the P2 Battery is stored in.
- » Take care not to drop your battery. If your battery is cracked or broken, you will need to replace your battery.
- » Do not keep device or your battery near large water sources, such as the pool. While the unit is IP22 certified against some water ingress (such as running to your car in a light rain shower) the P2 and the battery should not be submersed in water. If your device/battery are submersed in water, the device should not be utilized until it is inspected by your HME provider or an authorized service provider.
- » Do not utilize any charger for the P2 unit or battery charger other than those manufactured and/or recommended by Rhythm Healthcare.

Q: How long can I expect my P2 Battery to last?

A: Battery run times vary based on several factors including the age of the battery, the setting the unit is being utilized on and the operating conditions. The following charts are estimates only and your actual battery run times may vary.

EXPECTED BATTERY DURATION SETTINGS

P2

Setting	Battery Life
1	5 hrs
2	4 hrs
3	3 hrs
4	2.2 hrs
5	1.8 hrs

P2-E6

Setting	Battery Life
1	5.4 hrs
2	4.8 hrs
3	3.3 hrs
4	2.5 hrs
5	2.1 hrs
6	1.7 hrs

P2-E7

Setting	Battery Life
1	7 hrs
2	5.5 hrs
3	3.7 hrs
4	3 hrs
5	2.5 hrs
6	2 hrs
7	1.7 hrs

TRAVELING WITH YOUR PORTABLE OXYGEN CONCENTRATOR

Q: Can I bring my Portable Oxygen Concentrator on an airplane?

A: While Rhythm Healthcare always recommends checking with your airline prior to travel, all Rhythm Healthcare Portable Oxygen Concentrators are labeled with the following statement required by the FAA for use on board aircraft:

The manufacturer of this POC has determined this device conforms to all applicable FAA acceptance criteria for POC carriage and use on board aircraft.

Requirements for traveling with a POC vary by airline. Please confirm any documentation requirements before your flight and bring at least 150% of the maximum flight time in battery duration.

Q: Can I utilize my POC in the car?

A: Yes, your POC can be used in the car. We recommend bringing along your DC charger to keep the device charged on longer trips. Please note, we do not recommend that the POC be left in a hot car. The heat can impact the battery's health.

Q: Can I sleep with my Portable Oxygen Concentrator?

A: Rhythm Portable Oxygen Concentrators can be used at night for clinically acceptable patients. Patients should consult with their physician to determine if utilizing a portable oxygen concentrator is clinically recommended.

UNDERSTANDING YOUR PORTABLE OXYGEN CONCENTRATOR SETTINGS

Q: I am on a setting of 2 for my stationary oxygen concentrator, but my doctor wants me on a setting of 3 with my POC – I don't understand why they are different.

A: Only your physician can explain the reasons for your prescription settings. It is important to realize that a stationary oxygen concentrator provides a continuous flow of oxygen to you while your POC provides a "pulse dose" which "triggers" the release of oxygen during inhalation. Pulse dose technology helps to preserve the battery life of the unit. You should never change the setting (up or down) on your POC without discussing with your physician.



Notes



rhythmhc.com