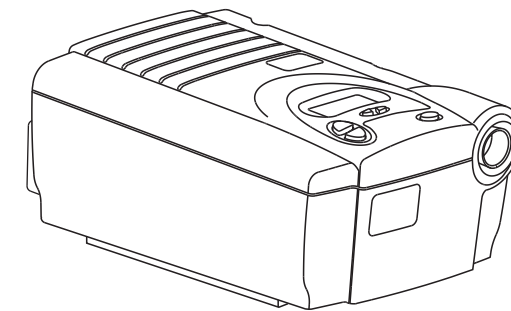


**PEOPLE
PRODUCTS
PROGRAMS**



REMstar® | pro with C-Flex™
CPAP System

User Manual



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Symbols

 Attention, consult accompanying documents


 AC Power


 DC Power


 Type BF Applied Part

 Class II (Double Insulated)

IPX0 Ordinary Equipment Rating

 European CE Declaration of Conformity

 Notified Body Approval for Standards Compliance

 Canadian/US Certification

REMstar Pro with C-Flex CPAP systems are the subject of U.S. patent #5239995 and #6105575. Other patents pending.
REMstar is a trademark of Respiroics, Inc.

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Intended Use

Intended Use

The Respironics REMstar Pro with C-Flex system is a CPAP (Continuous Positive Airway Pressure) device designed for the treatment of adult Obstructive Sleep Apnea (OSA) only.

The REMstar Pro with C-Flex is to be used only on the instruction of a licensed health care professional. Your home care provider will make the correct pressure settings according to your health care professional's prescription.

Several accessories are available to make your OSA treatment with the REMstar Pro with C-Flex CPAP system as convenient and comfortable as possible. To ensure that you receive the safe, effective therapy prescribed for you, use only Respironics accessories.

IMPORTANT!

Read and understand the entire user's manual before operating this system. If you have any questions concerning the use of this system, contact your home care provider or health care professional.

Contraindications

Studies have shown that the following pre-existing conditions may contraindicate the use of positive airway pressure therapy for some patients:

- Bullous Lung Disease
- Bypassed Upper Airway
- Pneumothorax
- Pathologically Low Blood Pressure
- Pneumocephalus has been reported in a patient using nasal Continuous Positive Airway Pressure. Caution should be used when prescribing CPAP for susceptible patients such as those with: cerebral spinal fluid (CSF) leaks, abnormalities of the cribriform plate, prior history of head trauma, and/or pneumocephalus.
(Chest 1989; 96:1425-1426)

The use of positive airway pressure therapy may be temporarily contraindicated if you exhibit signs of a sinus or middle ear infection. Contact your health care professional if you have any questions concerning your therapy.

Specifications

Device Size	Dimensions: 9 1/2" x 6 7/8" x 4 1/2" (24 x 17 x 12 cm) Weight: <4.0 lbs. (<1.8 kg)												
Product Use, Transport, and Storage	<table><thead><tr><th></th><th>Operation</th><th>Transport & Storage</th></tr></thead><tbody><tr><td>Temperature:</td><td>41 to 95° F (5 to 35° C)</td><td>-4 to 140° F (-20 to 60° C)</td></tr><tr><td>Humidity:</td><td>15 to 95% Non-condensing</td><td>15 to 95% Non-condensing</td></tr><tr><td>Atmospheric Pressure:</td><td>83 to 102 kPascals</td><td>N/A</td></tr></tbody></table>		Operation	Transport & Storage	Temperature:	41 to 95° F (5 to 35° C)	-4 to 140° F (-20 to 60° C)	Humidity:	15 to 95% Non-condensing	15 to 95% Non-condensing	Atmospheric Pressure:	83 to 102 kPascals	N/A
	Operation	Transport & Storage											
Temperature:	41 to 95° F (5 to 35° C)	-4 to 140° F (-20 to 60° C)											
Humidity:	15 to 95% Non-condensing	15 to 95% Non-condensing											
Atmospheric Pressure:	83 to 102 kPascals	N/A											
Standards Compliance	This device is designed to conform to the following standard: IEC 60601-1 General Requirements for Safety of Medical Electrical Equipment												
Mode of Operation	Continuous												
AC Power Consumption	100 - 240 VAC, 50/60 Hz, 1.0 A max.												
Type of Protection Against Electric Shock	Class II Equipment												
Degree of Protection Against Electric Shock	Type BF Applied Part												
Degree of Protection Against Ingress of Water	IPX0 - Ordinary Equipment												
Pressure Range	4 to 20 cm H ₂ O (in 0.2 cm increments)												
Sound Pressure Level	<30 dB(A)												
Maximum Flow	35 LPM												



Warnings & Cautions

CAUTION!

- *US federal law restricts this device to sale by or on the order of a physician.*

WARNING!

Indicates the possibility for injury to the user or the operator.

- *The instructions in this manual are not intended to supersede established medical protocols.*
- *This device is intended for adult use only.*
- *This device is not intended for life support.*
- *CPAP devices have the potential to allow rebreathing of exhaled air. To reduce this potential, observe the following:*
 - *Use Respironics circuit accessories.*
 - *Do not wear the mask and headgear for more than a few minutes while the device is not operating.*
 - *Do not block or try to seal the vent holes in the exhalation port.*

As with most CPAP devices: At low CPAP pressures, some exhaled gas (CO₂) may remain in the mask and be rebreathed.

- *Do not use this device if the room temperature is warmer than 95° F (35° C). If this device is used at room temperatures warmer than 95° F (35° C), the temperature of the airflow may exceed 106° F (41° C). This could cause irritation to your airway.*
- *This equipment is not suitable for use in the presence of a flammable anaesthetic mixture in combination with oxygen or air, or in the presence of nitrous oxide.*
- *If you notice any unexplained changes in the performance of the REMstar Pro with C-Flex, if it is making unusual or harsh sounds, if it has been dropped or mishandled, if the enclosure is broken, or if water has entered the enclosure, disconnect the power cord and discontinue use. Contact your home care provider.*
- *To avoid electrical shock, disconnect the power cord before cleaning. DO NOT immerse the device in any fluids.*
- *Contact your health care professional if symptoms of sleep apnea recur.*

CAUTION!

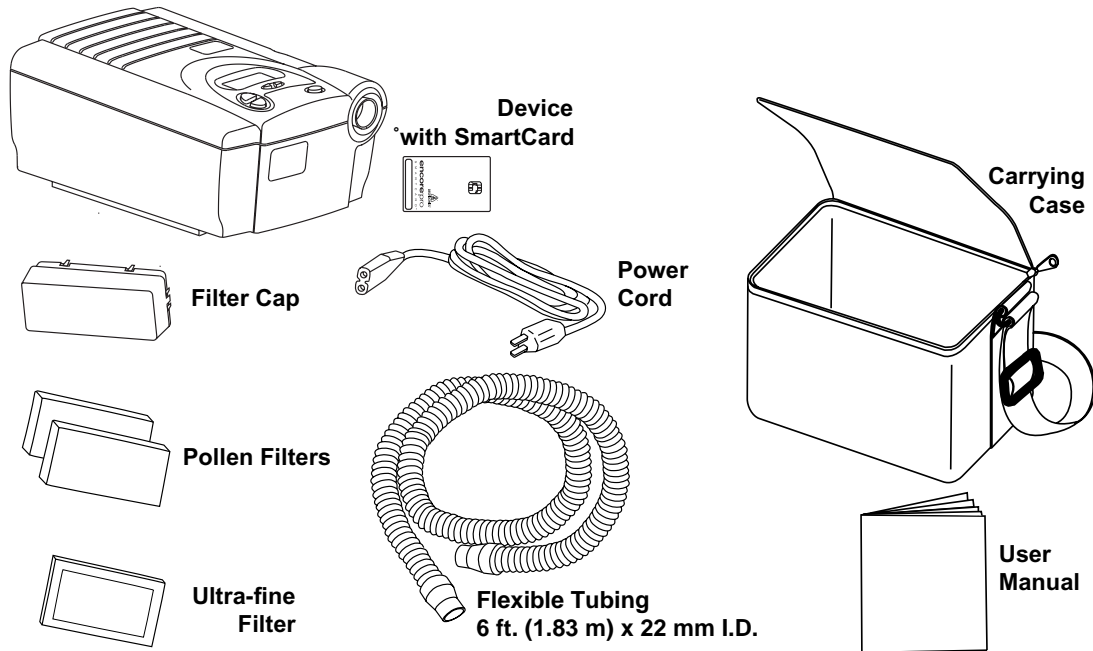
Indicates the possibility of damage to the device.

- *Tobacco smoke may cause tar build-up within the REMstar Pro with C-Flex that may result in the REMstar Pro with C-Flex malfunctioning.*

Additional warnings and cautions are located throughout this manual as they apply.

Unpacking the System

After unpacking the system, make sure you have everything shown here:

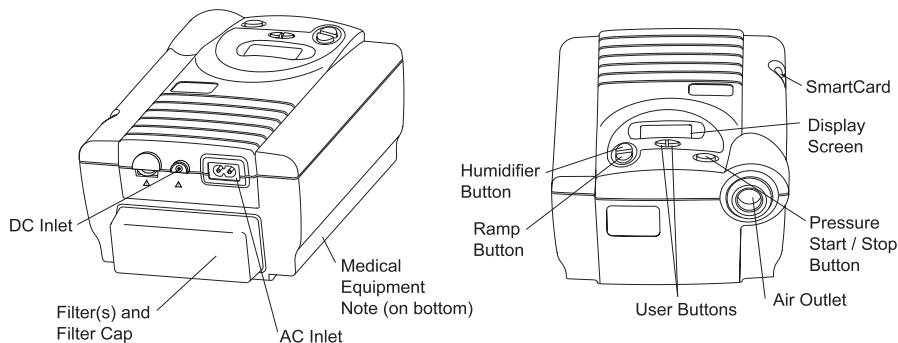


IMPORTANT! *If any of the above parts are missing, contact your home care provider.*

The Encore Pro SmartCard records CPAP usage. The SmartCard also can record your answers to the FOSQ "Quality of Life" questionnaire. Your health care professional or home care provider may ask you to periodically complete this questionnaire. Your answers can be recorded on the SmartCard or you can circle your answers on the enclosed FOSQ brochure.



System Features



AC Inlet Connect/disconnect the AC power cord here.

Air Outlet Connect the flexible tubing here.

DC Inlet Connect the optional DC power cord here.

Display Screen All system settings, total operating time, and therapy hours will appear here. Displays the pressure settings.

Filter Cap & Filters The pollen filter screens out normal household dust and pollens. The optional, ultra-fine filter is also included for more complete filtration of very fine particles. The filter cap is designed to reduce the noise from the REMstar Pro with C-Flex.

Humidifier Button This button turns the REMstar Heated Humidifier on/off and allows the heat setting to be adjusted. The humidifier is an optional accessory that may be purchased separately.

Medical Product Note For ease at airport security stations, there is a note on the bottom of the REMstar Pro with C-Flex stating that it is medical equipment. It may help if you also take this manual with you when you travel.

Pressure Start/Stop

Button This button starts/stops the airflow.

Ramp Button This button starts the ramp cycle or accesses the REMstar Pro with C-Flex settings.

SmartCard The SmartCard records device usage information (e.g., length of time the system was used for therapy). Contact your home care provider for further information about the SmartCard.

User Buttons These buttons can be used to change some of the system settings and to answer the FOSQ quality of life questionnaire.

First Time Setup

WARNING!

Do not use the REMstar Pro with C-Flex System until an appropriate professional adjusts the settings! To order any accessories not included with this System, contact your home care provider.

Note to home care provider: Before beginning setup, be sure that you have available the REMstar Pro with C-Flex Home Care Provider Setup Instructions. Setup instructions are not provided in this manual.

WARNING!

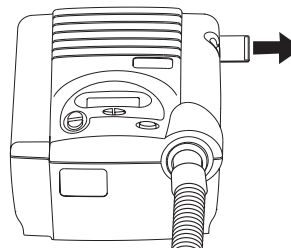
DO NOT connect any equipment to the REMstar Pro with C-Flex unless recommended by Respironics or your health care provider.

CAUTION!

If the REMstar Pro with C-Flex has been exposed to either very hot or very cold temperatures, allow it to adjust to room temperature (approximately 2 hours) before beginning setup.

SmartCard

The REMstar Pro with C-Flex comes with a SmartCard installed in the side of the device to record information for the home care provider. Your home care provider may ask you to periodically remove the SmartCard and send it to him/her for evaluation.



ATTENTION!

The SmartCard does not need to be installed for the REMstar Pro with C-Flex to work properly. The SmartCard records device usage information for use by your home care provider. Contact your home care provider if you have any questions about the SmartCard.



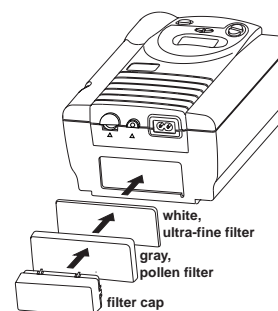
First Time Setup

Installing the Filter

CAUTION!

1. Install the filters and filter cap.

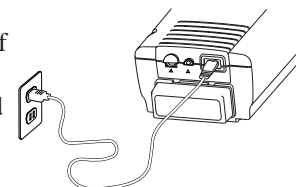
The pollen filter must be in place at all times when the REMstar Pro with C-Flex is operating. The white ultra-fine filter is optional and can be used in addition to the pollen filter. The ultra-fine filter is recommended for people who are sensitive to tobacco smoke or other small particles.



- a. Place one of the pollen filters over the ultra-fine filter. If you are not using the ultra-fine filter, simply place the pollen filter into the filter area on the back of the REMstar Pro with C-Flex. An extra filter is included for your convenience.
- b. Attach the filter cap. Position the cap so that the small opening on the cap is facing down. Insert the cap's tabs into the filter area opening.

Power Cord

2. Connect the power cord. Plug the socket end of the power cord into the AC inlet on the back of the REMstar Pro with C-Flex. Plug the pronged end of the power cord into an electrical outlet.



IMPORTANT!

To remove AC power, disconnect the power cord from the electrical outlet.

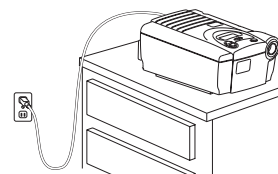
WARNING!

Inspect the power cord often for any signs of damage. Replace a damaged cord immediately.

WARNING!

The REMstar Pro with C-Flex is activated and ready for use when the power cord is connected. The pressure start / stop button turns the blower on/off.

3. Place the REMstar Pro with C-Flex on a firm, flat surface.



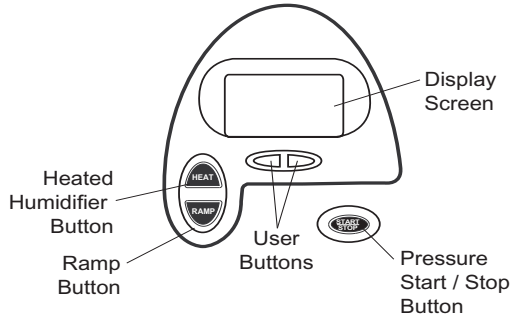
CAUTION!

Make sure the REMstar Pro with C-Flex is away from any heating or cooling equipment (e.g., forced air vents, radiators, air conditioners). Also make sure that bedding, curtains, or other items are not blocking the filter or vents of the device. Air must flow freely around the device for the system to work properly.

First Time Setup

Device Settings

Once the power cord is plugged in, REMstar Pro with C-Flex’s system version number, the total hours of use, and then the total therapy hours will appear. The word “Card” in the lower right corner of the display screen signifies that the SmartCard is installed.



Display Screen: All device settings will appear here.

Pressure Start/Stop Button: Use this button to start/stop the airflow. DO NOT start the airflow until the circuit tubing is connected.

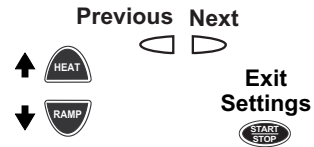
Heated Humidifier Button: Use this button when the optional REMstar Heated Humidifier has been prescribed. This button will control the optional heated humidifier’s output. Follow the instructions included with the humidifier.

Ramp Button: When the airflow is turned on, use this button to start the ramp cycle (which lowers the airflow pressure). This will allow you to fall asleep more comfortably. When the airflow is turned off, use this button to access the patient menu. *Note: The ramp feature is not prescribed for all users.*

User Buttons: These buttons can be used when entering various menus to change some of the REMstar Pro with C-Flex settings.

IMPORTANT!

In the Setup Menu, the humidifier and ramp buttons operate as up and down keys to change the settings, the left/right user buttons are used to go to the previous/next question or setting, and the start/stop button will allow you to exit the Settings Menu.



First Time Setup

Device Settings

4. **Verify/Change the REMstar Pro with C-Flex settings.** To start the setup menu, press and hold the ramp button until the device beeps (The airflow must be turned off.)

IMPORTANT! *Pressing the ramp button (when the airflow is turned on) will lower the airflow pressure, if prescribed.*

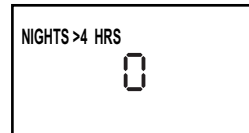
WARNING! *DO NOT use the REMstar Pro with C-Flex if the display is erratic. Contact your home care provider for further instructions.*

IMPORTANT! *If at any time you wish to exit the setup menu, press the pressure on/off button and the display will go back to the main screen.*

Therapy Hours

- a. **The number of nights the REMstar Pro with C-Flex was used for therapy for more than 4 hours will appear.**

This screen is only for reference. Your home care provider may periodically ask you for this information.



Press the right user button to go to the next setting.

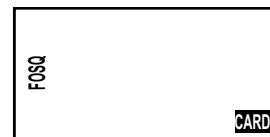
FOSQ

- b. **FOSQ will appear and flash.**

Note: FOSQ will only appear if the SmartCard has been installed. If the SmartCard is not installed, go to Step c.

FOSQ is a “quality of life”

questionnaire designed specifically for people with sleep disorders. The results allow health care professionals to see how therapy has improved the quality of your life. The REMstar Pro with C-Flex has the ability to record your answers on the SmartCard for later review by your health care professional.



To take the FOSQ test, go to page 18 for instructions.

To skip the FOSQ test and continue with the settings, press the right user button.

First Time Setup

Turning the Alert Tone On or Off

- c. **The patient disconnect alert setting will appear and flash.** This setting has two functions. When a large, continuous air leak (such as mask removal) has been detected in the circuit, it enables/disables the audible alert (a beeping sound) and the Auto-off feature which allows the REMstar Pro with C-Flex to automatically turn the airflow OFF. You have the option of turning the alert tone on or off.



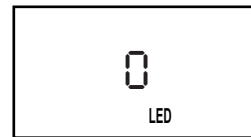
1 = on 0 = off

To change the setting, press the ramp or humidifier button until the correct setting appears.

Press the right user button to go to the next setting.

Setting the Button Lights

- d. **The button lights setting will appear and flash.** This setting allows you to have the lights behind the buttons turned on or off while the airflow is turned on. (The lights will always be on when the airflow is off.)



1 = on 0 = off

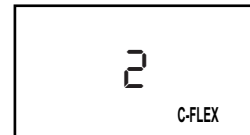
To change the setting, press the ramp or humidifier button until the correct setting appears.

Press the right user button to go to the next setting.

First Time Setup

Setting the C-Flex Level

- e. **The C-Flex level setting displays the C-Flex level set by your home care provider.** *Note: This setting will only appear if C-Flex was prescribed for you.*



This setting allows you to adjust the level of air pressure relief that you feel when you exhale during therapy.

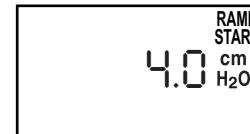
Your home care provider will have already set a C-Flex level. If this is not comfortable for you, you can increase or decrease the setting. The setting of “1” provides a small amount of pressure relief. To increase the pressure relief, change the setting to “2” or “3.”

To change the setting, press the ramp or humidifier button.

Press the right user button to go to the next setting.

Setting the Ramp Starting Pressure

- f. **The ramp starting pressure will appear.** *Note: This setting will only appear if ramp was prescribed for you.*



The ramp feature will reduce the pressure and then gradually increase (ramp) the pressure to the prescription pressure setting so that you can fall asleep more comfortably.

Your home care provider will have already set a ramp starting pressure. If you feel the ramp starting pressure is set too low or too high, you can change the setting. (Range: 4 cm H₂O - Prescription Pressure)

To change the setting, press the ramp or humidifier button.
(You can hold the button down to make the setting change faster.)

The settings are complete. Press the pressure start/stop button to exit the settings menu. Or, if you want to return to step a, press the right user button.

First Time Setup

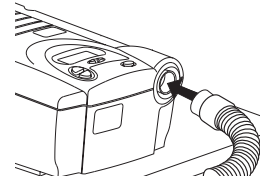
Assembling the Circuit

5. **Assemble the circuit.** To use the System, you will need the following accessories in order to assemble the recommended circuit.
- **Respironics nasal mask with integrated exhalation port**
(or Respironics mask with separate exhalation port such as the Whisper Swivel® II)
 - **Respironics 6 ft. (1.83 m) x 22 mm I.D. flexible tubing**
 - **Respironics headgear** (for the mask)

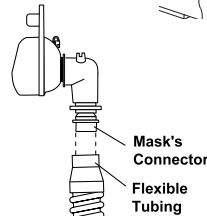
WARNING!

If the REMstar Pro with C-Flex is used for multiple persons (e.g., rental devices) a low-resistance, main flow bacteria filter should be installed in-line between the REMstar Pro with C-Flex and the circuit tubing. Pressures must be verified by your home care provider when alternate or optional accessories are in place.

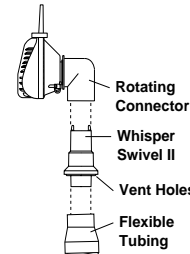
- a. **Connect the flexible tubing to the air outlet on the front of the REMstar Pro with C-Flex.**



- b. ***If you are using a mask with a built-in exhalation port*** connect the mask's connector to the flexible tubing.



If you are using a mask with a separate exhalation port connect the flexible tubing to the exhalation port. Position the exhalation port so that the vented air is blowing away from your face. Connect the mask's connector to the exhalation port.



WARNING!

Do not block or otherwise try to seal the air openings (vent holes) on the exhalation port. Explanation of the warning: The REMstar Pro with C-Flex is intended to be used with masks and circuits that have an exhalation port designed to exhaust CO₂ from the circuit. When the REMstar Pro with C-Flex is turned on and functioning properly, new air from the REMstar Pro with C-Flex flushes the exhaled air out through the exhalation port. When the REMstar Pro with C-Flex is turned off, enough fresh air will not be provided through the mask, and exhaled air may be rebreathed. Rebreathing of exhaled air for longer than several minutes can, in some circumstances, lead to suffocation.

WARNING!

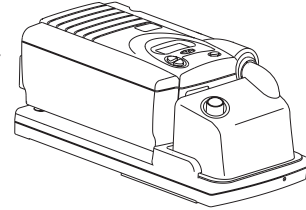
If you are using a full face mask (i.e., a mask covering both your mouth and your nose), the mask must be equipped with a safety (entrainment) valve.

Accessories

Contact your home care provider for additional information on the accessories available for the REMstar Pro with C-Flex system. When using optional accessories, always follow the instructions enclosed with the accessories.

Adding a Humidifier

The REMstar Heated Humidifier and Pass-over humidifier are available from your home care provider. The humidifiers may reduce nasal dryness and irritation by adding moisture (and heat if applicable) to the airflow.



WARNING!

Always place the humidifier at the same level or lower than the REMstar Pro with C-Flex device and the mask so that any excess condensation in the tubing drains back into the water chamber. The humidifier must be level for proper operation. DC power cannot be used to operate the heated humidifier.

Adding Oxygen

Oxygen may be added at the mask connection. Please note the warnings listed below when using oxygen with the REMstar Pro with C-Flex.

WARNING!

The oxygen supply must comply with the local regulations for medical oxygen.

WARNING!

A Respironics Pressure Valve (part number 302418) must be placed in-line with the patient circuit.

WARNING!

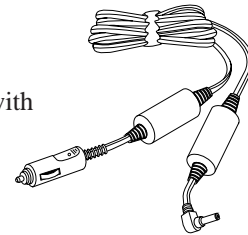
Turn the REMstar Pro with C-Flex on before turning the oxygen on. Turn the oxygen off before turning the REMstar Pro with C-Flex off. Explanation of Warning: When the device is turned off, but the oxygen flow is still turned on, oxygen may accumulate within the device enclosure and create a fire risk. Turning the oxygen off before turning the device off will prevent oxygen accumulation in the device and will reduce the risk of fire.

WARNING!

Oxygen accelerates fires. Keep the REMstar Pro with C-Flex and the oxygen container away from heat, open flames, any oily substance, or other sources of ignition. **DO NOT** smoke in the area near the REMstar Pro with C-Flex or the oxygen container.

Using DC Power

You can also use the REMstar Pro with C-Flex in a stationary recreational vehicle, boat, or motor home with a 12 volt DC power source. Do not operate the REMstar Pro with C-Flex while the vehicle is in motion. Contact your home care provider for additional information.



CAUTION!

Use only the Respironics DC power system available from your home care provider. Use of any other system may cause damage to the REMstar Pro with C-Flex or your vehicle.

Routine Use

Connecting the Circuit

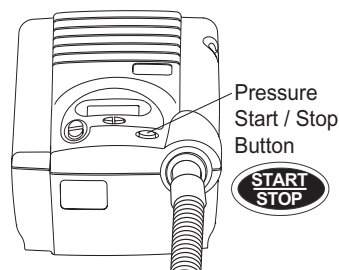
IMPORTANT!

1. Connect the circuit.

Before each use, examine the flexible tubing for any damage or debris. If necessary, clean the tubing to remove the debris. Replace any damaged tubing.

a. Connect the mask to the headgear, following the instructions included with the headgear.

b. Put on the mask and headgear, and breathe normally through your nose. The airflow should automatically start when you begin breathing through the circuit. If the airflow does not start within four breaths, press the pressure start/stop button on the top of the REMstar Pro with C-Flex. When operating the system with some mask types or some circuit configurations, the airflow may NOT start automatically.



Adjusting the Circuit

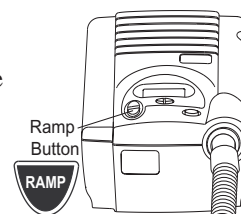
2. Adjust the circuit. Lie down on your bed, and adjust the flexible tubing so it is free to move if you turn in your sleep. Adjust the mask and headgear until you have a comfortable fit and there are no airflow leaks into your eyes.

Routine Use

Using the Ramp Button

Pressing the Ramp button will reduce the air pressure when you are trying to fall asleep. The air pressure will gradually increase until your prescription pressure is reached. **If your health care professional prescribed ramp for you, pressing the button will reduce the pressure and then gradually increase (ramp) the pressure to the therapeutic pressure setting so that you can fall asleep more comfortably.** *Note: The ramp feature is not prescribed for all users.*

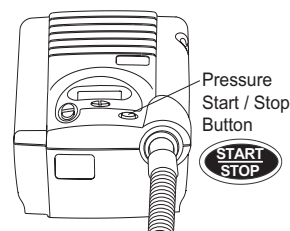
3. Press the Ramp button on the top of the REMstar Pro with C-Flex. You can use the Ramp button as often as you wish during the night.



Turning the System OFF

4. Remove the mask and headgear. Press the pressure on/off button on the top of the REMstar Pro with C-Flex to turn the airflow OFF.

Or, if the patient disconnect alert setting has been turned on, the airflow will automatically turn off. When you remove the mask, the airflow will decrease to a low pressure. After approximately 45 seconds the alert tone will sound. Then the airflow will automatically turn off (in less than 2 minutes after you remove the mask).



IMPORTANT!



The humidifier button is active only when a REMstar Heated Humidifier is connected or when the REMstar Pro with C-Flex is in the Setup Menu. Refer to the REMstar Heated Humidifier's instructions for additional information.

Helpful Hints

- If the alert tone sounds, press any button on the REMstar Pro with C-Flex to silence the alert tone. Refer to the "Troubleshooting" section of the manual for further instructions.
- Make sure that bedding, curtains, or other items are not blocking the filter or vents of the REMstar Pro with C-Flex. Air must flow freely around the REMstar Pro with C-Flex for the system to work properly.
- If the airflow from the REMstar Pro with C-Flex feels cold, reposition the circuit tubing so that it runs under your bed covers to reduce heat loss while you sleep.

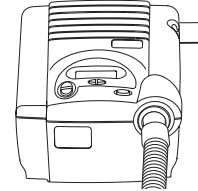
FOSQ

Taking the FOSQ Test

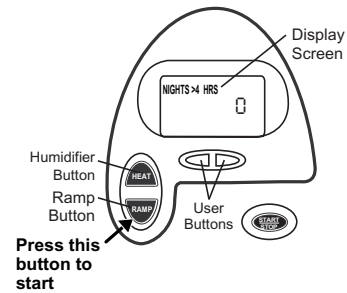
If your health care professional or home care provider instructs you to complete the FOSQ “quality of life” questionnaire, you can enter your answers into the REMstar Pro with C-Flex.

1. **Make sure that the SmartCard is installed in the side of the REMstar Pro with C-Flex.**

Answers to the questions are saved onto the SmartCard.

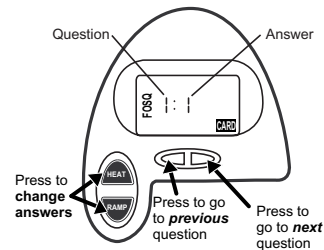


2. **To start the questionnaire, press and hold the ramp button until the REMstar Pro with C-Flex beeps (the airflow must be turned off). The number of nights the REMstar Pro with C-Flex was used for therapy for more than 4 hours will appear.** This screen is only for reference.



Press the right user button.

3. **The word FOSQ will appear on the display and flash.** In the lower right corner of the screen, the word “Card” will appear so that you know the SmartCard has been installed properly.



Press the humidifier button. The word FOSQ will stop flashing. The number of the question will appear to the left of the colon, and the answer will appear to the right and flash. Using the FOSQ brochure (from your home care provider), read each question. The answer selection will be printed below the question.

Press the humidifier or ramp button to change the answer.

Press the right user button to go to the next question. Press the left user button to go to the previous question if needed.

4. **After all of the questions have been answered, press the right user button to exit the questionnaire.**



Routine Maintenance

Cleaning the Filter

The gray pollen filter should be cleaned at least once every two weeks under normal usage and replaced with a new one every six months. The white ultra-fine filter is disposable and should be replaced after 30 nights of use or sooner if it appears dirty. DO NOT clean the ultra-fine filter.

CAUTION!

Operating the REMstar Pro with C-Flex with a dirty filter may keep the system from working properly and may damage the REMstar Pro with C-Flex.

1. Remove the filter cap by gently pressing on its sides.
2. Change the filter.
 - a. Remove the pollen filter by gently pulling around the edges of the filter. Rinse the filter in a steady stream of running water. Squeeze out the water and repeat. Air dry the filter on a rack for 8 to 12 hours or in a clothes dryer for 15 to 20 minutes.

If you are using the white ultra-fine filter and it appears dirty, discard the filter and replace it with a new one.
 - b. Place the white ultra-fine filter under the clean pollen filter. Insert the filter(s) into the filter area on the back of the REMstar Pro with C-Flex. Replace the filter cap.

CAUTION!

Never install a wet filter into the REMstar Pro with C-Flex. We recommend that you clean the filter in the morning and alternate using the two filters provided with the system to ensure enough drying time for the cleaned filter.

Cleaning the System

Clean the mask and tubing daily.

WARNING!

To avoid electrical shock, unplug the REMstar Pro with C-Flex before cleaning. Do not immerse the REMstar Pro with C-Flex in any fluids.

1. Disconnect the flexible tubing from the REMstar Pro with C-Flex. Gently wash the flexible tubing in a solution of warm water and a mild detergent. Rinse the tubing thoroughly and air dry.
2. Wipe the outside of the REMstar Pro with C-Flex with a cloth slightly dampened with water and a mild detergent. Let the REMstar Pro with C-Flex dry before plugging in the power cord.
3. Inspect the REMstar Pro with C-Flex and all circuit parts for any damage after cleaning. Replace any damaged parts.
4. For details on cleaning your mask and accessories, refer to the cleaning instructions packaged with the accessories.

Reordering / Service / Traveling with the System

Reordering

Contact your home care provider to order accessories or replacement filters.

Service

The REMstar Pro with C-Flex system does not require routine servicing.

WARNING!

If you notice any unexplained changes in the performance of the REMstar Pro with C-Flex, if it is making unusual or harsh sounds, if it has been dropped or mishandled, if the enclosure is broken, or if water has entered the enclosure, discontinue use. Contact your home care provider.

WARNING!

If the REMstar Pro with C-Flex malfunctions, contact your home care provider immediately. Never attempt to open the REMstar Pro with C-Flex's enclosure. Repairs and adjustments must be performed by Respironics authorized service personnel only. Unauthorized service could cause injury, invalidate the warranty, or result in costly damage.

Disposal

When necessary, dispose of the REMstar Pro with C-Flex and accessories in accordance with local regulations.

Packing the System

When you are traveling, the carrying case is for carry-on luggage only. The carrying case will not protect the system if it is stored as checked baggage.

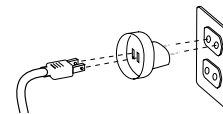
Security Stations

For convenience at security stations, there is a note on the bottom of the REMstar Pro with C-Flex stating that it is medical equipment. It may be helpful to bring this manual along with you to help security personnel understand the REMstar Pro with C-Flex.

Checking the Power Cord


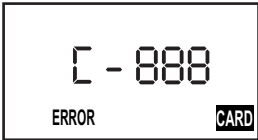
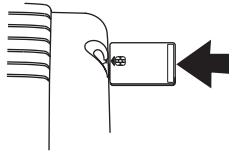

If you are traveling to a country with a line voltage different than the one you are currently using, a different power cord or an international plug adapter may be required to make your power cord compatible with the power outlets of the country to which you are traveling.

Contact your home care provider for additional information.



Troubleshooting

The table below lists common problems you may have with the REMstar Pro with C-Flex system and possible solutions to those problems. If none of the corrective actions solve the problem, contact your home care provider.

Problem	Solution(s)
<p>“Error” is flashing on the display screen and the alert tone is sounding.</p> 	<p>Press any button on the REMstar Pro with C-Flex to silence the alert tone and stop the flashing. The system has detected a large leak in the circuit or you have taken the mask off without turning the airflow off. Check the circuit connections for leaks.</p>
<p>“Error”, “Card”, and an error code (C-???) are flashing on the display screen and the alert tone is sounding.</p> 	<p>The SmartCard is installed incorrectly or is damaged. Remove the SmartCard and verify that it was installed as shown. Reinsert the SmartCard. If the alert tone sounds again, remove the SmartCard, and contact your home care provider or Respironics for directions on having the SmartCard replaced. Please have the error code ready when you call.</p> 
<p>“Error” and an error code (E-???) are flashing on the display screen, the alert tone is sounding, and the buttons are flashing.</p> 	<p>Press any button on the REMstar Pro with C-Flex to silence the alert tone. Discontinue use. Disconnect the power cord from the AC wall outlet. Contact your home care provider or Respironics for directions on having the REMstar Pro with C-Flex serviced. Please have the device’s serial number and the error code ready when you call.</p>
<p>The pressure being delivered feels different.</p>	<p>Contact your home care provider or Respironics for directions on having the REMstar Pro with C-Flex serviced. Please have the device’s serial number ready when you call.</p>

Troubleshooting

Problem	Solution(s)
The airflow from the REMstar Pro with C-Flex seems warm.	Replace or clean the filter. Make sure the REMstar Pro with C-Flex is away from bedding or curtains that could block the flow of air around the REMstar Pro with C-Flex. Make sure the REMstar Pro with C-Flex is away from heating equipment (e.g., forced air vents, radiators).
The noise level of the REMstar Pro with C-Flex has changed to include unusual or harsh sounds during operation.	Contact your home care provider or Respironics for directions on having the REMstar Pro with C-Flex serviced. Please have the device's serial number ready when you call.
The REMstar Pro with C-Flex will not turn on.	Make sure that the REMstar Pro with C-Flex is plugged into a working outlet. If you are using DC power accessories with a battery, the battery may need to be recharged or replaced or the DC Cord's fuse may need to be replaced. Contact your home care provider or Respironics for directions on having the REMstar Pro with C-Flex serviced. Please have the device's serial number ready when you call.
Pressing the ramp button does not reduce the air pressure.	Contact your home care provider. Ramp may not have been prescribed for you.
The REMstar Pro with C-Flex has been dropped into water or fluids have gotten into the enclosure.	Discontinue use. Disconnect the power cord from the AC wall outlet. Contact your home care provider or Respironics for directions on having the REMstar Pro with C-Flex serviced. Please have the device's serial number ready when you call.



Limited Warranty

Respironics, Inc.[®] warrants that the REMstar[®] Pro with C-Flex CPAP device shall be free from defects of workmanship and materials and will perform in accordance with the product specifications for a period of two (2) years from the date of sale by Respironics, Inc. to the dealer. If the product fails to perform in accordance with the product specifications, Respironics, Inc. will repair or replace, at its option, the defective material or part. Respironics, Inc. will pay customary freight charges from Respironics, Inc. to the dealer location only. This warranty does not cover damage caused by accident, misuse, abuse, alteration and other defects not related to material or workmanship.

RESPIRONICS, INC. DISCLAIMS ALL LIABILITY FOR ECONOMIC LOSS, LOSS OF PROFITS, OVERHEAD OR CONSEQUENTIAL DAMAGES WHICH MAY BE CLAIMED TO ARISE FROM ANY SALE OR USE OF THIS PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. IN ADDITION, ANY IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR THE PARTICULAR PURPOSE ARE LIMITED TO TWO YEARS. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

To exercise your rights under this warranty, contact your local, authorized Respironics, Inc. dealer or Respironics, Inc. at 1001 Murry Ridge Lane, Murrysville, Pennsylvania 15668, 1-800-345-6443 (US and Canada only) or 1-724-387-4000.



For information on sleep disorders, contact the following organizations:

American Sleep Apnea Association
2025 Pennsylvania Ave., N.W., Suite 905
Washington, DC 20006
Telephone: 1-202-293-3650
Fax: 1-202-293-3656
www.sleepapnea.org

National Sleep Foundation
729 Fifteenth Street, N.W., Fourth Floor
Washington, DC 20005
www.sleepfoundation.org

IMPORTANT!

Fill in the information below when you receive the REMstar Pro with C-Flex CPAP system.

Serial No.: _____ (Located on the bottom of the device)

System Prescribed for: _____

Date of Purchase or Rental: _____

Pressure Setting: _____ cm H₂O

Mask Type: _____

Mask Size: _____

If you have any questions concerning the system, contact:

• Home Care Company: _____

Telephone Number: _____

• Health Care Professional: _____

Telephone Number: _____

• Respironics, Inc.

1001 Murry Ridge Lane

Murrysville, Pennsylvania

15668-8550 USA

Customer Service

Telephone Number: 1-724-387-4000