

PHILIPS

RESPIRONICS

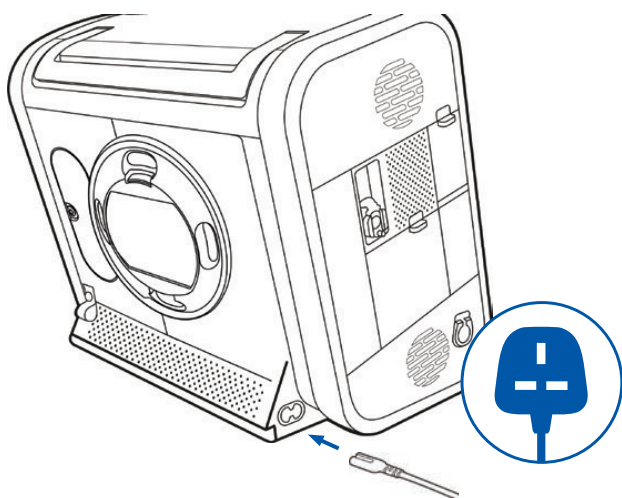
Trilogy Evo

Quick start guide for caregivers



Getting started

Prepare for use

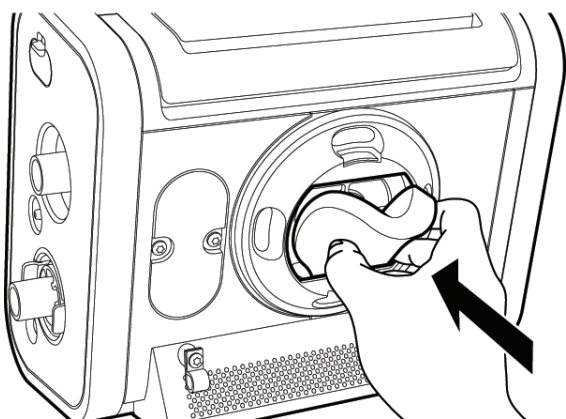


1. Plug in device

Use the AC cord provided to connect AC power. The green LED light next to the on/off (standby) button should be lit.

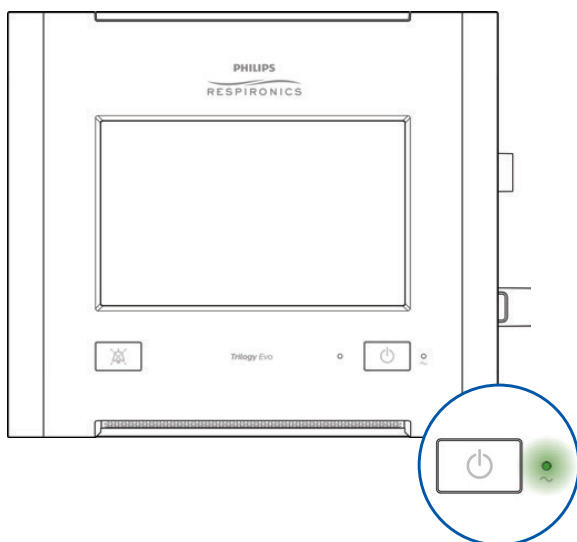


If AC power is not available, you can use battery or DC power.



2. Install filter

To install the air-inlet foam filter, pinch the filter as you press it into the filter cover as shown. Position it securely behind the top and bottom restraints.



3. Starting Trilogy Evo

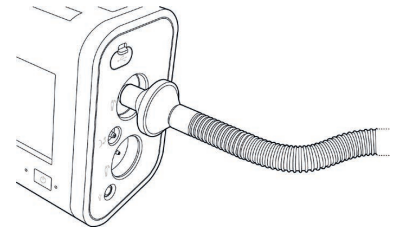
Make sure all accessories, cords, and circuit connections are attached. Press the on/off (standby) button.

If starting on battery power, a notification will appear at the top of the screen along with a beep every 30 seconds. Tap the reset icon beside the notification to acknowledge.

Circuit set-up

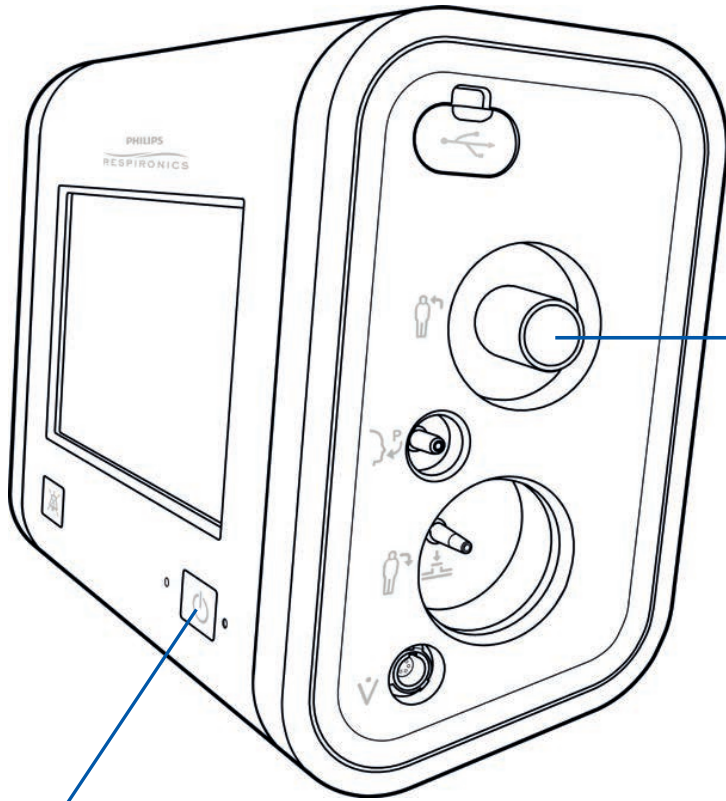
Step 1

Connect the bacterial/viral filter on the single limb passive circuit to the inspiratory port



Step 2

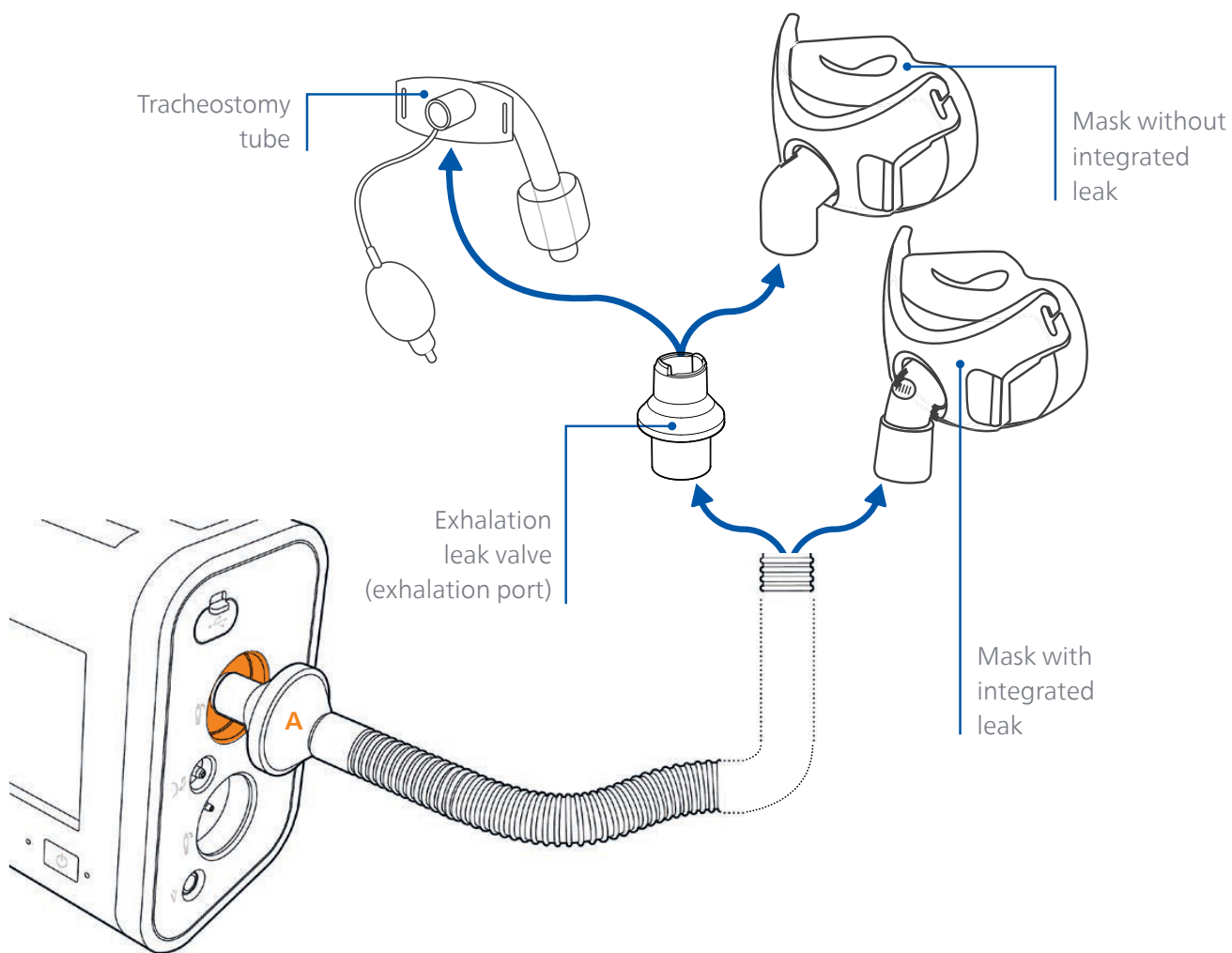
Attach relevant Philips interface; mask, ETT or tracheostomy tube.



Step 3

Turn on ventilator

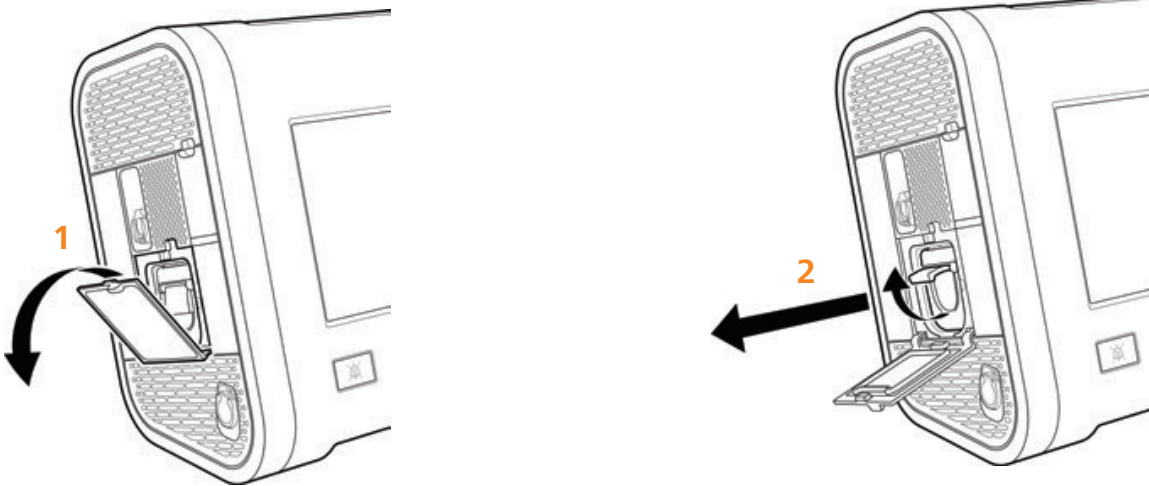
Passive circuit



A. Connect the bacteria filter on the circuit to the inspiratory port.



Cleaning the battery



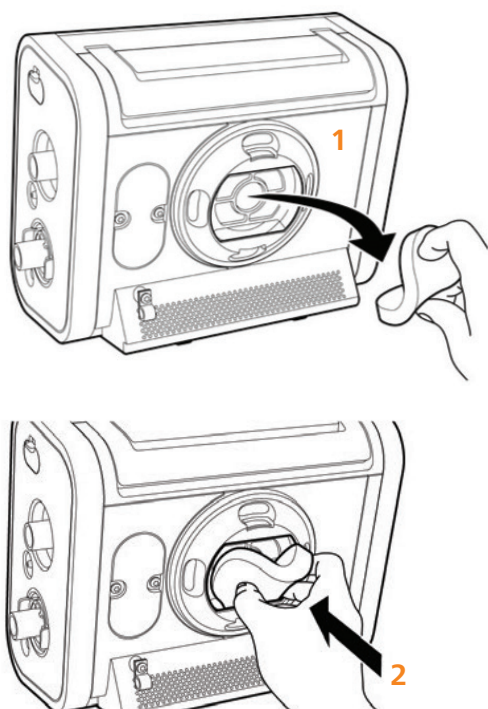
1. Open the detachable battery access door.
2. Lift the battery handle and pull it to remove it from the bay and follow the instructions for cleaning the device.
3. Allow the battery to air dry completely and then inspect it for damage after cleaning.
4. Slide the battery back into the bay until you hear a click.

Rinsing the air-inlet foam filter

The air-inlet foam filter is the gray foam located on the back panel. It protects Trilogi Evo from dirt and dust. This filter is for single patient use. Only use Philips Respironics- supplied filters. Ventilation can continue while you are replacing the filter.

Frequency

Rinse monthly and replace every six months



Instructions

1. Ensure you have a replacement filter nearby.
2. Pinch the filter and pull it out of the filter cover.
3. Insert the clean replacement filter into the filter cover. Ensure it is positioned securely.
4. Visually inspect the filter you just removed from the device — if it is damaged, discard it. Otherwise, rinse the dirty filter in clear water. Inspect the filter for cleanliness and repeat until the filter is clean.
5. Allow the filter to air dry completely before reinstalling it.

Device maintenance*

Cleaning the device

Frequency

Clean Trilogy Evo's exterior surface weekly

Supplies

- 1 lint-free cloth
- 1 soft-bristle brush
- Liquid dishwashing detergent solution:
- 1 teaspoon of liquid dishwashing detergent per gallon of warm water



Instructions:



1. To clean the exterior, first turn the device off and disconnect it from the power source detaching all accessories and connectors.



2. Use a dampened lint-free cloth (not dripping) with detergent solution to clean the exterior of the enclosure.



3. Use a soft-bristle brush in the areas around the screen, buttons, and any other areas where soil may be difficult to remove. Ensure you remove all visible soil.



4. Use a dampened lint-free cloth (not dripping) with clear water to remove all detergent residue.



5. Use a dry lint-free cloth to dry the enclosure.



6. Inspect the device for cleanliness and repeat the cleaning steps until the surfaces are visibly clean.



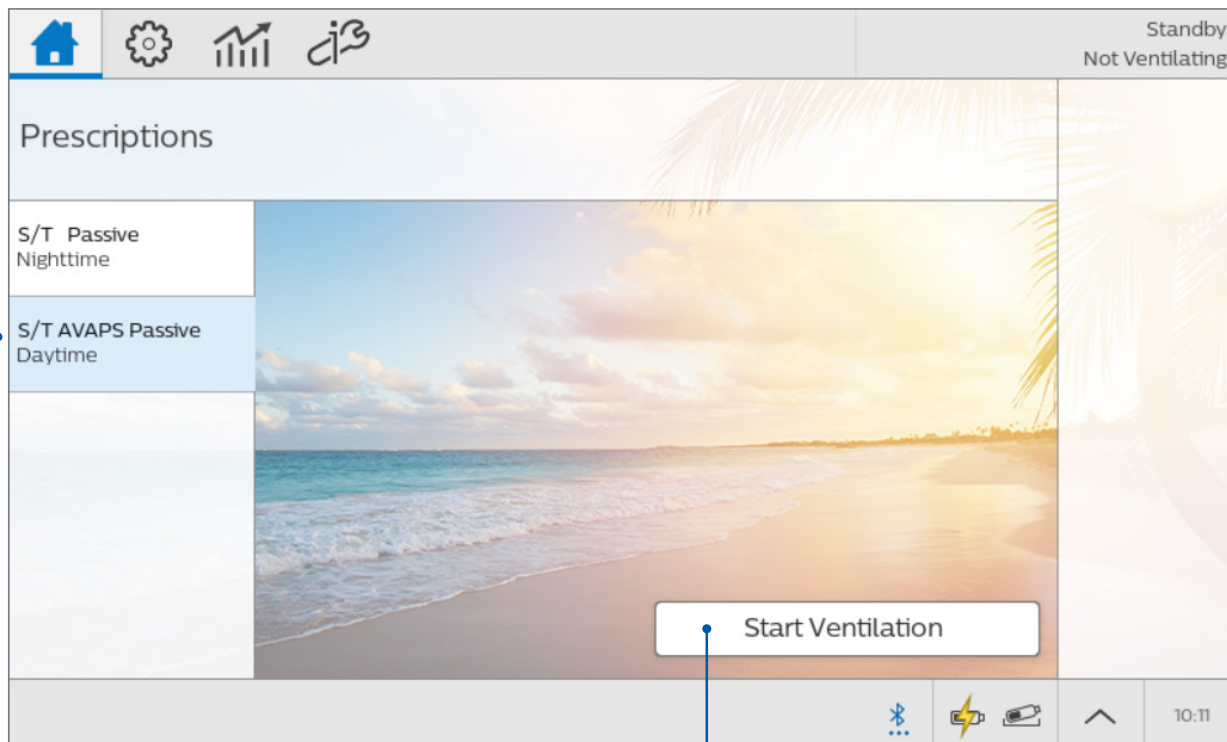
7. Inspect the device for damage after cleaning. If any parts are damaged, contact customer service with the speckle task force recommendations

*For accessories cleaning/disinfection instructions vary based on the type of accessories you use. Please refer to your IFU for how to clean/dispose of your circuits

Home standby window*

Home

The home standby window shows after the device is turned on



Prescriptions

S/T Passive
Nighttime

S/T AVAPS Passive
Daytime

Start Ventilation

Prescriptions

Your therapy prescriptions will be listed here, for selection

Start Ventilation button

1. **Select your prescription**
2. **Tap Start ventilation to begin therapy**

If you want to stop therapy, press the on/off (standby) button on the front panel, then tap Standby or Power Off.

*Please note that your device's screens may look different than those pictured here.

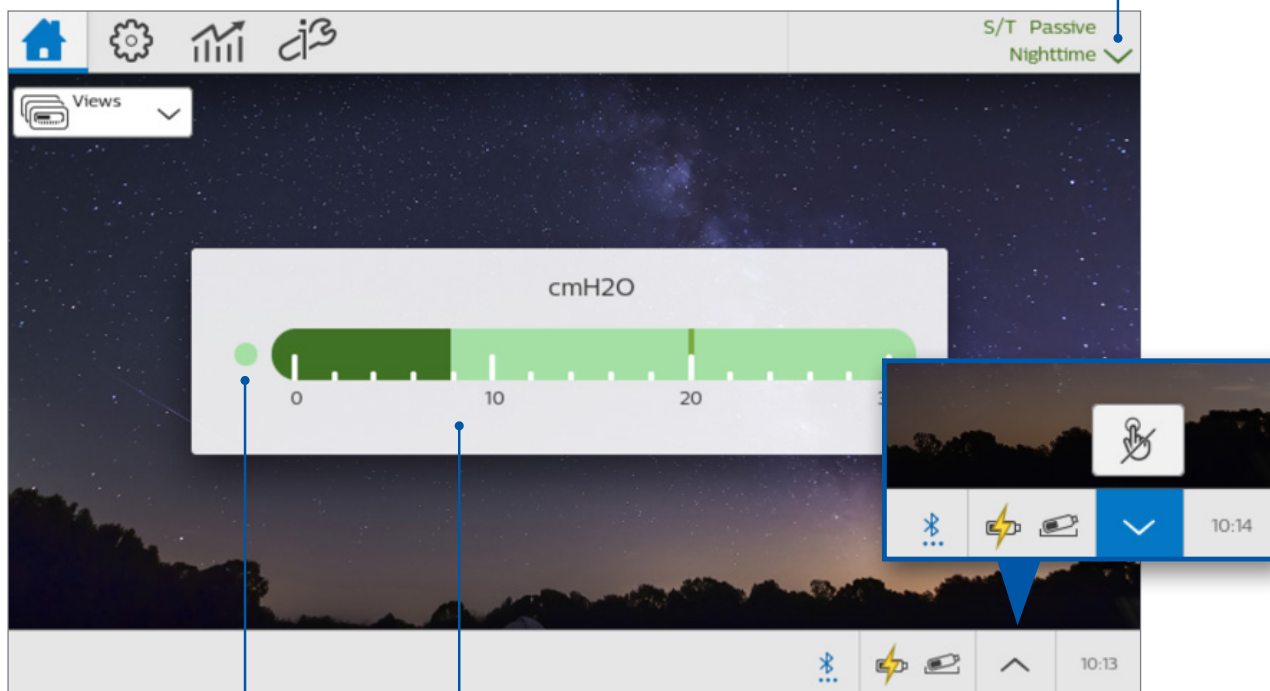
Home therapy window*

Views

Tap **Views** drop down arrow to access multiple monitoring options

Prescription menu

Your prescription and circuit in use will be shown here. If your device is not ventilating, this area will read "Standby Not Ventilating"



Breath indicator

When the current breath is triggered by the patient, this indicator appears filled (dark green)

Manometer

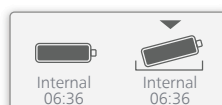
This bar will move based on the pressure being delivered

Touchscreen lock

To prevent accidental therapy changes, use Touchscreen Lock. Lock the screen any time with the Status Bar shortcut shown here

Battery time

Press battery icon whilst in therapy, to view estimated remaining battery time, based on prescription in use and breathing pattern



*Please note that your device's screens may look different than those pictured here.

Alarms

Disconnected Circuit example

This is an example of an alarm situation that may occur and how to respond.



Light bar & alarm silence

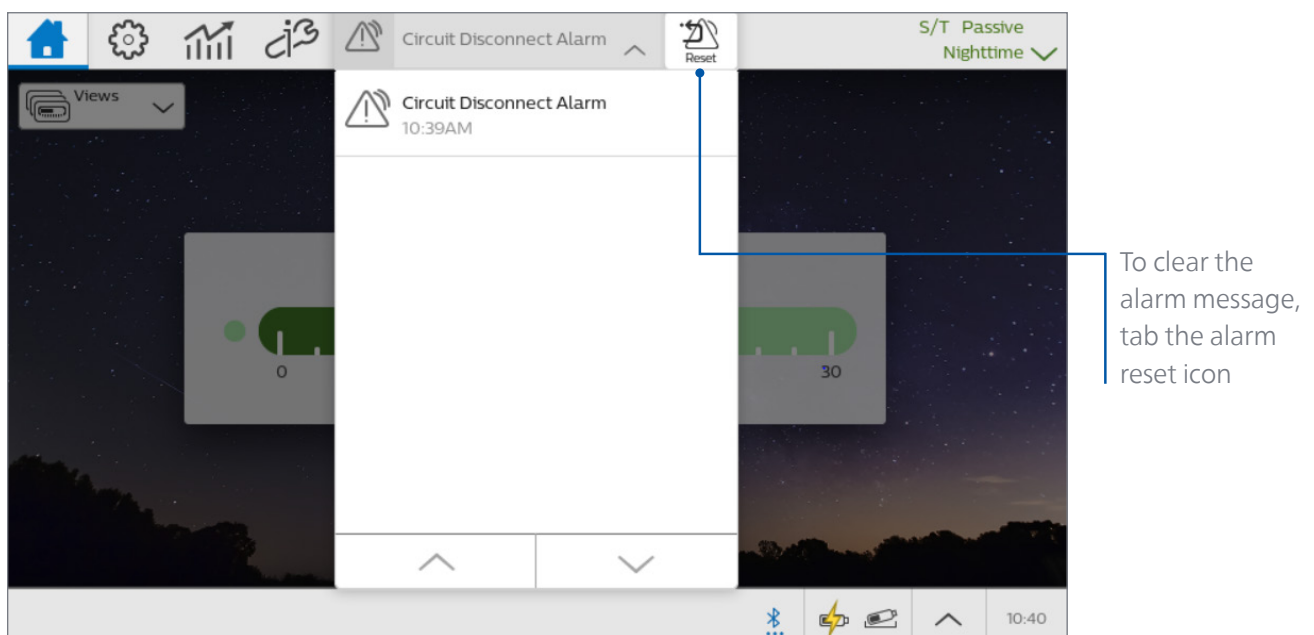
When circuit has become disconnected, you can see the high priority audio and visual indicators

Start Ventilation button

Visually monitor the patient and ventilator at all times during an alarm silence period. Allowing alarms to continue without intervention may result in harm to the patient. If you want to silence the audible alarm for two minutes, press the Alarm Silence button

Resetting an alarm





Reconnect the circuit. When the alarm condition resolves, the alarm message will turn gray



To clear the alarm message, tab the alarm reset icon

*Please note that your device's screens may look different than those pictured here.

Alarms (continued)

Icon	Description	Light and Sound Indications
	High priority alarm	Light bar flashes red Audible alarm repeats rapidly
	Medium priority alarm Low priority alarm	Light bar flashes yellow Audible alarm repeats moderately
	System message	Single beep
	Resolved alarm or system message	None

Alarm name	What happened?	What to do
Obstruction*	The ventilator detects an obstruction in the patient's inhalation path, exhalation path, or external flow sensor. The ventilator detects that the leak device is missing.	<ul style="list-style-type: none"> • Check the circuit. Is it kinked or pinched? • Check the bacterial filter. Is it blocked? • If using an Active Flow or Dual Limb circuit, check the HME. Is it blocked? • Is the leak device blocked or missing? • Is the external flow sensor blocked?
Apnea	Time between patient-initiated breaths is more than the alarm setting.	<ul style="list-style-type: none"> • Is the circuit connected to the patient? • Is there a leak or disconnect? • Is the circuit kinked or pinched?
Circuit Disconnected	The patient is not connected to the ventilator breathing circuit or there is a large leak.	<ul style="list-style-type: none"> • Is the circuit connected to the patient? • Is the circuit connected to the ventilator? • Does a large unplanned leak exist?
Low Respiratory Rate	The patient's respiratory rate is less than or equal to the low respiratory rate alarm setting. Or, no breath has occurred for 15 seconds.	<ul style="list-style-type: none"> • Is the circuit kinked or pinched? • Does the circuit have a leak? • Is the circuit connected? • Check the patient.

*Light bar flashes unless switched off in options by clinician

Alarms (continued)

Alarm name	What happened?	What to do
Low Minute Ventilation	The patient's minute ventilation is less than or equal to the alarm setting. Or, no breath has occurred for 15 seconds.	<ul style="list-style-type: none"> • Is the circuit kinked or pinched? • Does the circuit have a leak or disconnect? • Remove excessive water from the tubing. • Is the bacterial filter blocked or not connected? • Is the leak device blocked or not connected? • Check the patient.
No Trigger	Applies to mouthpiece ventilation. The time between patient-triggered breaths is greater than the No Trigger alarm setting.	<ul style="list-style-type: none"> • Check the patient • Is the circuit within reach? • Is the circuit intact? • Is the PEEP high enough to generate sufficient signal flow when the mouthpiece is touched?

NB: Circuit Disconnection also has an algorithm to detect an obstruction.
If any alarm sounds please ensure you check the patient

USB data

If your clinician asks you to download your ventilator data to USB in order to review your therapy, carefully follow the next steps:

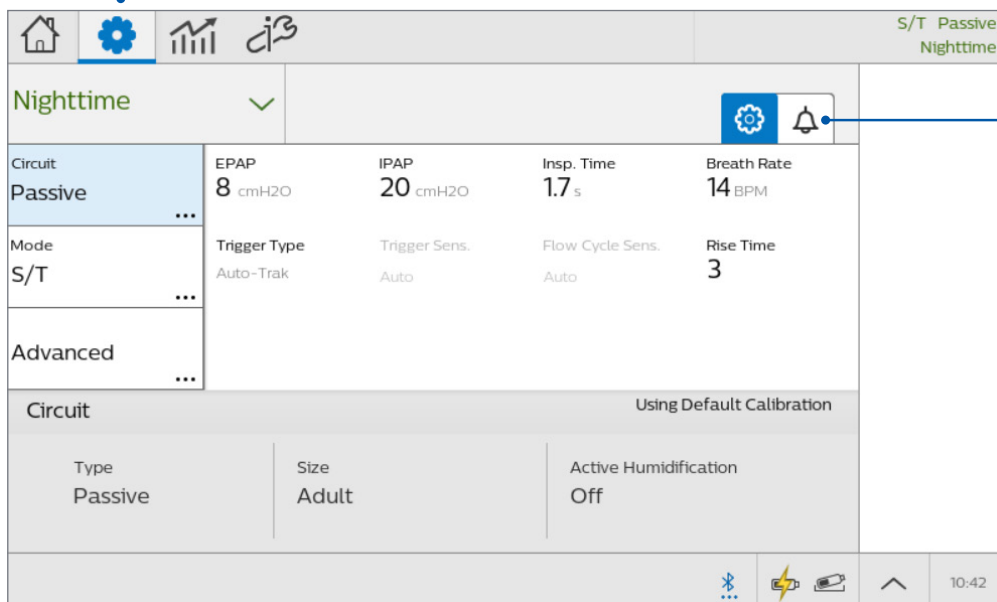


1. Connect the USB drive into any of the 2 USB connectors on either sides of the device.
2. In the menu bar, tap the icon and then tap Data Transfer.
3. Tap **Export Data-USB** to start the transfer to the USB drive.
4. Tap **USB** in the pop-up to confirm the destination for the export.
5. Tap **Yes** in the pop-up to confirm export ventilator data to USB.
6. Wait for Export Data-USB to display **Success** before removing USB stick.

Prescription settings

Prescriptions settings window

Tap the settings icon to view more details about your prescriptions

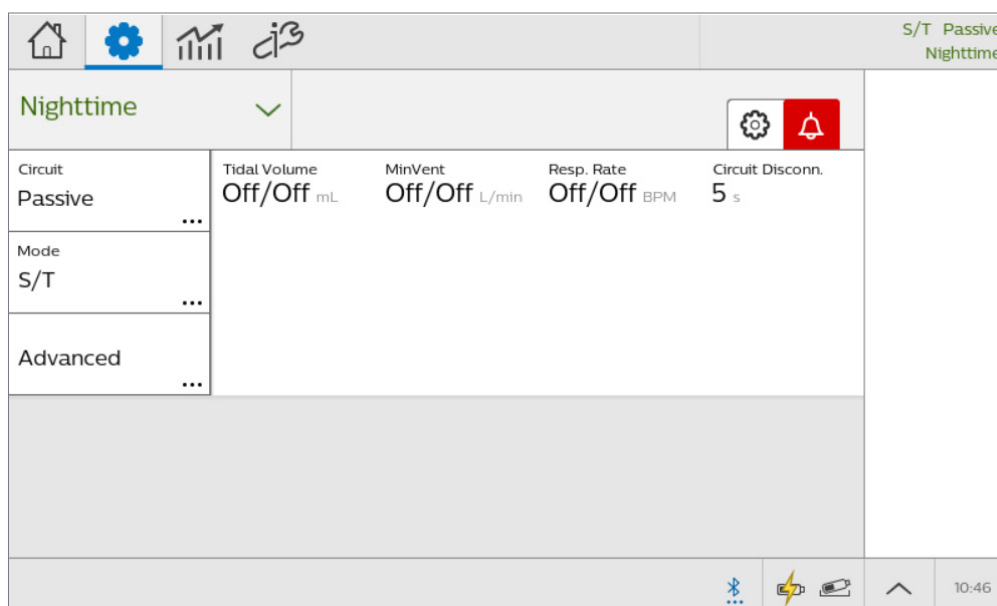


Alarm settings

Switch tabs to view alarm settings

Tap Circuit, Mode, or Advanced options on the left to see more information

Alarm settings

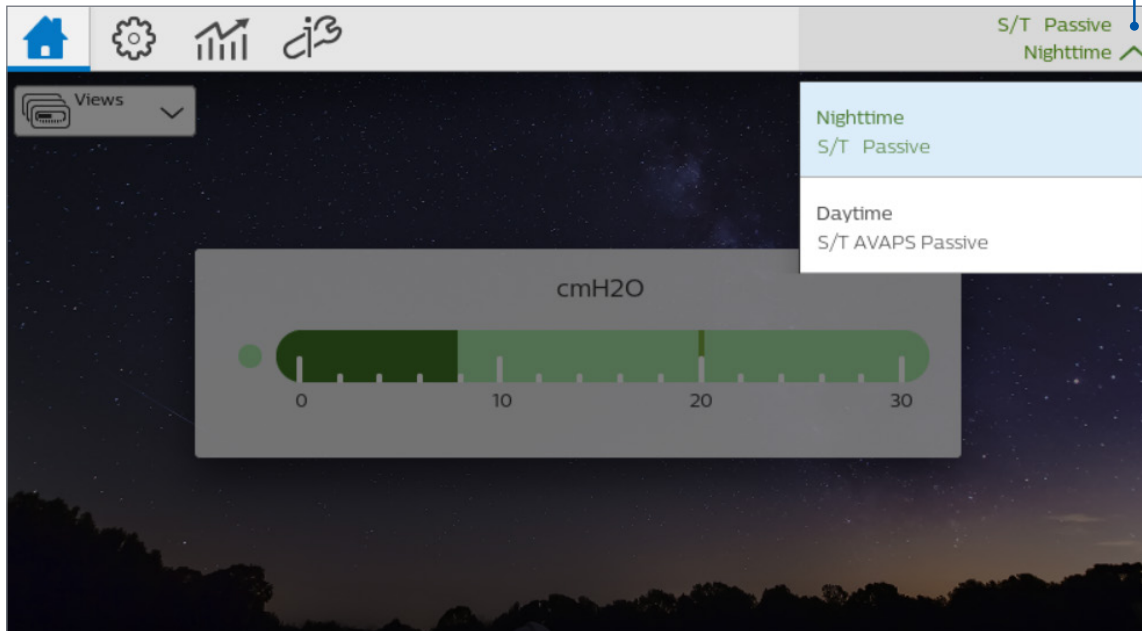


Prescription settings (continued)

Selecting a different prescription while ventilating

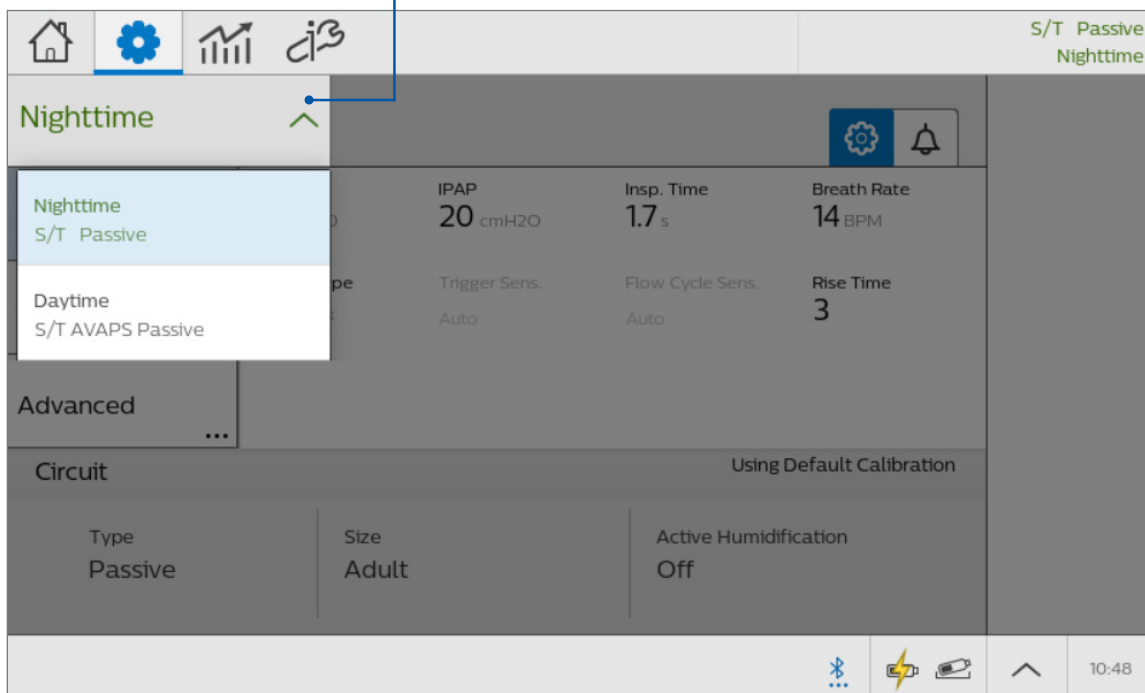
Option 1.

In the home window, tap the prescription drop-down arrow to access the prescription menu. Then, select a prescription to switch therapy



Option 2.

From the settings window, tap the drop-down arrow, select your new prescription, and then tap Switch Therapy



Circuit note: The circuit settings must be the same as the current prescription. If the circuit settings differ, place the device into standby to change the physical circuit. Then, select the prescription from the home screen to start ventilation.

Key points to remember

1.	Always ensure there is a new foam air inlet filter in place for each new patient. The air inlet filter can be found at the rear of the ventilator.
2.	Never use the device clinically without a bacterial/viral filter on the machine gas flow outlet.
3.	Never use the device clinically without setting appropriate patient alarms.
4.	Always ensure location of patient exhalation port is know
5.	For any further information please refer to your IFU/manual.

