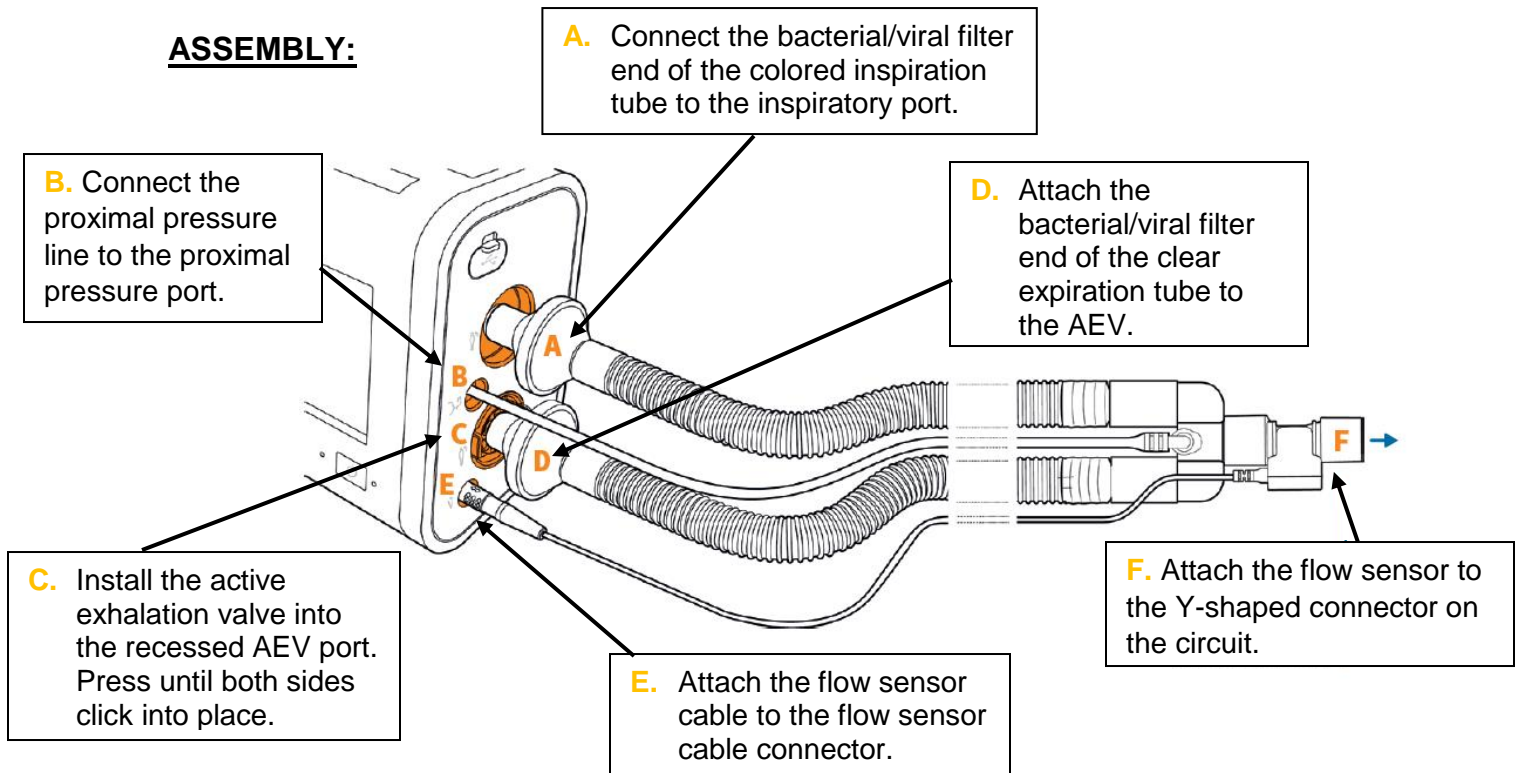# Trilogy for Mechanical Ventilation Quick Set Up Guide

ASSEMBLY:

A. Connect the bacterial/viral filter end of the colored inspiration tube to the inspiratory port.

B. Connect the proximal pressure line to the proximal pressure port.

D. Attach the bacterial/viral filter end of the clear expiration tube to the AEV.

C. Install the active exhalation valve into the recessed AEV port. Press until both sides click into place.

E. Attach the flow sensor cable to the flow sensor cable connector.

**F.** Attach the flow sensor to the Y-shaped connector on the circuit.

- If the Trilogy has never been used before, it will default to the Full Access Screen. If it is not on the Full Access Screen see below steps:
  - From the Home Screen go to Options.
  - Select Device Options.
  - Set menu access level default to "Full".

HOW TO CONFIGURE SETTINGS AND MONITOR A PATIENT:

- On the Home Standby window ⌂ select "New Patient" to clear logged patient data and prescriptions, preparing the device for new patient use.
- Select "Other" as the prescription name and acknowledge the use of a bacterial/viral filter with the circuit.
- Tap the ⚙ icon to set values for the ventilator. Once on the Setting Screen, select any setting in the selection grid to bring up that setting's user control in the space below the grid.
- To use as an inpatient vent:
  - Select Circuit: Dual Limb
  - Select Circuit Size: Adult (20-22mm)

- If using an HME and not Passover humidification turn Active Humidification "Off".
- Choose your Mode of Ventilation by selecting "Mode":

Trilogy Evo equivalent	Description
A/C-VC	**Assist Control (Volume Control) mode** provides volume-controlled mandatory or assist-control breaths. The set inspiratory time applies to all breaths.
	If you want to replicate CV mode where the ventilator triggers and cycles all breaths then set the trigger type to OFF.
A/C-PC	**Assist Control (Pressure Control) mode** provides pressure-controlled mandatory or assist-control breaths. The set inspiratory time applies to all breaths. *Optional: AVAPS.*
	If you want to replicate T mode where the ventilator triggers and cycles all breaths then set the trigger type to OFF.
CPAP	In **Continuous Positive Airway Pressure mode**, all breaths are spontaneous with the CPAP set pressure delivered in both inhalation and exhalation.
SIMV-PC	**Synchronized Intermittent Mandatory Ventilation (Pressure Control) mode** is a pressure control mode that provides a mixture of mandatory, assist-control and spontaneous breaths with optional pressure support. It guarantees one mandatory breath in each cycle. The breath rate determines the length of the cycle. *Optional: Inspiratory Time min/max for the spontaneous breaths.*
SIMV-VC	**Synchronized Intermittent Mandatory Ventilation (Volume Control) mode** is similar to SIMV-PC, but with volume control.

- After choosing the appropriate mode, make sure AVAPS is turned "Off" in the lower right hand corner of the screen.
- When settings are complete, select "Accept" to save new values. An unsaved ⬤ change indicator is visible until you select "Accept".
- To set alarms, select the alarm bell 🔔 and set the appropriate alarms. When finished, select "Accept" and "Start Ventilation" to begin therapy.
- **If a FiO$_2$ sensor is installed on the back of the Trilogy, from the Home Screen, select 🔧 icon then Device Options. From there, select FiO$_2$ Sensor and turn it "On"**.

- To monitor patient during ventilation, select the 🏠 icon to get back to the Home Screen. From the Home Screen, select "Views" in the upper left hand corner of the screen and change view to waveform 〰️. The inspiratory phase of the waveforms is color-coded. Orange indicates a ventilator-initiated breath, while blue indicates a patient-initiated breath.
- To change ventilation modes while using the ventilator or in standby, select the prescription name "Other" to open the prescription list. Select "Add Prescription" then select the name and edit as needed.
- To put the ventilator in **Standby Mode**, press the On/Off button on the front of the ventilator.