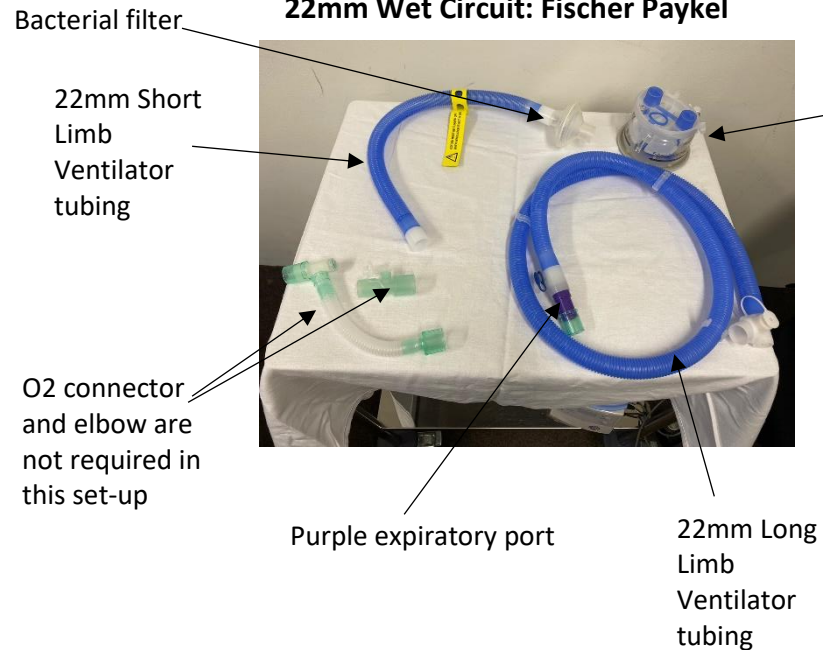


Circuit setup for the Trilogy 100

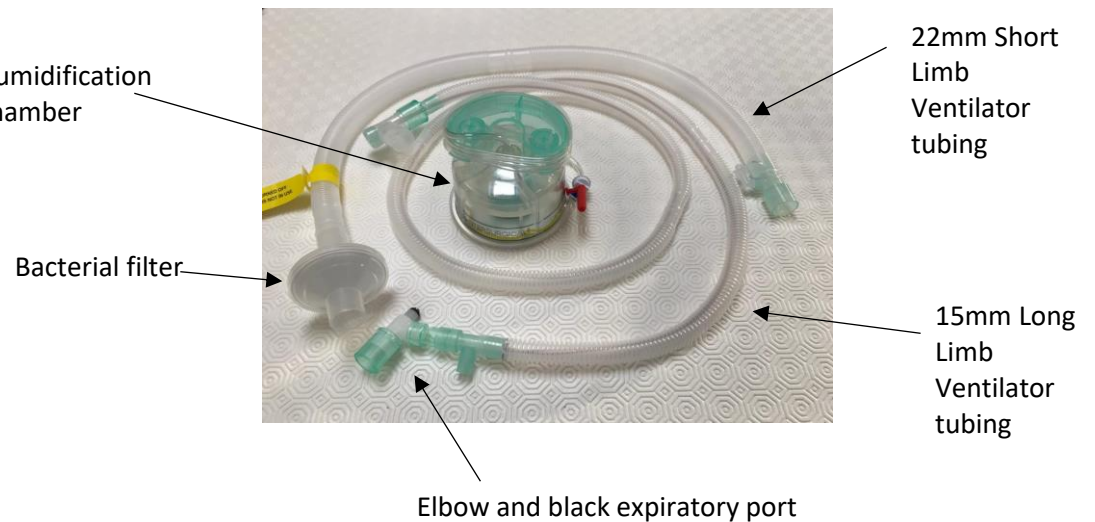
Wet Circuit Set-up for Trilogy 100

You will be using either 15mm or 22mm circuits. These are labelled below. The steps for set-up are the same irrespective of the size of tubing you use. Your managing centre will advise on which of these circuits you should use. The contents of each pack are shown below.

22mm Wet Circuit: Fischer Paykel



15mm Wet Circuit: B&D Medical



NB: The Expiratory Port MUST be within the circuit

When setting up the circuit; start at the ventilator and move toward the patient interface end of the circuit.



- The bacterial filter goes next to the ventilator.
- The ventilator tubing is the 22mm short limb and attaches to the humidification chamber.

- The humidifier must sit **BELOW** or **IN LINE** with the ventilator.
- This stops water from the humidifier running back towards the ventilator.
- The long limb of the vent tubing also connects to the humidification chamber and goes to the patient.

- The heating wire connectors and the ports on the humidifier base are colour coded.
- Match the yellow wire to the yellow port.
- Match the blue wire to the blue port.

- Connect the cloverleaf shaped wire to the base of the long arm of the ventilator tubing



- The T-shaped connector on the heating wires connects at the base of the tubing.
- Pull out the white plug to allow you to clip the connector in place.
- The connector locks in place, so needs to be pushed in firmly.



- The final connector on the heating wires connects to the patient end of the ventilator tubing by the expiratory port

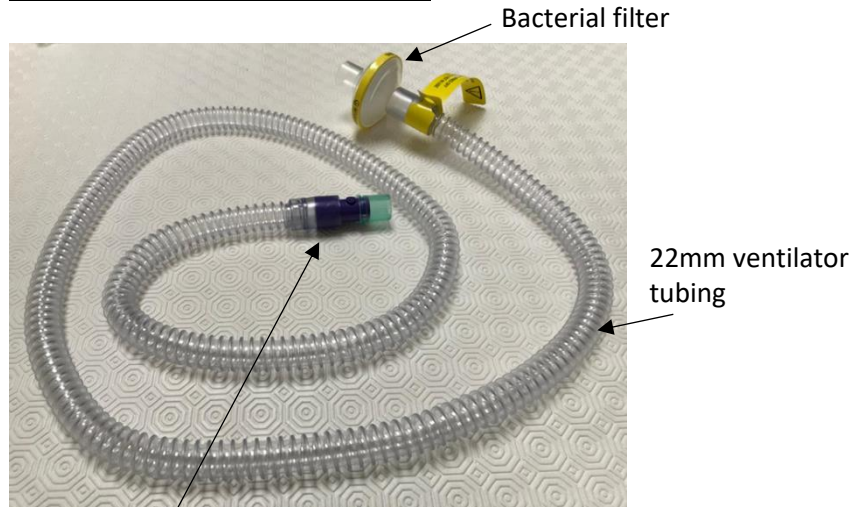


- The final set up should look like as in the image above.
- Sterile Water Inhalation bag added to allow gravity to continue to fill the water chamber on the humidifier.

Dry Circuit Set-up for Trilogy 100

You will be using either 15mm or 22mm circuits. These are labelled below. The steps for set-up are the same irrespective of the size of tubing you use. Your managing centre will advise on which of these circuits you should use. The contents of each pack are shown below.

22mm Dry Circuit: B&D Medical



Bacterial filter

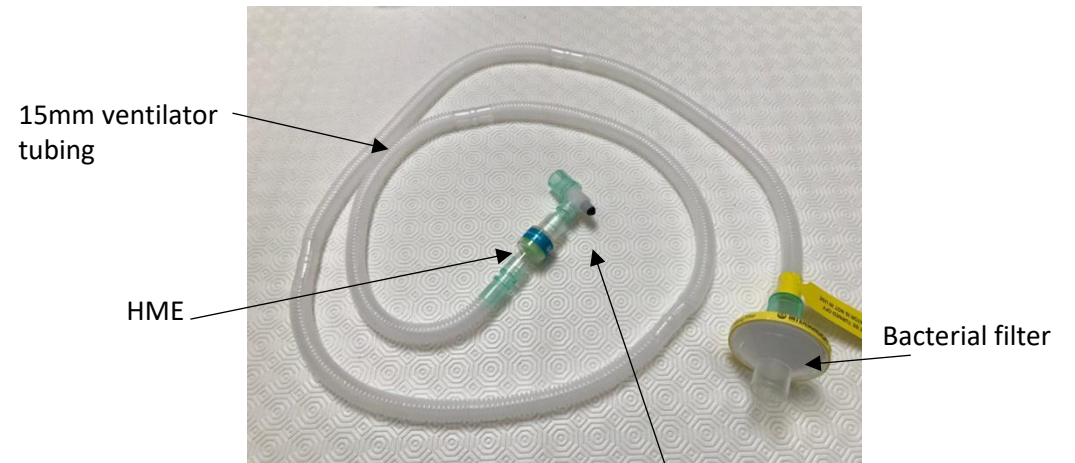
22mm ventilator tubing

Purple expiratory port



With the 22mm circuit the Heat Moisture Exchanger (HME) is a separate item and connects between the expiratory port and the tracheostomy

15mm Dry Circuit: B&D Medical



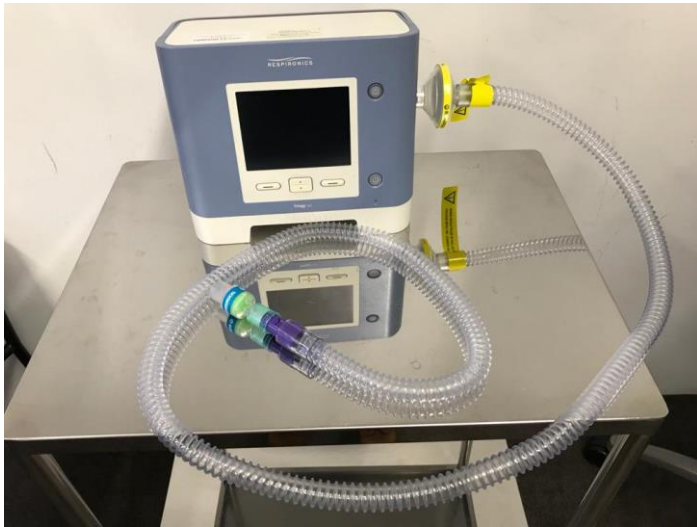
15mm ventilator tubing

HME

Bacterial filter

Elbow connection and expiratory port

The final set up should look as below



22mm Dry Circuit



15mm Dry Circuit

NB: The Expiratory Port MUST be within the circuit

How to entrain oxygen through the Trilogy 100

When using the Trilogy you do not add oxygen to the circuit. It is added through the ventilator via a dedicated port at the back of the ventilator

NB: Oxygen should be switched off at the wall prior to turning off the ventilator



Oxygen port.

This requires a separate connector as shown in the image below



Oxygen port with additional connector. It may be silver or white.

Oxygen can be connected via oxygen tubing and run through the ventilator.