

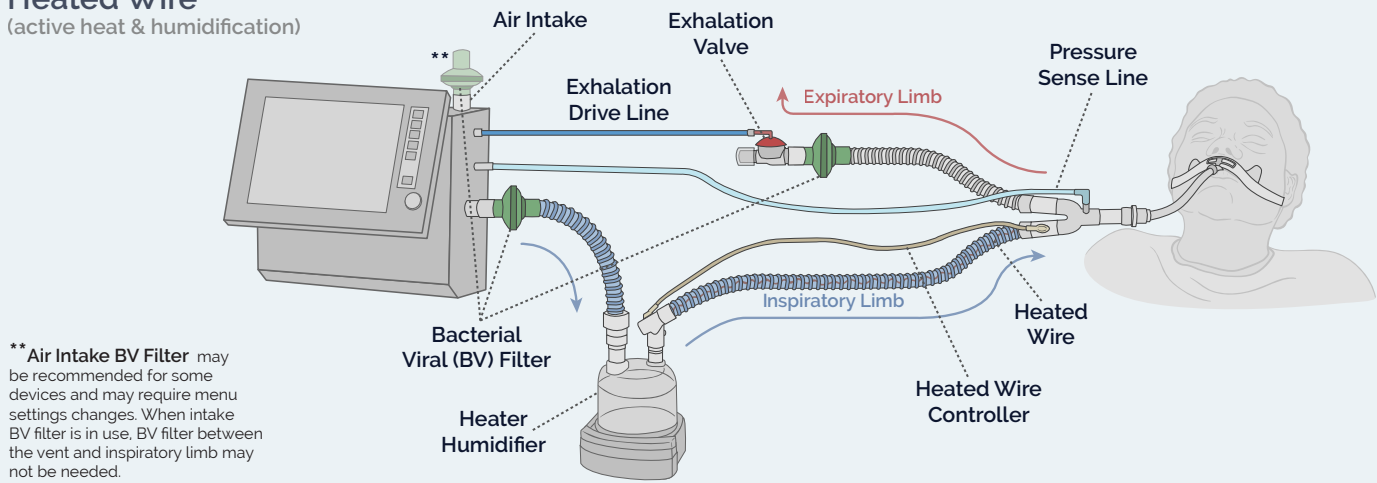
# Ventilator Circuit Setup

## Filter Placement & Humidification Types

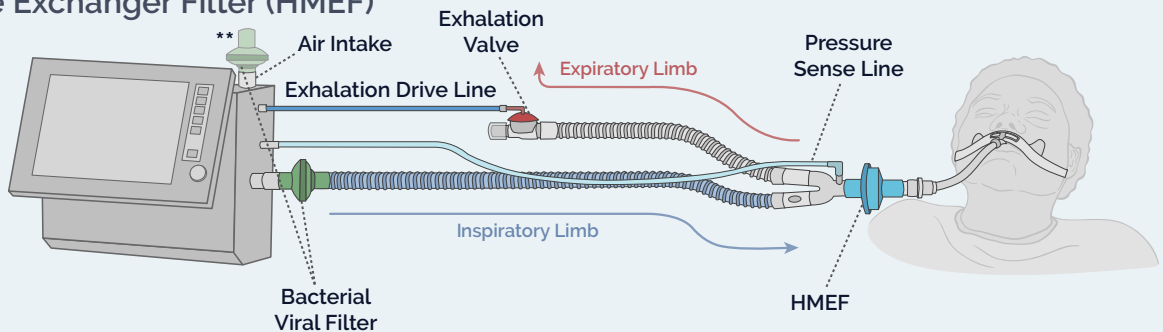
### “SINGLE LIMB” CIRCUITS\*

#### Heated Wire

(active heat & humidification)

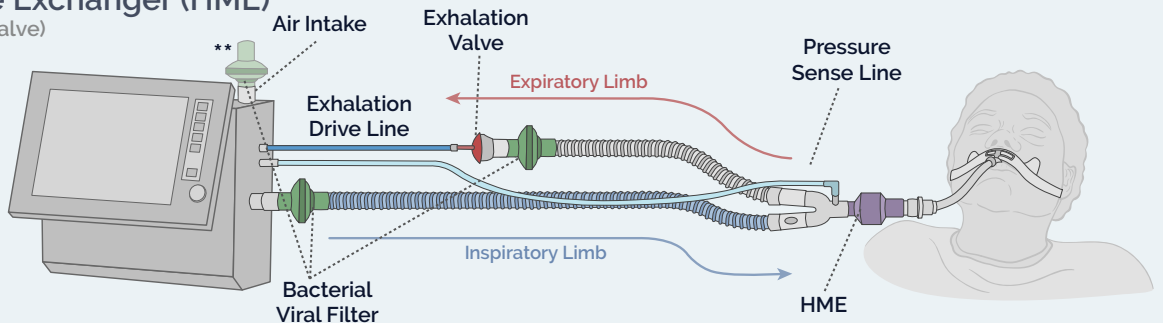


#### Heat Moisture Exchanger Filter (HMEF)



#### Heat Moisture Exchanger (HME)

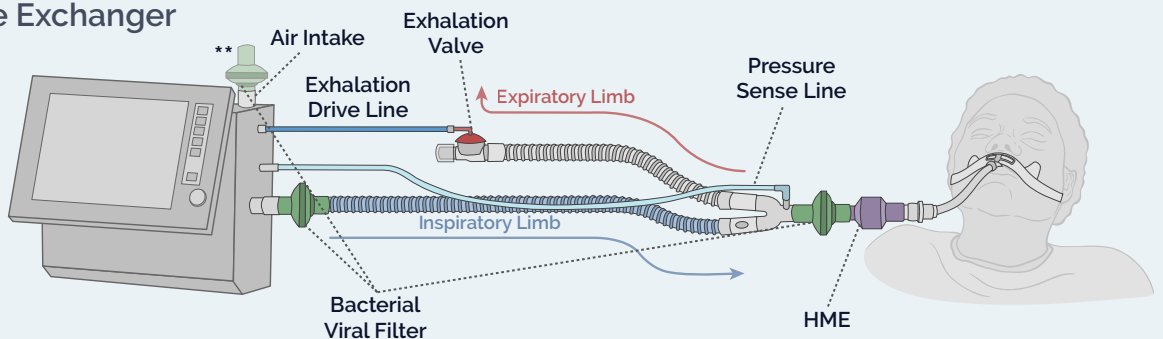
(BVF by Exhalation Valve)



#### Heat Moisture Exchanger

(BVF by HME)

When unable to place the BV filter at the exhalation valve, it may be placed at the wye, though will increase deadspace

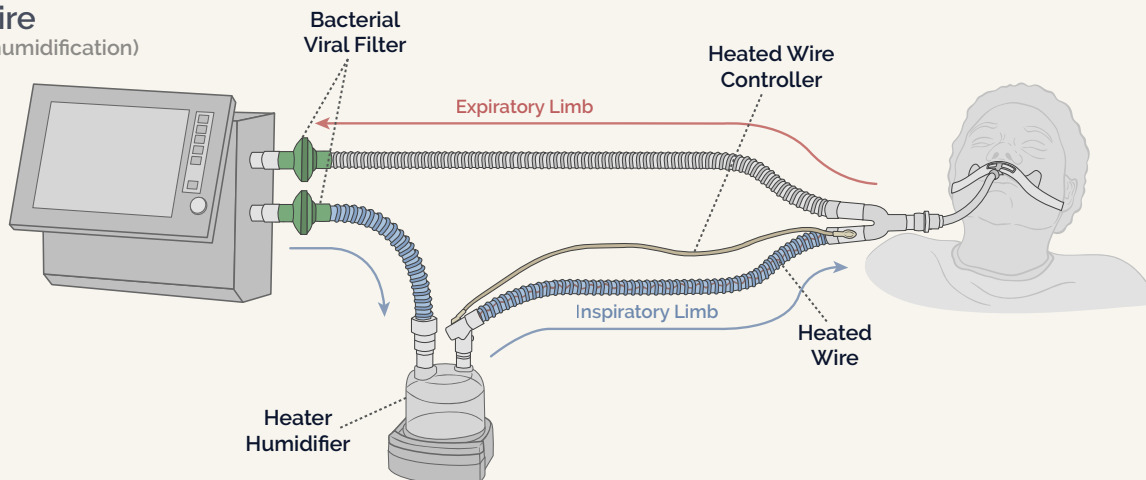


\* The term 'single limb' is a commonly used misnomer to describe the circuits shown here. These circuits do have a second (expiratory) limb, and thus may be considered functionally similar to 'dual limb circuits'

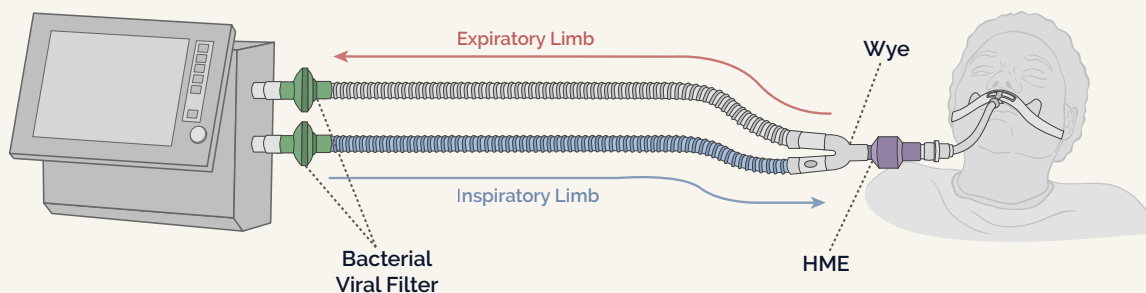
# DUAL LIMB CIRCUITS

## Heated Wire

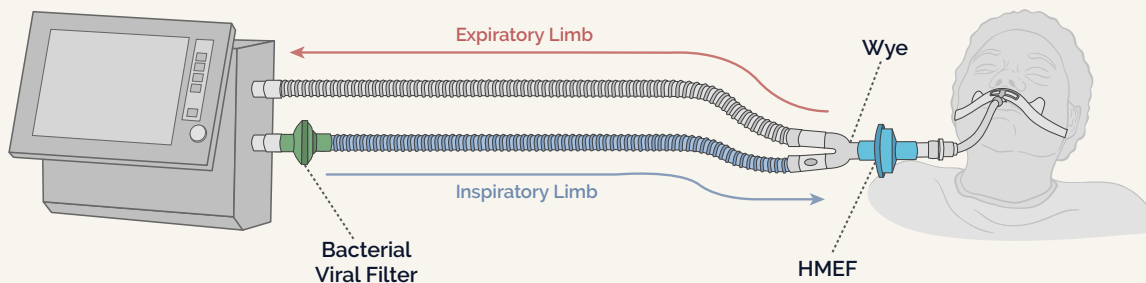
(active heat & humidification)



## Heat Moisture Exchanger (HME)



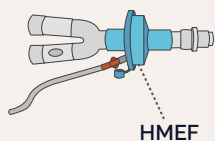
## Heat Moisture Exchange Filter (HMEF)



# END TIDAL CO<sub>2</sub> PLACEMENT

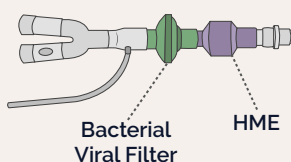
## Sidestream CO<sub>2</sub>

Sampling HMEF with integrated sampling port



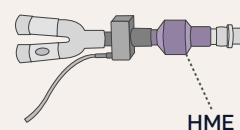
## Sidestream CO<sub>2</sub>

Sampling HME and Bacterial Viral Filter

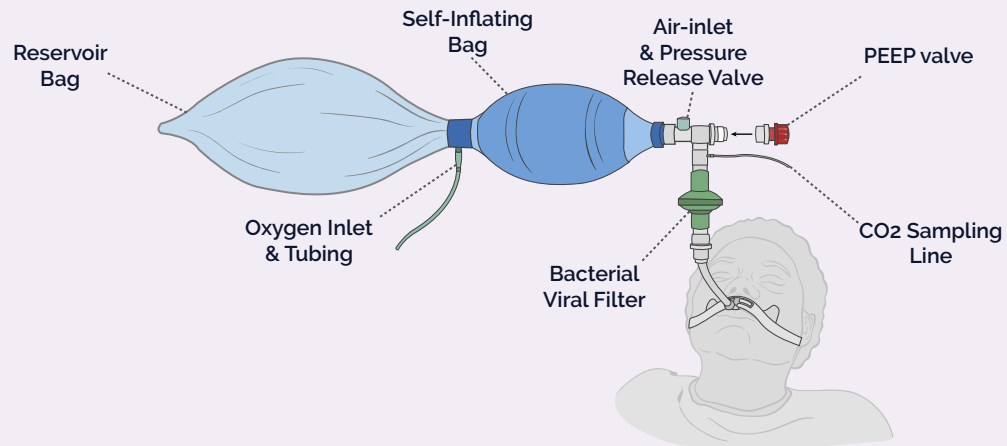


## Mainstream CO<sub>2</sub>

Monitoring HME



## Bag valve resuscitator setup



## Inline suction catheter setup

