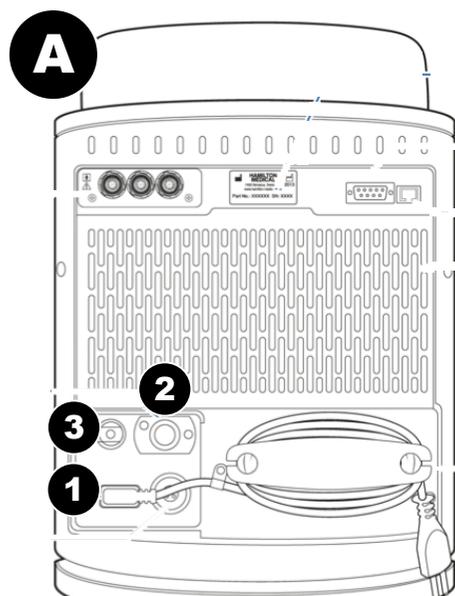


CONNECT AND SET UP

1 How do I connect the ventilator? (Image A)

On the back of the machine:

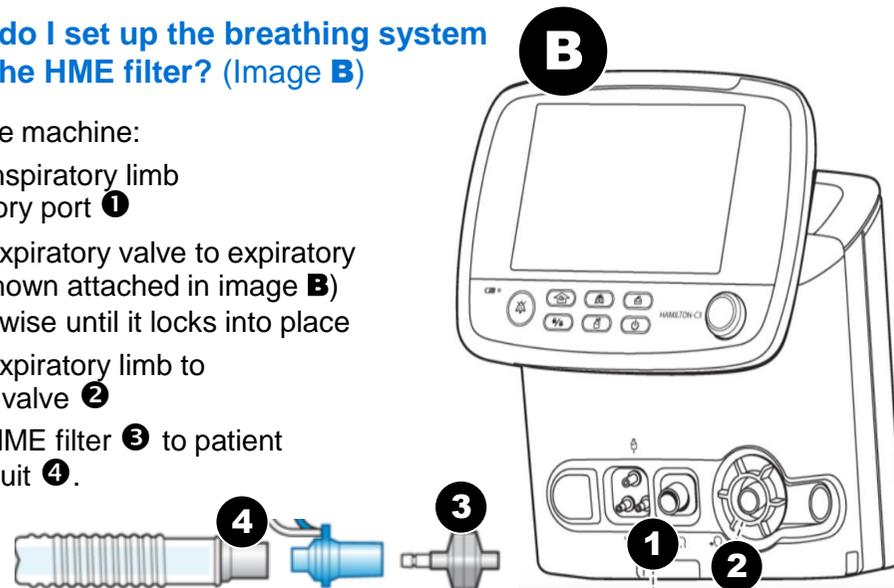
- Connect mains power cord **1**
- Connect pipeline or cylinder oxygen to high pressure oxygen connector **2**
- (If using low pressure oxygen, connect to low pressure oxygen connector **3**).



2 How do I set up the breathing system and the HME filter? (Image B)

On front of the machine:

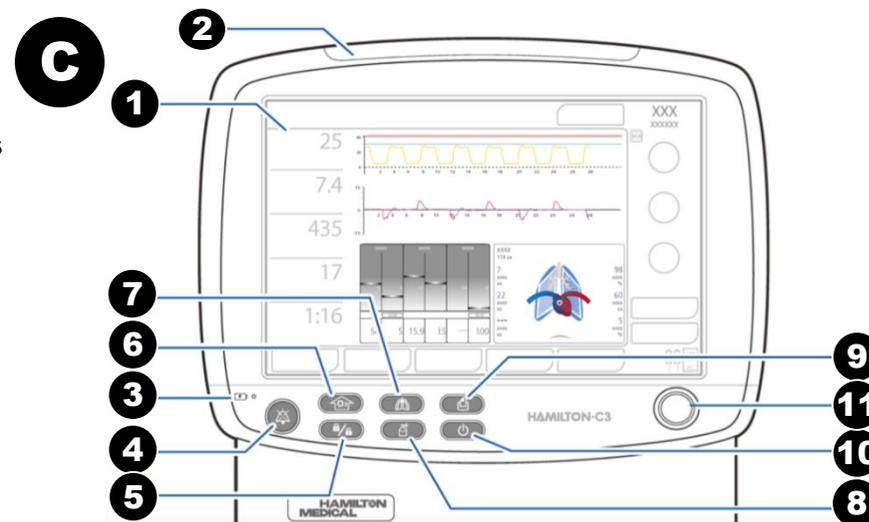
- Connect inspiratory limb to inspiratory port **1**
- Connect expiratory valve to expiratory port **2** (shown attached in image B) twist clockwise until it locks into place
- Connect expiratory limb to expiratory valve **2**
- Connect HME filter **3** to patient end of circuit **4**.



SET THE CONTROLS

3 Navigation system for setting controls (Image C)

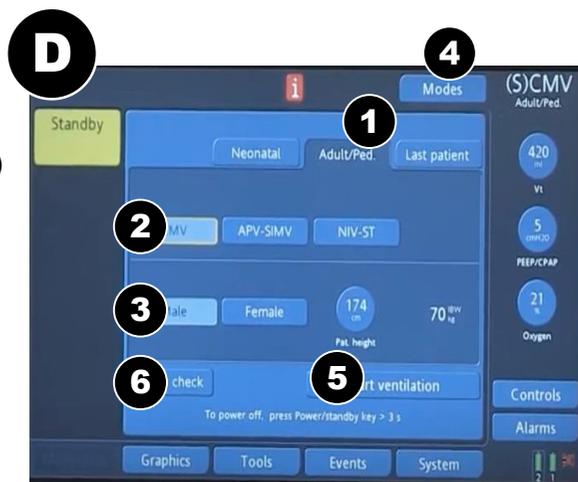
- 1** Touch screen
- 2** Alarm lamp
- 3** Battery charge indicator
- 4** Alarm silence key
- 5** Lock/Unlock screen
- 6** O2 enrichment - deliver 100% oxygen for 2 minutes
- 7** Manual breath key - triggers a mandatory breath when pressed and released
- 8** Nebulizer on/off
- 9** Print screen
- 10** Power/standby
- 11** Press and turn knob - Rotate to scroll through menu or change setting, press to confirm.



OPERATE

4 How do I set the mode(s)? (Image D)

- After start-up and pre test, device displays standby window (image D) - select Adult patient **1**
- Choose from modes available on screen **2**
- Enter patient gender and height **3**
- Other modes can be accessed by pressing 'modes' **4**
- Press 'start ventilation' **5**
- Current mode is displayed at the top right of the screen.



5 How do I change settings? (Image E)

- In standby window (image D) and during ventilation (image E), press individual settings on menu panel of the right side of screen. Use knob **C11** to adjust and confirm (Vt, PEEP and FiO2 are displayed in image D)
- Press 'controls' **1** to access all adjustable settings.



6 How do I check the device? (Image D)

- Once mains power, oxygen source and breathing circuit are connected, switch on machine (**C10**)
- Automatic power on self test is run during starting up
- Once this is complete, press 'preop check' button (**D6**) in the standby window and follow on screen instructions for tightness test and to calibrate the flow and oxygen sensors
- Disconnect the power cord **A1** - ensure the 'loss of external power' alarm appears and the machine works on backup battery. Reconnect AC power.

7 What do the alarms mean? (Image F)

- Audible and visual alarms- LED at top of machine (**C2**) flashes
- Message indicating reason for alarm condition appears at the top of the screen **1**
- To adjust alarm limits, press 'alarms' **2**
- To silence alarm press **C4**



Latest training information can be found on: <https://portal.e-lfh.org.uk/Component/Details/606835>