

## High Flow Nasal Oxygen System – Set Up Guidelines



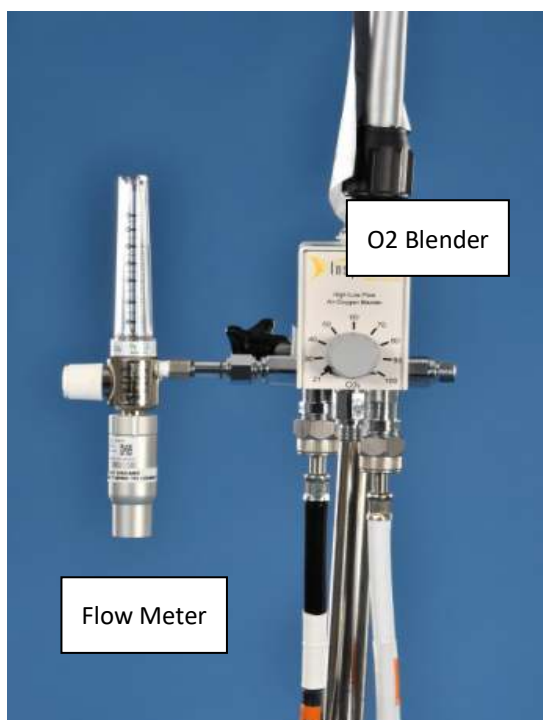
For use with Fisher & Paykel  
Optiflow™ High Flow  
Humidified Nasal Oxygen  
delivery system

### Components

- High Flow generator with Air-Oxygen Blender and flow meter
- Oxygen Analyser
- Heated Water Humidifier
- Breathing Circuit
- Interface e.g. nasal cannula

**Critical Care Guidelines  
FOR CRITICAL CARE USE ONLY**

**Equipment Required**

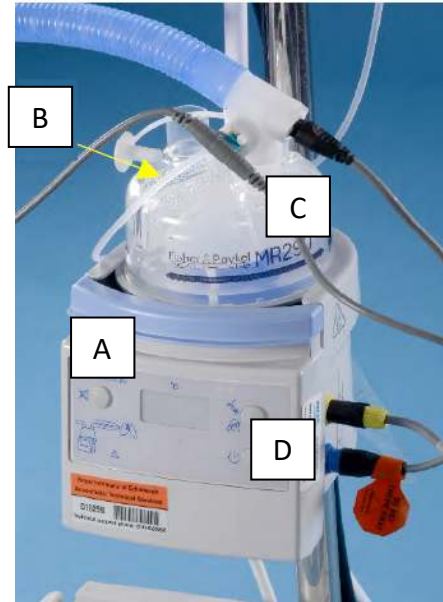


**Critical Care Guidelines  
FOR CRITICAL CARE USE ONLY**

**Set Up Instructions**

1. Plug the Air /Oxygen blender piping into oxygen and air Schraeder outlets at the patient's bed space
2. Set Up Humidified Circuit -

- A. Slide water chamber onto heater plate
- B. Connect to Sterile Water infusion
- C. Connect breathing circuit tubing to top of water chamber and attach heating wires.
- D. Insert heater wires to appropriate ports



3. Connect Bacterial Filter to the upper port of water chamber
4. When using the Oxygen Analyser to determine O2 levels, connect the blue T-piece (Note: **single use**) to the top of the bacterial filter.
5. Place the shorter length of circuit tubing between the T –piece and the bottom of the flow meter.

6. Plug in the humidifier, switch on and select **invasive setting**. The temperature will adjust automatically.



**Critical Care Guidelines  
FOR CRITICAL CARE USE ONLY**



7. Attach nasal high flow cannula to the humidified circuit. Ensure nasal prongs and no more **than half the size of the patient's nares** for comfort

8. Commence High-Flow Oxygen Therapy by following the critical care guidelines [Home > Directory > Critical Care> Respiratory> High Flow Nasal Oxygen For Adults](#)