

Equipment for < 25L/min



- Fisher and Paykel **RT330** Optiflow tubing
- F&P **RT024** Dry line extension kit
- Water for irrigation 1 litre

Optiflow Nasal Cannula

- Premature - Max 8L/min
- Neonatal - Max 8L/min
- Infant - Max 20L/min
- Paediatric - Max 25L/min

Equipment for > 25 Litres/min






- Fisher and Paykel **RT202** Adult breathing circuit
- Water for irrigation 1 litre

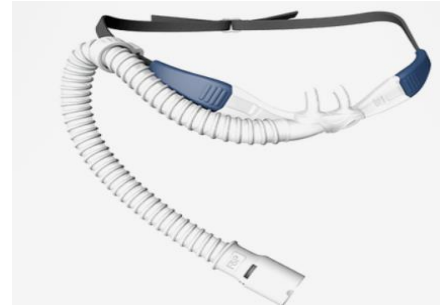
Optiflow Nasal Cannula

- Small – 2-60 L/min
- Medium – 2-60 L/min
- Large – 2-60 L/min

Optiflow Nasal Cannula 2-25L/min

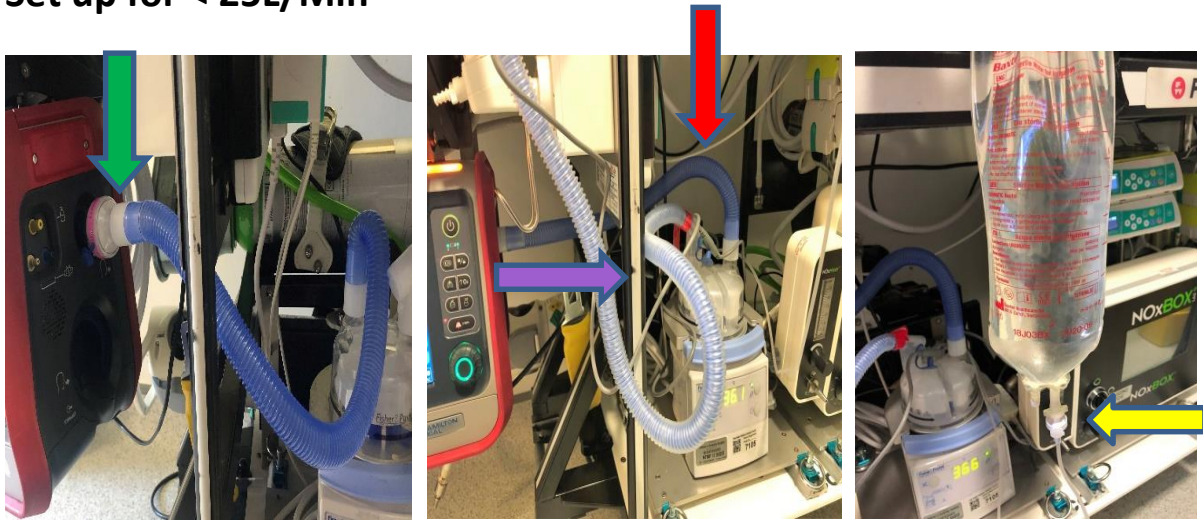
F&P OPTIFLOW JUNIOR NASAL CANNULA		APPROX WEIGHT (KG)							ACCESSORY			
PRODUCT SIZE	ITEM CODE	2	4	6	8	10	12	14		16	20	22
 Premature	OPT312											Wigglepads OPT010
 Neonatal	OPT314											Wigglepads OPT012
 Infant	OPT316											Wigglepads OPT012
 Paediatric	OPT318											Wigglepads OPT012

Optiflow Nasal Cannula 2-60L/min



Small, Medium, Large

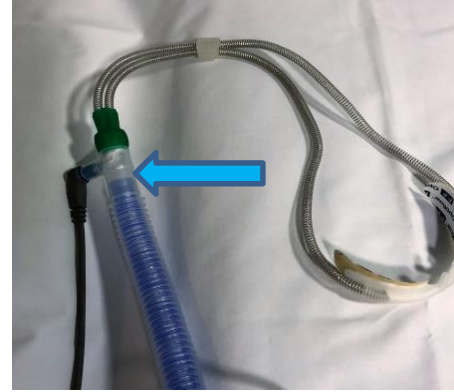
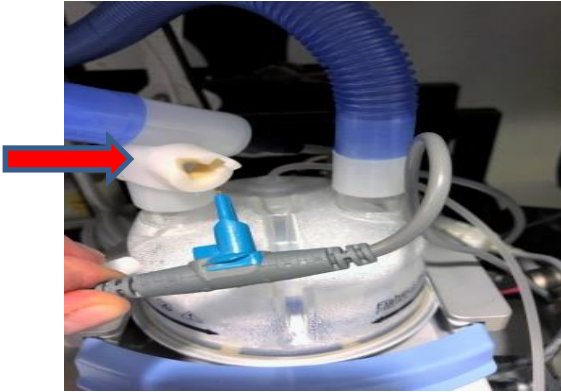
Set up for < 25L/Min



1. For **all** patients (regardless of infection status), place an Armstrong **pharma mini HME Filter** on the Inspiratory port of Hamilton ventilator (filters air and protects patient).
2. Slide humidifier chamber onto humidifier base.
3. Attach F&P **dry line** from one port on the humidifier chamber to the inspiratory port.
4. Attach F&P **RT330 tubing** to other port of humidifier chamber.
5. Connect the 1Litre bag of Water to the **spike** on the humidifier chamber
6. Attach the 2 colour coded (yellow & blue) humidifier wires to the side of the humidifier (3 probes to be attached to circuit)
7. Select appropriate size Optiflow nasal cannula and connect to other end of patient circuit



8. 1st probe: 3 prong heating probe
9. Insert 3 prong probe to **back** of RT330 tubing on chamber



10. 2nd probe: Chamber probe, insert as **indicated**

11. 3rd probe: Airway probe & nasal cannula to patient end of tubing

Set up for > 25L/Min

- **NB:** Set up follows the same process except with the Fisher and Paykel RT202 Adult breathing circuit & appropriate size Optiflow Nasal Cannula
- For **all** patients (regardless of infection status), place an Armstrong pharma mini HME Filter on the Inspiratory port of Hamilton ventilator (filters air and protects patient).

Setting up the Hamilton ventilator



Select Adult/Ped



Select Modes & HiFlow 02



Select Flow & Oxygen

Calculating O2 Consumption & requirements during Hi Flow Therapy

- Once the Hi flow O2 therapy is established for approx. 5 minutes on the selected flow and oxygen settings, press System on the Hamilton ventilator
- The oxygen consumption is shown in the bottom left hand corner.



- Using the ET/Fluid/Oxygen calculator guide on www.ipats.ie, enter the O2 consumption figure and the journey time (x2) to establish the O2 requirements for the journey.

Please note:

- Active humidification is mandatory at all times for Hi Flow therapy.
- For **all** patients use Armstrong Pharma mini HME filter at inspiratory port to filter air and protect patient ([regardless of infection status](#)).
- If the flow exceeds the recommend flow (Litres/min) for the selected nasal cannula, the ventilator will stop and therapy will not be delivered until the flow is adjusted.
- There is no apnoea or no disconnection alarm active when in high flow mode.