

## Heated Humidified High flow therapy (HHFT) for children and young people

### A Pan London and South East of England approach-Appendix 2 Set up guide for Inspiration Air/O<sub>2</sub> Blender

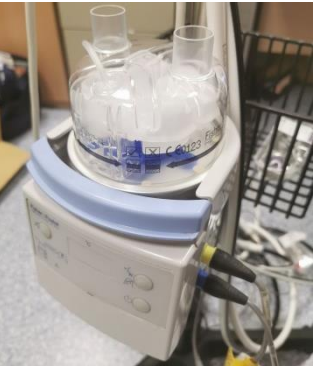


#### INSTALL WATER CHAMBER

Remove the blue port caps from the chamber by pulling the blue tear tab upwards then remove the bracket holding the water supply tube.

Fit the water chamber to the unit by pressing down the finger guard and sliding the chamber on, carefully aligning with the blue chamber port ends.

Push the chamber on firmly until the finger guard clicks into place.



#### CONNECT WATER BAG

Attach the sterile water bag by pushing the bag spike into the fitting at the bottom of the bag, and attach to hanging bracket above the unit.

The chamber will now automatically fill to the required level and maintain that level until the water bag is empty.

To ensure continual humidification, always ensure that the water chamber and/or water bag are not allowed to run of water.

Check that water flows into the chamber and is maintained below the maximum water level line. If the water level rises above the maximum water level line, replace the chamber immediately.



#### INSTALL BREATHING TUBE & OXYGEN DELIVERY PIECE

Place the wider bore end of the breathing tube into one side of the humidifier as pictured. Place the oxygen delivery piece in the other side of the humidifier as pictured.



#### INSTALL HUMIDIFICATION CABLES

The circuit requires 3 humidification points to be effective. The F&P humidifier has 2 cables – insert these into the colour-corresponding points on the humidifying. Connect the ends of these cables to the points as pictured.

Note: cables have appropriate length to connect to corresponding point. E.g. longest cable connects next to patient interface point, shortest connects closest to humidifier.



#### INSTALL OXYGEN TUBING

Attach one end of the oxygen tubing to the appropriate flow meter (dependant on prescribed L/min), and the other to the oxygen delivery piece.

#### SELECT PATIENT INTERFACE

Optiflow can be used with a variety of patient interfaces (F&P). Read the separate user instructions for the patient interface that will be used, including all warnings.

Connect the appropriate size nasal interface to the end of the breathing tube.



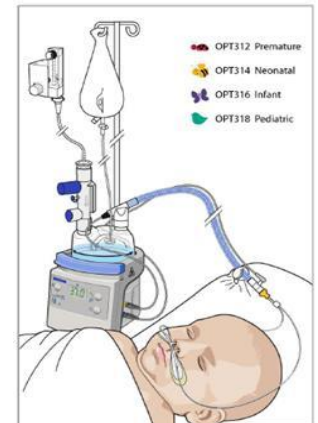
#### ATTACH OXYGEN AND AIR TUBING & SWITCH ON HUMIDIFIER

Ensure the correct mode of humidification is selected, as many humidifiers automatically set to invasive mode. Consult with humidifier user instructions for more details.

Note: cables have appropriate length to connect to corresponding point. E.g. longest cable connects next to patient interface point, shortest connects closest to humidifier.

#### PROGRAMME PRESCRIBED SETTINGS

Flow is programmed by the oxygen flow meter whilst oxygen (in %) is programmed by the dial as pictured.



#### CONNECT YOUR PATIENT

The system will automatically deliver prescribed treatment if programmed correctly.

F&P OPTIFLOW JUNIOR		APPROX WEIGHT (KG)										SPARE WIGGLEPADS	
OPTIFLOW JUNIOR NASAL CANNULA	ITEM CODE	2	4	6	8	10	12	14	16	18	20	22	
Premature Size	OPT312	Max. flow 8 L/min										OPT010	
Neonatal Size	OPT314	Max. flow 8 L/min											
Infant Size	OPT316	Max. flow 20 L/min										OPT012	
Pediatric Size	OPT318	Max. flow 25 L/min											