

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

A Pan London and South East of England approach-Appendix 1 Set up guide for Fisher and Paykel Airvo 2



INSTALL WATER CHAMBER

Attach the first part of the chamber by pulling the blue flow tube upwards then remove the bracket holding the water supply tube.

Fit the weighted adapter over the two vertical ports on the chamber and push on fully then clip the water supply tube into position.



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

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



CONNECT WATER BAG

Attach the sterile water bag by pushing the bag up 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 optimal humidification, always ensure that the water chamber and/or water bag are not allowed to run out of water.



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



INSTALL HEATED BREATHING TUBE

One end of the heated breathing tube has a blue plastic sleeve like the device and slide the connector onto the unit. Push the sleeve down to lock.

SELECT PATIENT INTERFACE

The Airvo 2 can be used with a variety of patient interfaces. Read the separate user instructions for the patient interface that will be used, including all warnings.

Adapted from Airvo 2 User Manual



SWITCH ON UNIT

Plug the unit's power cord into the mains power socket. The connector at the other end of the power cord should be well secured to the rear of the unit.

Switch on the unit by pressing the On/Off button for 3 seconds.



CHECK DISINFECTION STATUS

The unit will show you whether it is safe to use as a new patient.

A disinfection is needed from which supplied, not disinfection tubing. This process will take 30 minutes.

To ensure machines are ready to use please internal processes encourage disinfection at the end of patient use.



WARM UP

The unit will begin to warm up. You will see numbers showing the current output flow point.



SETUP MODE

If the patient will be using an **OpenFlow**™ nasal cannula, you must activate Setup Mode. To activate, hold the Mode button for 3 seconds. The target settings will be changed automatically – shown by the coloured bar on the screen. To deactivate repeat this process.

CONFIRM TARGET SETTINGS

Press the Mode button to view target settings. These settings are locked by default. Press the Mode button to move on to the next screen.

THE CHAMBER LOCKS SETTINGS

Hold the Up and Down buttons for 3 seconds to "unlock" the settings. The lock will disappear and be replaced by an arrow showing the minimum and maximum acceptable settings. Press the Up and Down buttons to change the new setting, and press the Mode button to confirm and "lock".

TARGET FLOW

You can set the FLOW to flow between 60L/min and 80L/min, in increments of 5L/min (20-25L/min and 75-80L/min).

Press the Mode button to move on to the next screen.

FLOW

You can connect up to 80L/min of supplementary oxygen from a regulated supply to the Airvo2.

CONNECT O2

Connect the output from the oxygen source to the oxygen inlet port on the side of the unit. Make sure you push the oxygen tube firmly into this connection port.

ADJUST O2

Adjust the level of oxygen from the oxygen source, until the device oxygen fraction is displayed on screen.

Press the Mode button to return to the Settings screen.

CONNECT YOUR PATIENT

Start with the "Ready for Use" symbol's shown.

Remember to check machine at end of patient treatment using unit being provided

Patient Interface	FiO2	Flow	Humidity	Temperature	Pressure	CPAP	PEEP	Flow Limit
CPAP	21	10	30	37	5	0	0	10
CPAP	21	10	30	37	5	0	0	10
CPAP	21	10	30	37	5	0	0	10
CPAP	21	10	30	37	5	0	0	10
CPAP	21	10	30	37	5	0	0	10
CPAP	21	10	30	37	5	0	0	10
CPAP	21	10	30	37	5	0	0	10
CPAP	21	10	30	37	5	0	0	10
CPAP	21	10	30	37	5	0	0	10
CPAP	21	10	30	37	5	0	0	10



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