

This guide is intended to show the user how to set up the CPAP circuit. A separate guide on how to set up the CPAP Dreamstation is available.

The addition of an HMEF bacterial / viral filter between the mask and the exhalation port reduces the risk of aerosolisation of Covid-19 virus.

**Equipment required**

|  |  |
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| **Dreamstation CPAP ventilator** |  |
| **Interface**  (Mask, full face mask, Hood (if available))  For size guide re mask fit please see mask packaging |  |
| **Connecting tubing with bacterial/viral filter** | C:\Users\Ian Benton\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_0898.jpg |
| **HMEF Filter (square or round)**  These are bi-directional (It doesn’t matter which way round they are fitted)  Can be used up to 72 hours (if remains dry) | C:\Users\Ian Benton\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_0906.jpg |

**Set up**

1. **Tubing / filter**

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| Open tubing set | C:\Users\Ian Benton\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_0898.jpg  A |
| Disconnect narrow tubing from side port at non filter end (A) | C:\Users\Ian Benton\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_0908.jpg C:\Users\Ian Benton\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_0909.jpg |
| Close / cap off the inlet pipe  Discard narrow tubing. | C:\Users\Ian Benton\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_0914.jpg |
| Important step  Connect HMEF filter between mask and tubing.  HMEF Filter is bi-directional – It doesn’t matter which way round it is fitted. |  |
| Filtered air from the patient will escape through the side port of the tubing. | C:\Users\Ian Benton\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_0915.jpg |
| Connect fixed filter end of tubing to CPAP machine | C:\Users\Ian Benton\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_0927.jpg |

1. **Entrained Oxygen**

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| For mask:  Attach entrained oxygen from wall directly to mask port | C:\Users\Ian Benton\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_0912.jpg |
| For full face mask:  Attach entrained oxygen from wall to side of valve | C:\Users\Ian Benton\AppData\Local\Microsoft\Windows\INetCache\Content.Word\IMG_0918.jpg |