

# Airing™



A micro-CPAP device that has no hoses, no cords and no mask has been invented. It was created because too many people have sleep Apnoea, and too many of those people do not wear a CPAP mask. It is understandable why they do not use existing devices, since the current technology used is quite bulky (See figure 1).



Figure 1 Existing CPAP mask

Obstructive Sleep Apnoea (OSA) is typically caused by a blockage of the airway when soft tissue in the rear of the throat collapses during sleep. If untreated, OSA can provoke a number of serious health problems, including high blood pressure, cardio vascular disease, memory impairment, weight gain and headaches. The standard treatment for OSA is known as “Continuous Positive Airway Pressure” or CPAP.

CPAP machines can mitigate this problem, but their poor design causes sleep Apnoea sufferers to give up on using it. It is interesting to note that 50% of CPAP users stop using such CPAP masks within one year of receiving them, this is why the Airing has been invented. The Airing intends to change this with a revolutionary design that will work as well as any other CPAP machine, only now the patient will not have to deal with a cumbersome and uncomfortable mask.

Another reason patients give up on the traditional CPAP masks is that they get dirty and need to be cleaned regularly. This is not the case with the Airing. Each Airing device is designed for one night's use only and is recyclable. As a result of this every night you will have a new clean device with no cleaning required, ever. Airing also liberates you from the uncomfortable straps and the noisy hum that both come with other CPAP machines.

Airings' design is a by-product of several inventions, chief of which are the micro-blowers originally intended for heat regulation of computer chips. These micro-blowers are entirely contained within the Airing device, so there is no need for any power wires. To use the Airing just "plug" the comfortable buds into your nostrils and breath all night long. CPAP masks have a difficult time maintaining a perfect seal onto your face as you move during sleep.



As a result of this the rushing air will wake up not only you but also your partner. The hose used by CPAP masks drag on the bed, giving additional discomfort and can cause sleeping disruptions. However, the Airing creates a tight fit inside your nostrils with no hoses to catch on anything giving you a good night sleep while additionally eliminating snoring.

