

Mobile APM Aircleaner

The mobile APM Aircleaner, equipped with Ozone producing UV-C lamps, is based on the same photolytic oxidation technology as the other patented products in our range.

The APM Aircleaner is applicable in bacteria loaded environments and sterilises rooms up to 800 m³. It removes odours and at the same time it kills bacteria, vira and yeast cultures in the air that passes through the APM Aircleaner. When using UV-C light, simple cells, e.g. bacteria, vira, mould and yeast cultures cannot reproduce.



The APM Aircleaner is designed to sterilise and remove odours in decontaminated transport containers. It is however also suitable for depots, storage rooms, holdings in cargo ships etc.

Jimco products clean the air by means of ozone producing UV-C light. The UV-C light reacts with the natural oxygen in the air and thereby forming ozone. The ozone will decompose naturally after a short period, depending on the amount of pollution material to be oxidised (treated) and the amount of UV-C light present. After reacting on organic substances, ozone returns to its original form, which is oxygen (O²). This means that no Nitric Oxide (NOX) is formed contrary to the traditional manufacturing process where the ozone is formed by means of high voltage. The smell detection limit for ozone is 0.02 ppm. When this limit is reached the ozone smell becomes unpleasant.

Chemical code for ozone: O³

Smell detection limit: 0.02 ppm = 0.04 mg/m³.

Allowed concentration in working environments: 0,10 ppm = 0.20 mg/m³

The environmental authorities do not list ozone as a dangerous substance.

During the treatment process personnel are not allowed to stay in the room.

Technical data:	APM
UV-C Lamps:	4 x 39 watt
Voltage:	230 v
Power consumption:	280 Watt
Capacity:	800 m ³
Cables:	According to EEC standards

If you have any questions or need additional information, please do not hesitate to contact us.



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