

11th February 2021

Ozone: Work Exposure Limits

To whom it may concern,

In regards to our BioZone AirCare units and the issue around Ozone exposure and possible harmful effects, we are governed by EU Regulations (EH40: EU Work Exposure Limits) regarding a maximum Ozone exposure limit which has been set as a standard of 0.2 PPM (Parts Per Million) for a 15 minute period.

Hence why we do not endorse our units to be sited in permanently occupied areas such as classrooms or office environments in continuous use but rather what we refer to as 'transient' areas where people do not spend a particularly long amount of time - such as corridors, changing rooms, nappy changing facilities, washrooms, etc.

In a controlled lab test environment, the BioZone AirCare units are designed to transmit no more than 0.05 PPM (25% of the exposure limit) and in a real world environment (such as a corridor, changing room, etc) it is somewhere between 0.01-0.02 PPM (5-10%) of the EU defined regulations. Our BioZone PR unit will operate to exactly the same standard as it is modelled on the same Ozone producing UV lamps as our AirCare system.

Only with prolonged periods of exposure to much higher concentrations of Ozone than our units are capable of producing can there be any health risks involved whatsoever.

The risk of any Ozone related harm as a direct result of the usage of the BioZone AirCare and BioZone PR units is therefore extremely slim to none and our products are fully certified and vetted on both their safety and application through SGS Certification.

With regard to our Mini PowerZone (MPZ) unit, this is a portable but powerful industrial strength unit designed to give a high output of Photoplasma and Ozone into the area that the user is intending to treat. We have of course introduced strict guidelines on the usage of this unit to ensure no person is present whilst this unit is in operation. Due to these strict guidelines, and if adhered to, there is no serious health risks associated to this unit.

As a further endorsement of the vetting of our business, we are also active members of EUOTA (European Ozone Trade Association) which governs those businesses (whose products produce Ozone) wishing to operate in the European market to abide by the regulations that are currently in place.

I trust this addresses the issue fully but should you need any further information please do not hesitate to contact a BioZone representative directly.

Yours sincerely,



Qasim Arshad
Sales + Marketing Director – EMEA Region
BioZone Scientific International Inc.