

11th February 2021

Ozone: OSHA Guidelines

To whom it may concern,

The widely accepted ozone concentration limit for long-term human exposure is 0.1 parts per million (ppm). The U.S. Occupational Safety and Health Administration establishes further guidelines ranging from 0.1 ppm for 8 hours exposure doing light work to 0.05 ppm for 8 hours exposure doing heavy work.

Source: <https://www.osha.gov/chemicaldata/chemResult.html?RecNo=9>

Products must meet applicable safety standards defined by the regulatory area where they are sold. For “air purifiers” in the U.S. this is standard UL 867 and in the EU this is standard EN 60335-2-65. These standards limit the ozone concentration produced by an air purification device to no more than 0.05 ppm when tested in a small, airtight, non-reactive (stainless steel) room. These standards ensure no harmful build-up of ozone may occur in occupied spaces. BioZone AC and PR devices are certified to this standard.

BioZone Mini PowerZone (MPZ) is designed for housekeeping staff to provide a short, powerful cleaning cycle for UNOCCUPIED spaces such as hotel rooms, smoking lounges, etc. No certification standard exists for this application. MPZ includes a timer so housekeeping can set the device to run, evacuate the room, and allow sufficient time for the run cycle to complete and the ozone to dissipate before re-entering the room. MPZ includes warnings and clear instructions to prevent human exposure.

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,



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