

ABSTRACT

DISTRIBUTED STERILIZER SYSTEM

A distributed sterilizer system for distributing ozone water to a plurality of rooms comprising an ozone generation system for generating ozone from an air supply, a plurality of injection devices for mixing the ozone generated from the ozone generation system with a supply of water to form ozone water and a delivery piping system for distributing the ozone water from the plurality of injection devices into each of the plurality of rooms. The ozone generation system further comprises a centralized oxygen concentrator for providing a supply of oxygen and a plurality of ozone generators for generating ozone from the oxygen supplied by the centralized oxygen concentrator. The distributed sterilizer system also provides a mechanism for distributing ozone directly to a plurality of other rooms.

FIGURE 1