OZONE INDIA TECHNOLOGY

(HEALTHY INDIA OZONE INDIA)

OZONE USE IN HVAC

OZONE INDIA TECHNOLOGY team designed & developed Ozonation system cost effective solution for AHU plant .Many Ozonation system installed AHU plant in INDIA city.

Ozone increasingly is being employed commercially for **air treatment odor control (removal of VOCs from the air)**. This is conveniently and practically achieved by integrating the ozone generator system into the HVAC system. Ozone sensors are installed to maintain ozone concentrations at an optimum level.

Ozone applied on a large scale to heating, ventilating, and air conditioning (HVAC) systems.

Major reasons for this surge of interest in ozone treatment of indoor air include:

• Heightened public awareness that something can be done about indoor air quality (IAQ).

• Increased IAQ problems due to sealed buildings and less makeup (outside) air metered into HVAC systems.

• Increased public intolerance for smoking and the realization that many common chemicals contribute to poor IAQ.

• OZONE INDIA TECHNOLOGY ozone generator and ozone monitor designs that make system control a reality.

• Attractive payback economics due to savings in energy and in replenishments for carbon filters which have been eliminated.

Why use ozone treatment for HVAC

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In air treatment systems carbon filters have been used to remove airborne chemicals and microspore filters have been used to block the passage of pathogens. These filters are now just beginning to be replaced by **ozone** because the filters have high periodic replenishment costs, and overcoming the pressure drop they cause consumes costly energy.

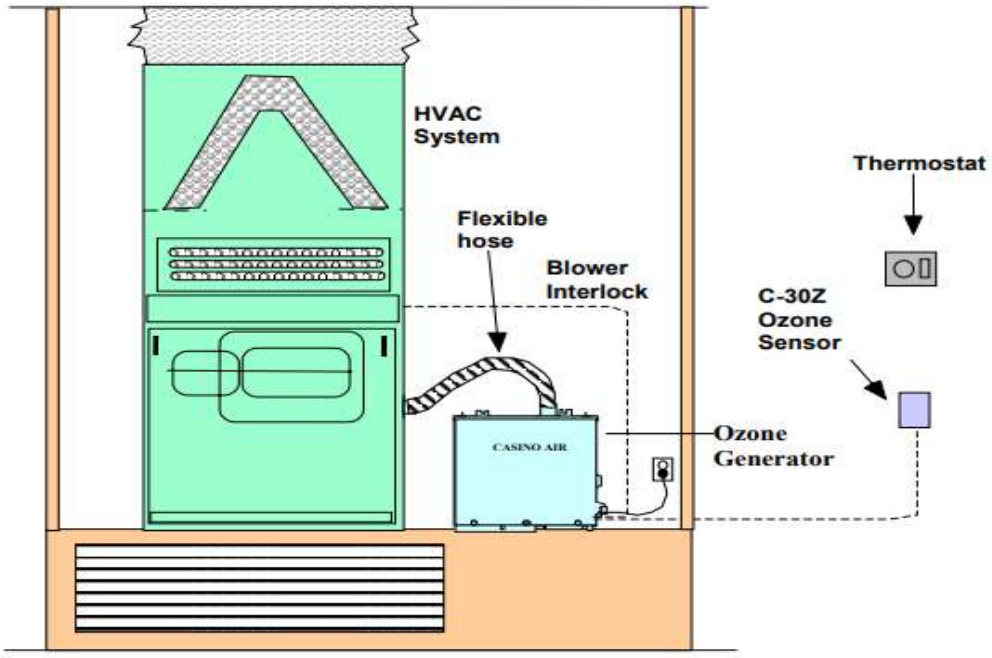

Figure 2
Typical HVAC Connection for Indoor Air Quality Control

Note-ASHRAE recommend the ozone for prevent during the COVID-19 pandemic in HVAC As per guideline ,

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