



Evaluation of Aircode TA/TG-400, ID-500 and CX-600 Ion Generating Units

SUMMARY

Ions generated By Aircode units CX-600 and IDAC-500 units reduced levels of a range of air-borne pollutants, including:

Odours

- o reduction of smoke and other odours by 59% in a working environment at West Pennant No odours and smoke was detected at Star City Casino.
- o up to 20 times faster reduction of cigarette smoke compounds (odours) under very high levels of cigarette smoke in test room.

Microorganisms

- o reduction of bacteria levels suspended in the air in a working environment at West Pennant Hills Sports Club by 49% and at Star City Casino by 52%
- o reduced viability of *B. cinerea* spores on metal surface by 56%.
- o reduced viability of high levels of *P. expansum* spores on metal surface by up to 95%

Air-borne particulates

- o reduction of dust and particles in the air in a working environment at West Pennant Hills Sports Club by 49% (up to 69% reduction in the poorest quality air) and at Star City Casino by 45%

BACKGROUND

The CX-600, ID-500 and Aircode TA/TG-400 ionisation units generate negative ions, which can cause fine air particles (eg. dust, smoke, microbial spores etc) with opposite charges to stick together. Densely combined particulates may eventually precipitate (fall out) of the air, thus creating a cleaner air environment.

Signed

Dr Stephen Morris
Managing Director