

Ionair IAQ Ionization



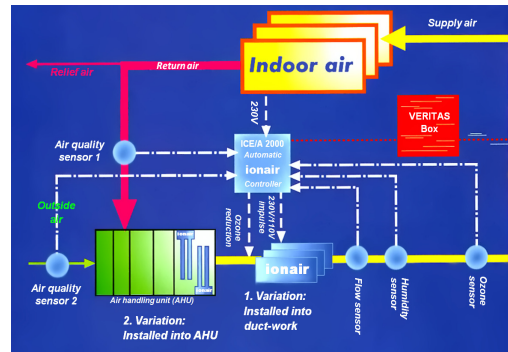
Ionair® in-duct Module



Ionair® Performance Control ICE/A 2000



Installed Ionair® system with ICE/A Controller



Ionair® System

The Ionair® Fresh Air System

Through a natural process of activating oxygen, oxidisable pollution of air is neutralized and germs, as well as minute dust particles, are reduced, to produce pure, bioactive and fresh indoor air. The Performance Control regulates and controls the active regeneration of outside and re-circulated air that the intensity of ionization is automatically optimized depending on situation and demand. Optimum ionization of the air depends on the level of air pollution, the relative humidity, air flow and the ozone level.

Indoor Air Quality

Treatment of re-circulated air (outside air supply optimized in proportion to CO₂ level and energy requirements)

- Effective reduction of VOCs and other air pollutants
- Ionization saves energy and costs

Germs Reduction

Hygienic air in food processing

- Significant reduction of total germ level
- Quality assurance in food processing and improvement of freshness for storage durability.

Treatment of relief air

The Ionair® multi stage process for the treatment of exhaust air solves many environmental problems for industry, waste disposal units and kitchen

- Low installation costs
- Low energy and running costs