

REZNOR®

Trusted Heating Solutions

AirMix

High Induction Distribution System





AirMix

High Induction Air Distribution System

The Air Mix high induction air distribution system is an innovative concept that is quick and easy to install, reliable, and inexpensive in operation. It provides an evenly diffused distribution of warm air and is ideal for open warehouse or retail areas without false ceilings.

The system utilises a lightweight duct that has a large number of small outlet nozzles, either evenly spaced along the length of the duct or located in specific areas.

Air is introduced into the duct and forced out of the nozzles at high speed, creating a negative pressure zone - thereby inducing surrounding air and recirculating "free heat" from lighting and heat that has risen to the roof space which would normally be wasted.

The result is a very evenly distributed heat at low air velocities and low noise levels, eliminating excess heat stratification and the need for air re-circulation fans.

Model Range

The Air Mix diffusers are made with airtight fireproof fabric, which thanks to a special treatment will remain unaltered over time. They are supplied complete with assembly kit.

The kit includes:

- Tailor made duct
- Fixing bands
- Suspension system

Specification

Air Mix is centred on an innovative duct system manufactured from a fire resistant coated fabric, specially treated against dust, and acid vapours for guaranteed stability.

The system allows the use of smaller duct diameters, reducing the weight on the building structure and reduces installation time.

Each system is custom designed and manufactured in accordance with individual specifications, with the number, layout and diameter of ducts determined for maximum efficiency. Ducts are available in a wide range of colours to suit the decor of the location and require no further decorative finish on site. Final adjustments are carried out after installation and the system needs minimal maintenance.

Applications

- Factories
- Warehouses
- Workshops
- Sports centres
- Retail
- Offices
- Food industry
- Pharmaceutical industry

Features & Benefits

- Uniform temperature in air conditioning and heating
- Maximum room comfort
- Greatly reduced heat stratification
- No air currents
- No suspended dust particles
- Simple to install

Types

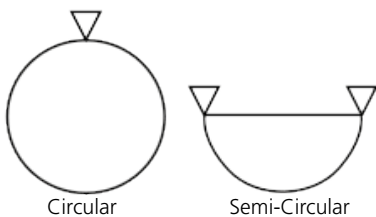
The AirMix distribution system is suitable for supermarkets, workshops, sports centres, swimming pools and many other commercial and industrial premises.

AirMix ducts are made from either glass fabric or polyester. On the two surfaces, PVC is spread. AirMix is available in 14 colours and is approved in Class 1.

A custom series with anti-bacterial and anti-allergic certification is available for the food and pharmaceutical industries.

Shapes

AirMix ducts are produced in circular or semi-circular profiles in order to adapt to any application.



Maintenance

To guarantee the quality of the air flowing inside the AirMix ducts, it is necessary that the ducting system be kept clean.

The AirMix diffuser system allows easy access for maintenance and cleaning.



Available colours

Standard Series Class 1	Fire Safe Series Class 0	Office Series Class 1
Light Blue 001	Light Blue 001	Light Blue 001
Blue 002	White 003	White 003
White 003	Green 007	Orange 004
Orange 004	Yellow 011	Green 007
Cyclamen 005	Black 012	Yellow 011
Green 006	Red 013	Red 013
Green 007	Grey 014	Grey 014
Green 008		
Champagne 009		
Brown 010		
Yellow 011		
Black 012		

Other products in the Reznor range:-

- Warm air heaters
- Radiant heating
- Destratification fans
- Heating & ventilation units
- Packaged rooftop units
- Air curtains
- Gas fired heater modules
- Evaporative cooling

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NORTEK GLOBAL HVAC (UK) LTD
Fens Pool Avenue
Brierley Hill
West Midlands DY5 1QA
United Kingdom

Tel: +44 (0)1384 489 250
Fax: +44 (0)1384 489 707

reznorsales@nortek.com
www.reznor.eu