



DIFFUSE AIR

CREATES UNIFORM GROWING
ENVIRONMENTS

A new solution for grow room
air distribution has arrived:

DIFFUSE AIR

DiffuseAir offer you total control over the climate of your grow room. Eliminates microclimates, high humidity zones and hot spots by efficiently mixing the air in your grow room. DiffuseAir eliminates harsh air streams that can cause wind burn to your plants and salt accumulation in the growing media. Being ceiling hung DiffuseAir gives you more floor space for growing.

Offering a flexible approach to your ventilation needs. You can use it as a stand alone system for mixing static air. It can also be used as the inlet distribution for fresh air into your grow room. In large grow rooms you can use multiple DiffuseAir systems. Our system can be used with filters to scrub the air, reducing dust and mould spores.

- Aerodynamically efficient
- Proven technology
- Ceiling hung for more grow space
- Improved environment = improved yields



AIR DISTRIBUTION

The DiffuseAir system will pull air in from the top of your room and push it out above the canopy moving the air between the grow lights and the plants.

This approach is ideal for reducing temperature microclimates in both ventilated and closed-loop grow rooms. If you have a square grow room, one centrally mounted DiffuseAir system can replace all other air movement fans.

You can also attach a carbon filter to the fan inlet to act as an air scrubber, reducing dust, mould spores and odours!

INLET DISTRIBUTION

The DiffuseAir system can be used as the distribution point for your fresh input air supply. Mixing all the air in your grow room.

Simply attach ducting to the fan and pull the air from your desired location, such as fresh air from outside. Allowing the DiffuseAir to act as your climate cooling intake fan, distributing CO₂ rich air right where your plants need it.



MULTIPLE SYSTEMS

Too often, growers run into problems with air movement across larger rooms.

Oscillating fans are often pointed at plants causing unnecessary movement of air across the leaves, this forces higher rates of transpiration which can lead to problems such as wind burn and salt accumulation in the growing media. Positioning the DiffuseAir in multiple places above the plant canopy will evenly distribute air, reducing hot spots and humidity pockets.

