

Horizontal Air Flow Fans

What is HAF?

- Is Horizontal Air Flow.
- Refers to using circulation fans to create a continuous gentle 'racetrack' air flow pattern to mix the air mass in a greenhouse.
- Other names for HAF fans are basket fans, stir fans, circulation fans or mixing fans.

Why mix the air mass?

- Air stratification is practically eliminated.
- Corners of greenhouse are 'scrubbed' eliminating hot and cold spots.
- Condensation is reduced.
- Carbon dioxide utilization is improved.
- Humidity within the plant canopy is reduced.

How do we use them?

- Place one Schaefer VK12 every 50 - 60 feet at gutter height.
- Place horizontally, do not place at an angle or aim at crop.
- Place two rows in each bay, one row going up and one row coming back. (See patterns below)

Why Schaefer fans?

- Schaefer fans have a patented guard allowing for more airflow, with less restriction than typical basket style fans.
- Schaefer fans are very quiet because they are smaller and less restrictive.
- The Schaefer 12" VK12 has airflow of competitors' 20" fans.
- Schaefer fans use totally enclosed, maintenance free heavy-duty motors.
- Schaefer fans come with a solid mount to avoid twisting, swaying and disruptive uneven air circulation patterns that can occur with chain mounts.

