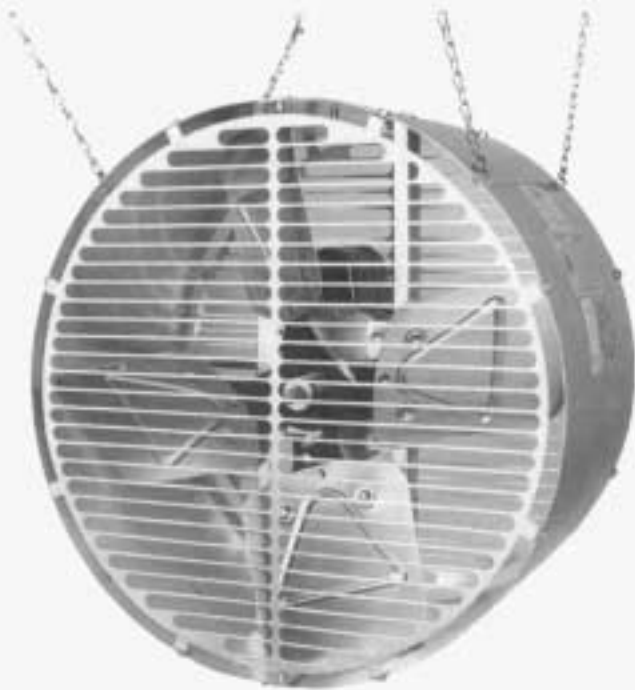


CONTROLLED ENVIRONMENT SYSTEMS FOR FARM BUILDINGS



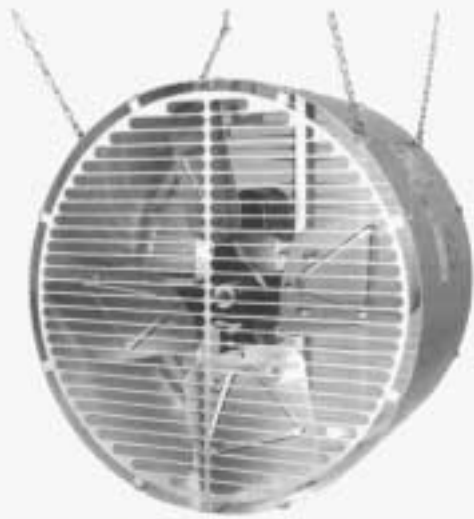
COOLAIR HORIZONTAL AIR FAN

Eliminate Air Stratification
Eliminate Hot & Cold Spots
Reduce Condensation
Improve Carbon Dioxide Utilization
TYPE FH18 FAN



FARM PRODUCTS DIVISION

MEMBER OF AMCA
AMERICAN COOLAIR CORPORATION
PHONE (904) 389-3646
BOX 2300, JACKSONVILLE, FLORIDA 32203
FAX (904) 387-3449



Coolair[®] MEANS PERFORMANCE PLUS...

Coolair FH18 Fans have totally enclosed, permanent split capacitor motors. Blades are direct mounted to the motor and installed in a galvanized ring with guards front and rear. Any fan mounted 7' or less from the floor must have guards.

Fans should be installed from 6' to 10' high but at least 1' below the roof. Fans should always be placed above the top of the crop for high growing crops such as tomatoes and roses.

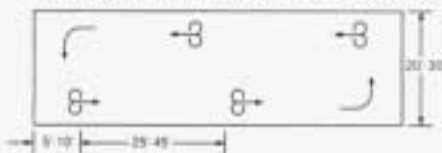
In general, the amount of horizontal air movement needed is 2½ to 3 CFM per square foot of floor space.

Coolair FH18 Fans have blades mounted in a tube to give the air more directional throw and more overall air movement through entrainment of the air with the fan airstream.

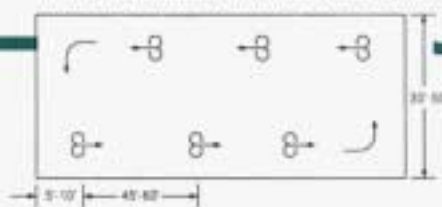
Plants grow better when air circulates around the plants. The circulating air keeps the disease promoting condensation from the plant surfaces. The circulating air keeps the CO₂ levels higher at the plant level.

Horizontal air fans are used to stir the air when the exhaust fan system is not operating at full airflow such as it would be when the temperature is higher than the desired temperature in the greenhouse.

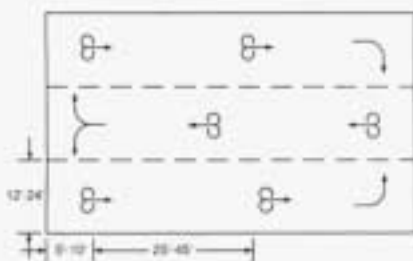
TYPICAL FAN PLACEMENT WITH FH18B11 FANS IN NARROW INDIVIDUAL HOUSE



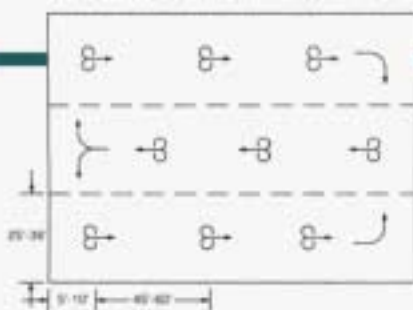
TYPICAL FAN PLACEMENT WITH FH18G11 FANS IN INDIVIDUAL HOUSE



TYPICAL FAN PLACEMENT WITH FH18B11 FANS IN MULTI-GUTTER HOUSES



TYPICAL FAN PLACEMENT WITH FH18G11 FANS IN MULTI-GUTTER HOUSES



WARNING



Do not install fan with moving parts within 8 feet of floor or grade level without a guard that complies with OSHA Regulations. Do not use unless electrical wiring complies with all applicable codes. Do not wire without providing for a power source disconnect at the fan box. Do not service except by a qualified maintenance technician and only after disconnecting the power source. Failure to observe these precautions can result in serious injury or death.

CAUTION

LIMITED WARRANTY

In the sale of its products American Coolair Corporation agrees to correct by repairs or replacement any defects in workmanship or material which may develop under proper or normal use during the period of one year from date of shipment from factory. Any product or part proving upon American Coolair's examination to be defective during limited warranty period will be replaced or repaired, at American Coolair's option, to its factory, without charge. Deterioration or wear caused by chemicals, abrasive action or excessive heat shall not constitute defects. Motors are guaranteed only to the extent of manufacturer's warranty. American Coolair's limited warranty does not apply to any of its products or parts that have been subject to accidental damage, misuse by the user, unauthorized alterations, improper installation or electrical wiring, or lack of proper lubrication or other service requirements established by American Coolair. Repairs or replacements provided under the above terms shall constitute fulfillment of all American Coolair's obligations with respect to limited warranty. THE LIMITED WARRANTY STATED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, STATUTORY OR IMPLIED, INCLUDING WITHOUT LIMITATION THAT OF MERCHANTABILITY AND FITNESS. No liability for installation cost or for any special, indirect or consequential damages of any nature is assumed or shall be imposed upon American Coolair.

MODEL	BLADE DIAMETER	MOTOR H.P.	VOLTAGE	FAN RPM	CFM
FH18B11	18"	1/15 HP	115	1100	2000
FH18G11	18"	1/4 HP	115	1050	3500

WARNING: If these ventilation products are used in agricultural structures to support life where failure of the ventilation could result in loss or injury, the user should provide an adequate back-up ventilation system and a failure alarm system. The user must accept the risk of such loss or injury from failure of the ventilation system.



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