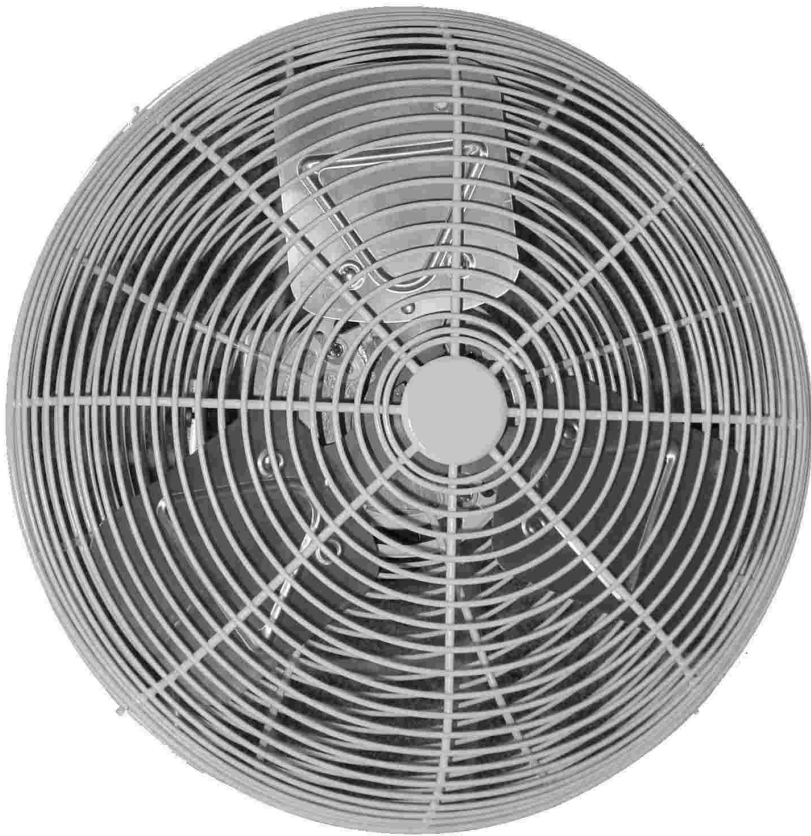


CONTROLLED ENVIRONMENT SYSTEMS FOR FARM BUILDINGS



TYPE

BK

**WIRE
BASKET
HORIZONTAL
AIRFLOW FAN**



FARM PRODUCTS DIVISION

MEMBER OF AMCA
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Coolair® MEANS PERFORMANCE PLUS...

ALL NEW WIRE BASKET HORIZONTAL AIRFLOW FANS

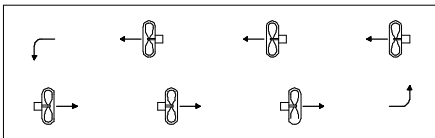


Eliminate air stratification, reduce condensation, and eliminate hot and cold spots effectively and economically with American Coolair's Type BK fans. These fans feature aluminum propellers directly mounted to totally enclosed motors, and encased in coated steel wire guards that comply with OSHA standards. Each BK fan comes with a rafter hanging kit designed to easily mount to a "2-by" wooden beam or up to 2-1/8" metal tubing as standard. Wall and ceiling mounting brackets, as well as chain kits, are also available to install the fans virtually anywhere in the building.

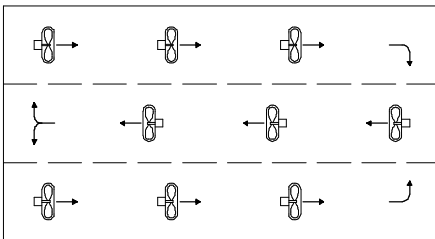
In greenhouses, proper air circulation helps plants grow better by increasing the amount of CO₂ at the plant level and reducing condensation on plant surfaces, reducing the risk of disease.

In chicken or other livestock houses, proper air circulation provides even cooling and reduces livestock stress levels.

In general, the amount of horizontal airflow needed is 2½ to 3 CFM per square foot of floor space. Use the fans whenever the house exhaust fan system is not operating at full capacity. Horizontal airflow fans should be installed between 6' and 10' high, but no less than 1' from the roof. Fans should be placed above the top of the crops or livestock to be cooled. Use the figures to the left to determine the best fan layout for any type of building.



Typical Fan Placement – Individual House



Typical Fan Placement – Multi-Gutter House

Model	BESS Test #	Diameter		Motor HP	Voltage	RPM	CCFM
		Blade	Guard				
BK12C15	C02523	12	14 1/2	1/10	115	1550	1600
BK18B11	C05251	18	22 3/4	1/15	115	1075	2310
BK18G11	C05249	18	22 3/4	1/4	115	1125	3130
BK20B11	C05250	20	22 3/4	1/15	115	1075	2960
BK20G11	C05248	20	22 3/4	1/4	115	1125	3880

Performance ratings are based on tests to ANSI/AMCA Standard 230-99. Dimensions are in inches.

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 must 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.



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, f.o.b. 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 the 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 reinstallation cost or for any special, indirect or consequential damages of any nature is assumed or shall be imposed upon American Coolair.

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 ITSELF. **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