

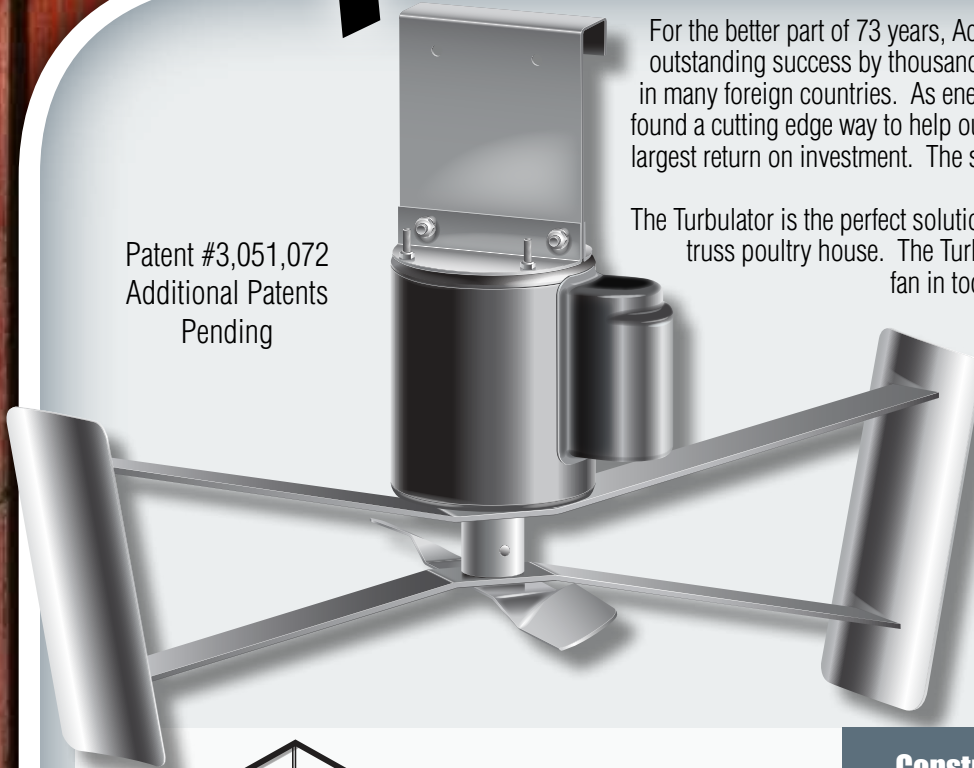


introducing the **Turbulator**™

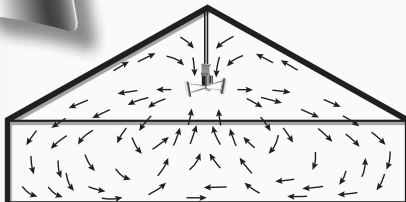
For the better part of 73 years, Acme ventilation products have been used with outstanding success by thousands of poultry growers across the United States and in many foreign countries. As energy costs continue to increase, Acme engineers found a cutting edge way to help our customers conserve energy and obtain the largest return on investment. The solution... The Turbulator.

The Turbulator is the perfect solution for destratification of heated air in an open truss poultry house. The Turbulator stir fan design is so unique that no other fan in today's market performs in the same way.

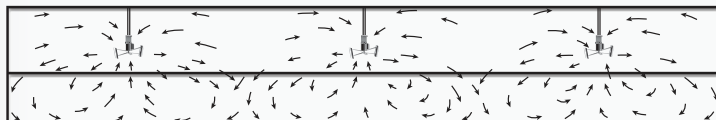
Patent #3,051,072
Additional Patents
Pending



The Turbulator moves large quantities of air, at low velocities, in a flat cone-shaped pattern that follows the slope of the house roof downward. This provides a uniform airflow over a large area with the least amount of air blasts or dead spots, resulting in a very even heat distribution from the floor to the ridge. Cold or hot spots are virtually eliminated. The existing heating system becomes more efficient and fuel costs are reduced during the cold winter months.



Tunnel View



Cross Tunnel View

The Turbulator produces gentle, sweeping air movements over the floor surface. The unique design of the Turbulator allows for a 360 degree cast of air that creates a vortex of return air as it approaches the propeller. This action creates the uniform heat distribution from wall to wall that results in an even bird distribution and a drier litter throughout the poultry house.

Construction features:

- Ease of installation
- Welded steel construction
- High efficiency 4 blade impeller
- Impeller safety locked to shaft
- Continuous duty, totally-enclosed motor

Key advantages:

- 360 degree air flow
- No direct air blasts to disrupt animals
- Moves large volumes of air at low velocities
- Even heat distribution from floor to ceiling
- Reduces heating fuel demand
- Gentle sweeping air movement at bird level
- Drier litter throughout the house
- Even bird distribution throughout the house

The Turbulator is designed to be installed in open truss buildings and is not recommended for use in drop ceiling buildings or applications that would allow for contact by people, objects, or animals. Suggested installation height is 12-16 feet from the bottom of impeller to the closest working surface (floor, bench, etc).

An optional guard kit is recommended when the impeller is installed less than 12 feet from the closest working surface. By OSHA requirements, the lowest point of the unit must be at least 8 feet from any working surface, even with the optional guard in place.



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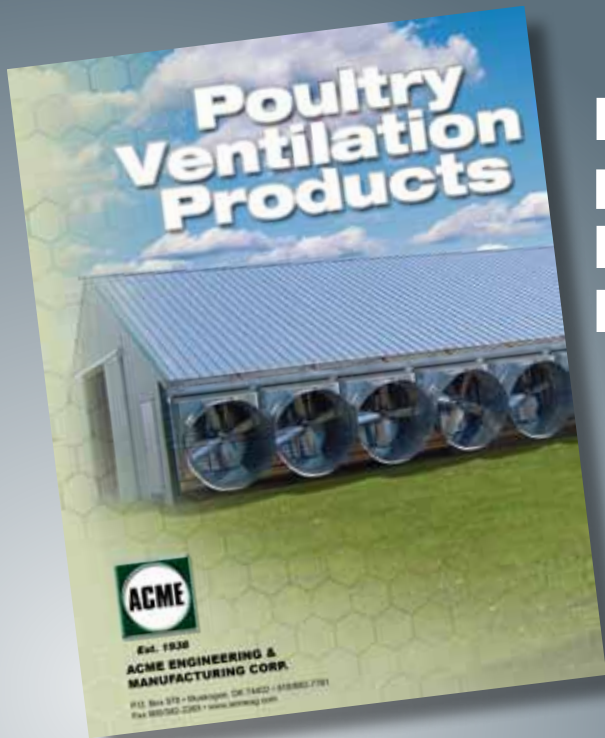
Turbulator™

Model T20D (Direct Drive)

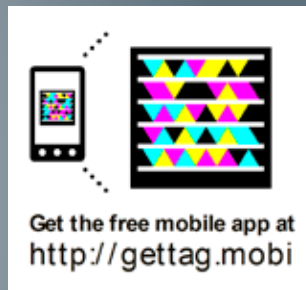
- Moves 13,500 CFM and covers up to 2500 sq. ft of area
- 1/3 HP totally-enclosed motor with permanently lubricated ball bearings
- Easy to install, all Turbulators are furnished with hanging brackets
- High efficiency 4 blade impeller

Model T24D (Direct Drive)

- Moves 15,500 CFM and covers up to 3000 sq. ft of area
- 1/2 HP totally-enclosed motor with permanently lubricated ball bearings
- Easy to install, all Turbulators are furnished with hanging brackets
- High efficiency 4 blade impeller



For additional poultry products request our new Poultry Ventilation Products Brochure PM233A



Video of Turbulator in Action

WARNING DO NOT use in HAZARDOUS ENVIRONMENTS where fan's electrical system could provide ignition to combustible or flammable materials unless unit is specifically built for hazardous environments. Comply with all local and national safety codes including the National Electrical Code (NEC) and National Fire Protection Act (NFPA). Guards must be installed when fan is within reach of personnel or within eight (8) feet (2.5 m) of working level or when deemed advisable for safety.

DISCLAIMER The Company has made a diligent effort to illustrate and describe the products in this literature accurately; however, such illustrations and descriptions are for the sole purpose of identification, and do not express or imply a warranty that the products are merchantable, or fit for a particular purpose.

INDEMNITY Purchaser acknowledges various warnings by the Company regarding the products and its installation and use. If the Company incurs any claims, lawsuits, settlements, or expenses (including attorney fees) for any loss, injury, death or property damage including, but not limited to, claims arising out of the Purchaser's or any end user's installation or use of the products, the Purchaser shall indemnify and hold the Company harmless.

The products shown on this brochure are covered by a limited warranty. For a complete copy of the warranty statement, see form MS149 available at www.acmefan.com or write to Acme Engineering & Manufacturing Corporation, P.O. Box 978, Muskogee, OK 74402.