



# Acme Engineering & Manufacturing Corporation

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## BREEZEMASTER Model DSF48-4

Acme's BreezeMaster Model DSF Stir Fan provides a healthier, more comfortable environment for dairy cattle, which can lead to improved productivity and profitability. The DSF is fan designed to perform in agricultural environments and constructed of galvanized steel for longevity.

The DSF fan is easy to install and is shown with the optional straight pipe bracket for mounting to a variety of pole sizes. The DSF fan was designed for those agricultural professionals who demand the best in quality, efficiency, reliability, and performance at a competitive price. For dairy, poultry, swine and other confinement applications, Acme's DSF provides the finest quality product for your investment.

**MADE IN THE U.S.A. by the company who has been selling agricultural ventilation for over 70 years.**

- Energy efficient four bladed propeller.
- Wide cambered galvanized prop provides maximum airflow and high CFM/WATT for low energy costs.
- Streamlined orifice insures higher air flow capacity.
- Designed as a hanging stir fan application.
- Galvanized steel finish for durability in an agricultural environment.

### BRACKET OPTIONS

Optional straight pipe bracket designed to fit the following round pole sizes.

- 3.5" OD Pole
- 4.5" OD Pole
- 5.5" OD Pole

### BEARINGS

- Prelubricated oversize ball bearings are double sealed, require no service.
- Improved, more efficient drive assembly and super-duty neoprene belts provide longer service life.
- 5 year warranty on shaft and bearing assembly.

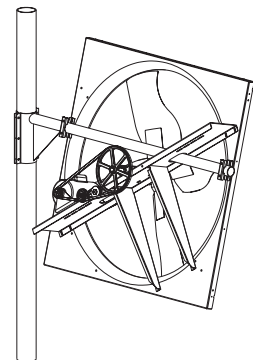
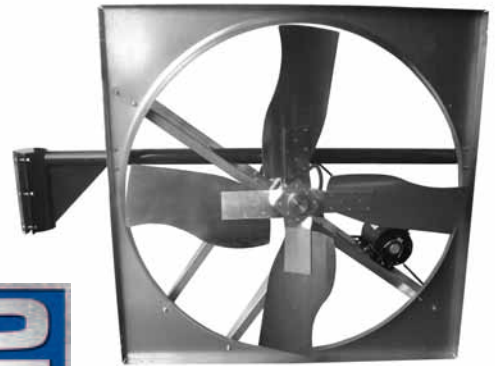


### ENERGY EFFICIENT ENCLOSED MOTORS

- Heavy-duty totally-enclosed motors with shielded ball bearings are designed for continuous work load.
- Built-in thermal overload for low-line voltage protection on most single phase and 3 phase motors.

### MOTOR NOTES

- All single speed single phase motors are dual voltage (115/230).
- All three phase motors are triple voltage (200-230/460).



### PERFORMANCE DATA

Fan Model	Bess Test	HP	PH	Prop Diameter (in.)	Thrust (lbf)	RPM	kW	Thrust Efficiency
DSF48-4J	C10009	1	3	48	21.64	455	0.869	24.9
DSF48-4J	C10008	1	1	48	22.06	470	0.973	22.7

Performance shown is based on Bess Lab Testing, University of Illinois.

**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.