

# **Instructions for INSTALLATION & SERVICE**

## **PMC (Power Miser) Series Exhaust Fans**

**FACTORY TESTED:** Qualified people have assembled, tested, and packaged this ventilation component. The motor has been bench tested prior to the component being placed in the shipping carton.

**PACKAGING & SHIPMENT:** Specially made cardboard boxes to correctly fit the right fan size is used to assure you of receiving the ventilation equipment in first class condition. The 12” PMC fan will arrive in one box complete, the 16”, 20”, and 24” PMC fan will be in its own box and the cone will be in a separate box. The 36” and 48” PMC will not be boxed. When there is a quantity of fans received, the cones will be combined along with the guard screens stacked in a box. Please inspect the carton for any evidence of damage in transit. Claims are to be filed by you against the carrier if you find any damage. (The freight company allows 7 days to file a claim for concealed damage.)

**INSTALLATION:** Please refer to the reverse side - drawing number IS10002.

**WIRING DIAGRAM:** Be sure power is “OFF” before doing any wiring. All wiring will be installed in accordance with national, state, and local electrical codes. Fans used to ventilate livestock buildings or other rooms where continuous air movement is essential should be connected to individual electrical circuits. For electrical connection requirements, refer to diagram on the motor nameplate or the enclosed wiring diagram. Motors are pre-wired for 230 volt. Circuit overload protection should be provided for bank of each fans. A circuit breaker switch or slow blow motor type fuse must be used.

**NOTE:** A safety cut-off switch should be located adjacent to fan.

**PROPER SHUTTER INSTALLATION:** When installing the PVC shutter, please make sure the shutter vanes open upwards.

***OPTIONAL ITEM:***

**WINTER DOOR INSTALLATION:** When sealing up the fans that will not be used in the winter, please place the shutter right into the winter door. The clips that hold the shutter in place are long enough to hold the winter door in place as well.