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**CONTROLS  
PP-32**

## **KOOLMASTER® PP-32**

**32 OUTPUTS**

**8 HEATING STAGES**

**16 COOLING STAGES**

**ENVIRONMENTAL MANAGEMENT SYSTEM**



### **APPLICATIONS**

- STAGED ENVIRONMENTAL CONTROL
- TEMPERATURE AND LIGHT CONTROL
- STATIC PRESSURE OR TIMED TUNNEL INLET

### **BENEFITS**

- RUGGED LONG LIFE
- EASY TO SET UP
- EASY TO RUN
- EASY TO INSTALL

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## **FEATURES**

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- LCD DISPLAY
- 32 POWER OUTPUTS - 2HP EACH
- TEMPERATURE AND VENTILATION BY FLOCK DAY
- UP TO 60 DAYS OF HISTORY
- WATER MONITORING
- ALARM MANAGEMENT
- HUMIDITY COMPENSATION
- UP TO 8 TEMPERATURE SENSORS
- STATIC PRESSURE INLET CONTROL FOR BOTH INLETS AND TUNNEL CURTAIN
- PC COMPUTER CONTROL
- POWER UP SEQUENCING
- EASY PROGRAM SHARING

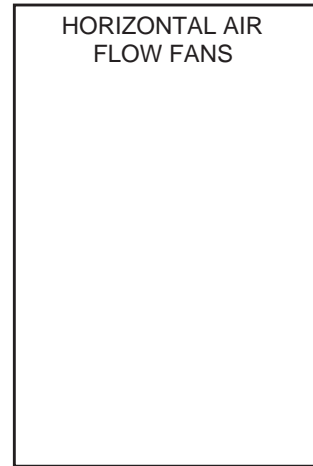
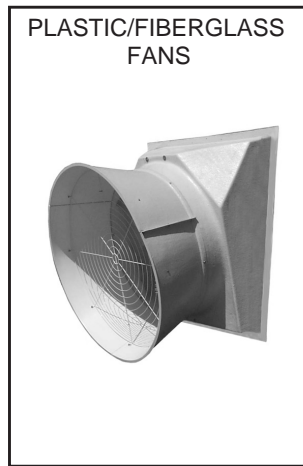
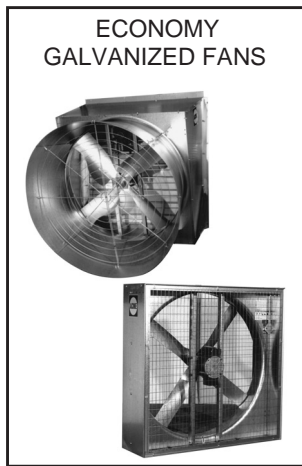
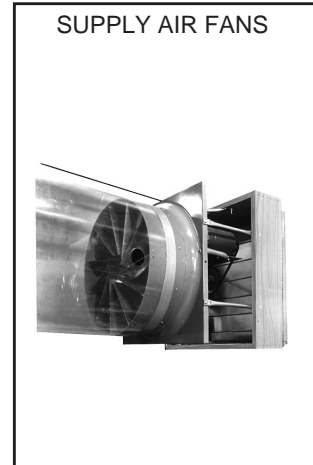
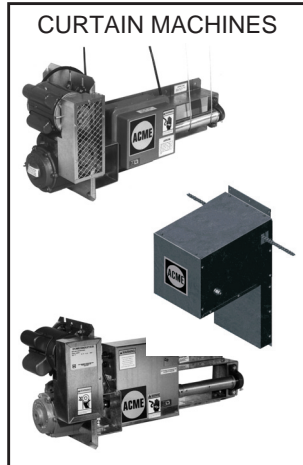
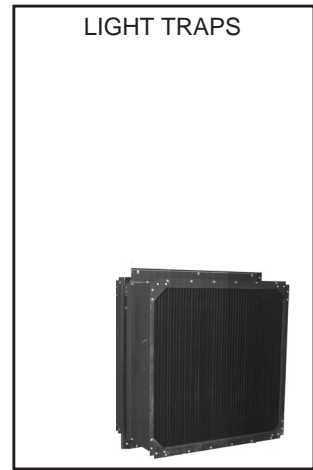
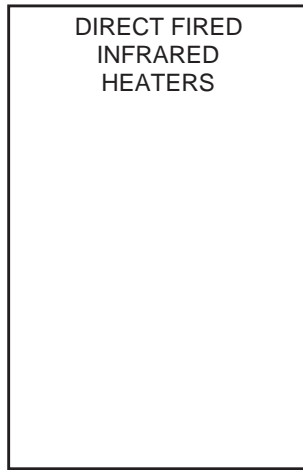
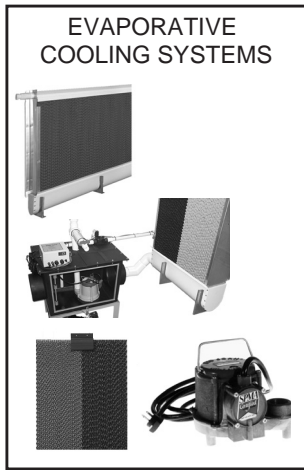
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## **DESCRIPTION**

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The PP-32 is an electronic device used for environmental control in livestock buildings. It allows the user to maintain a specified target temperature by controlling the operation of ventilation and heating equipment. Eight heater stages, 16 fan stages, a tunnel curtain, two auxiliary outputs, vent doors and four clock outputs can be controlled. Cooling stages can be configured to activate systems in continuous or timer mode. Static pressure controls the inlet vents and if desired the tunnel inlet. Once programmed the entire setup may be easily transferred to other houses.

The PP-32 provides up to 32 relay outputs, and can use up to 8 inside temperature sensors, one outside temperature sensor, static pressure sensor, and a humidity sensor. All parameters are accessible by a PC located at the site or via a modem. A backup system is available where the thermostat settings cannot interfere with the computer settings. If the computer power should fail, the backup system steps in and controls the house with up to six mechanical thermostat stages.



**LIMITED WARRANTY** Acme Engineering and Manufacturing Corporation extends this limited warranty to the original buyer and warrants that products described herein shall be free from original defects in workmanship and materials for two years from date of shipment (except for Acme's exclusive duplex split pillow block bearings and shaft 5 years from shipment, belts one year from shipment, polyethylene tubing at 90 days from shipping, AIR40 Heater warranty one year from date of shipment, AIR40 Emitter warranty three years from date of shipment and DDP fan lifetime warranty on its propeller, cone, and housing), provided same have been properly handled, stored, installed, serviced, maintained and operated. Refer to Form MS149 for complete limited warranty terms and conditions. This form is available to anyone at [www.acmefan.com](http://www.acmefan.com). In order to prevent bodily

injury, death, or destruction of livestock and property, all product safety data must be followed.

**WARNING** Acme products are designed and manufactured to provide reliable performance but they are not guaranteed to be 100% free of defects. Even reliable products will experience occasional failures and this possibility should be recognized by the User. If these products are used in a life support ventilation system where failure could result in loss or injury, the User should provide adequate back-up ventilation, supplementary natural ventilation or failure alarm system, or acknowledge willingness to accept the risk of such loss or injury.

**WARNING** DO NOT use in HAZARDOUS ENVIRONMENTS where fan's electrical system could provide ignition to combustible or flamma-

ble 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).

**CAUTION** Guards must be installed when fan is within reach of personnel or within seven (7) feet (2.134 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, or that the products will necessarily conform to the illustrations or descriptions or dimension.



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