



**ACME ENGINEERING &  
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**CONTROLS  
BU-6**

## **KOOLMASTER® Model BU - 6**

### **REAL-TEMP BACK UP SYSTEM**



Acme's BU - 6 provides back up capability for up to 12 circuits. This system is controlled by single or multiple stage mechanical thermostats.

#### **APPLICATIONS**

- OPERATES ENVIRONMENTAL SYSTEMS WHEN COMPUTER FAILS
- DOES NOT INTERFERE WITH COMPUTER SETTINGS

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### **FEATURES**

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- 6 POWER RELAYS
- 12 TWO HP CONTACTS
- MANUAL OR AUTOMATIC OPERATION
- FIBERGLASS ENCLOSURE
- 120/240 VAC 60 HZ OPERATION
- SAFE 24 VAC THERMOSTAT OPERATION

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### **DESCRIPTION**

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The BU – 6 system allows for automatic backup of the computer system. The Real-Temp backup lets the computer operate independent from the backup thermostats. Backup thermostats are automatically energized whenever the controller losses power. Power for the backup system utilizes its own isolated 24

VAC transformer. Since this transformer is not connected until the failure occurs, it is not easily damaged by surges. Power for the backup system is taken from the minimum ventilation 240 VAC power line and is independent of the controller AC supply. This unit is supplied in a gasketed fiberglass enclosure.

**EVAPORATIVE COOLING SYSTEMS**



**AIR INLETS**



**DIRECT FIRED INFRARED HEATERS**



**LIGHT TRAPS**



**CONTROLS**



**PROPELLER WALL FANS**



**CURTAIN MACHINES**



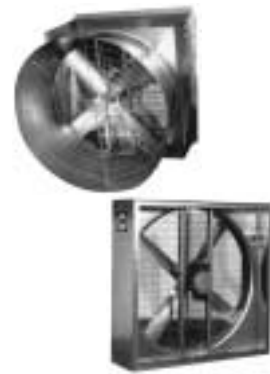
**SUPPLY AIR FANS**



**SHUTTERS**



**ECONOMY GALVANIZED FANS**



**PLASTIC/FIBERGLASS FANS**



**HORIZONTAL AIR FLOW FANS**



**LIMITED WARRANTY** Acme Engineering and Manufacturing Corporation extends this limited warranty to the original buyer and warrants that products supplied by the Company 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, and polyethylene tubing at 90 days from shipping), provided same have been properly handled, stored, installed, serviced, maintained and operated. Refer to Form MS149 for complete limited warranty terms and conditions.

**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 sys-

tem could provide ignition to combustible or flammable materials unless unit is specifically built for hazardous environments.

**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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