



CENTURION STORAGE CONTROL



- Fast and flexible; easy operation with LCD touchscreen
- Precisely controls storage temperature to within 0.1°F
- Remote monitoring and control and ethernet connectivity
- Emergency alerts via telephone

CENTURION STORAGE CONTROL

Our stand-alone control unit easily and precisely manages storage climates by controlling fans, VFDs, evaporative coolers, humidification, heaters, refrigeration equipment, and Thermadoors®. Even in the most unfavorable external conditions, the Centurion can maintain temperatures within 0.1°F.

FEATURES AND BENEFITS

- **SIMPLE TO USE**
With the LCD color touchscreen, users can easily view current status of equipment operation and monitor and adjust system parameters. Menus make navigation from screen to screen quick and simple.
- **FLEXIBLE**
On-site history reports can log up to 37 different data points, with adjustable increments. Trend temperature graphs and an event/failure log add to the Centurion's extensive record keeping.
- **PROTECTION**
Your crop is protected from power disturbances by temperature alarms and equipment safeties. Isolation relays guard against spikes and surges reaching the computer board. An auxiliary, low-limit device adds protection against product freezing.
- **CONVENIENT**
Centurion Remote Access Software allows you to monitor and control your system remotely, as if you were at the site. Supports Direct Connect, Dial-up, Wireless and Ethernet with web browser access via the Internet.
- **PROGRAM MONITORING & CONTROL FEATURES:**
 - Monitor and control relative humidity and the CO₂ to the desired levels
 - Six types of timed runs
 - Two-stage humidity control
 - Cooling and heating target setpoints
 - Timed setpoint CO₂ control
 - Two types of dehumidification controls
 - Modulating and three-stage burner with curing economizer control
 - Timed chemical-injection control
 - Forced, timed purges
 - Auto-failure callout
 - PC-logic door control
 - Humidicell efficiency calibration
 - Refer economizer
 - VFD automatic control
 - Illuminated auto/manual override switches
- **REMOTE CONTROL APP**
Along with our software and internet access for remote monitoring and control, we offer an app for your iPhone, iPad and Android. Control your storage from wherever you are.

GENERAL SPECIFICATIONS

Computer Panel Power:	120 VAC 50/60 HZ
Max Load Current:	7.5 AMPS
Secondary Circuit:	4 AMPS @ 24 VAC; 1.5 AMPS @ 12 VDC
Overload Protection:	Circuit Breakers; 120 VAC 7.5 AMP, MOV 24 VAC 4 AMP Fuse, MOV
Battery Backup:	Non-rechargeable lithium battery, 10 years accumulated power-failure backup of SRAM memory and real-time clock
Display:	8 Line x 40 Character, Graphics LCD
Approvals:	ETL, (UL 508), UL 916, CSA



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