

Menu Guide

Software and Security	Current Conditions	Control Equipment Status	Current Animal Information	History	Temp Control Settings	Vent and Purge	Static Pressure	Sound Alarm When...	*	Test Control Hardware	Alarm History / Error Detail
Software Revision Number Revision Date/Time Control Center Serial Number Enter Password / Security Level Edit Password / Security Level Watch Dog Address Display Table Compile Options Copyright Information	Avg Actual Temp Avg Actual / Effective Temp Sensor Temps 1-4 Sensor Temps 5-8 Sensor Temps 9-12 Outside Temp Avg Air Speed 1-4 Avg Air Speed 5-8 Avg Air Speed 9-12 Relative Humidity 13 Avg Static Pressure Ventilation Mode Animal Stress Index	Brooder Groups Heater Groups Furnace Groups Stir Fan Groups Sidewall Fan Groups Tunnel Fan Groups Pit Fan Groups Ridge Fan Groups Vari-Stir Fan Groups Vari-Side Fan Groups Vari-Tunnel Fan Groups Vari-Pit Fan Groups Vari-Ridge Fan Groups Cool Pad Low Groups Cool Pad High Groups In House Fog Groups Mister Groups Side Curtain Groups Sidewall Inlet Groups Tunnel Inlet Groups Ceiling Inlet Groups Ridge Vent Groups Chimney Damper Feeder Groups 24 Hr Feeder Run Time Feeder Run Time Light Groups Digital Alarm Groups 24 Hr Water Used Total Gallons Used	Today's Age / Weight Finish Age / Weight Beginning Head Count Total Mortality Head Count Total Sold Head Count	Temperature Control House Control Mode Setpoint Temperature Avg Temperature Zone Avg Temp High/Low Temps (Actual) Avg Air Speed Avg Outside Temp Avg Humidity Static Pressure Setpoint High/Low Static Pressure Purge Cycles (Humidity/Timed) Stress Index Brooder Grp ON Time Furnace Grp ON Time Heater Grp ON Time Stir Fan Grp ON Time Sidewall Fan Grp ON Time Tunnel Fan Grp ON Time Pit Fan Grp ON Time Ridge Fan Grp ON Time Vari-Stir Fan Grp ON Time Vari-Side Fan Grp ON Time Vari-Tunnel Fan Grp ON Time Vari-Pit Fan Grp ON Time Vari-Ridge Fan Grp ON Time Cool Pad Low Grp ON Time Cool Pad High Grp ON Time In House Fog Grp ON Time Mister Grp ON Time Side Curtain Grp Avg Open Sidewall Inlet Grp Avg Open Tunnel Inlet Grp Avg Open Ceiling Inlet Grp Avg Open Ridge Vent Grp Avg Open Chimney Damper Avg Open Feeder Grp ON Time Water Meter Amount Used System Restart Incidents	Temp Setpoint, Ramping ON/OFF Temp Control House Control Mode Ridge to Curtains Interlock Heater to Curtains Interlock Enter Tunnel Temperature Exit Tunnel Temperature Remain in Tunnel Time Enable Tunnel Entry. Outside Temp Today's Age Ramp Point / Age / Temp Temperature Ramp Offset Floor Type Close Curtains Below Outside Temp	Minimum Vent and Purge Settings Minimum Vent Timer On/Off Min Vent #Y Age/On/Off (Y = 1 - 9) Humidity Purge Setpoint Humidity Purge On/Delay Purge Inhibit Low/High Temp OR Building Purge Setting Purge Time On/Delay Humidity Purge Setpoint Humidity Purge On/Delay Purge Inhibit Low/High Temp	Natural Setpoint / Close / Open Tunnel Setpoint / Close / Open Ramp #Y Temp / Static Pressure (Y = 1 - 5)	Fixed High Temp Exceeds Temp Above / Below Feeder ON Time Exceeds Feeder OFF Time Exceeds Water Flow Exceeds Water Drop Static Pressure Stays Above X.XXX for X:XX High Pressure Alarm Open All Inlets Static Pressure Stays Below X.XXX for X:XX Fan ON Stat Press Below X.XXX for X:XX Humidity Sensor #Y Reading is Invalid (Y = 1 - 3)	* SEE OPPOSITE SIDE FOR DEVICE / EQUIPMENT SETTINGS.	Press Menu Down to Enter Test Menu Test Alarm Relay Test Outputs Test Inputs Test Output Status Test Digital Input	Alarm History (Date/Time) Error Detail (Date/Time)

Note: Some menu items will not be visible if devices/equipment have not been installed.

Legend

- Bird Only
- Hog Only
- Multi-Zone Controllers Only
- EET Capable Controllers Only
- 12-Channel Controllers Only

CONTROL EQUIPMENT STATUS CH 07
Tunnel Fan Group #1: OFF

Press the LEFT and RIGHT arrow keys to navigate horizontally through the menus. Press the UP and DOWN arrow keys to navigate through the submenus within a particular category.

SENSOR CALIBRATION & SETTING
Air Sensor #01 Cable Length: 25'

Press the PLUS or MINUS keys to move from Air Sensor #01 to a different air sensor such as Air Sensor #13.

SIDEWALL FAN GROUP #1 SETTING CH 09
ON Timer: 0:30:00 OFF Timer: 0:20:00

When editing a timer setting, press the LEFT or RIGHT arrow keys to move between hours, minutes and seconds. Press the PLUS or MINUS keys to increase or decrease the value. You can hold down the PLUS or MINUS keys to rapidly increase or decrease a value.

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Device / Equipment Settings

A. System-wide Parameters

1. Press Enter at the **Press Enter to View Settings** menu. Press the Left arrow key until you see the **System & Control Device Set-Up** menu.
2. Use the menu down arrow (**▼**) to view the following selections:
 - Time Set-Up
 - Date Set-Up
 - Power Up Load Delay Time
 - Press Enter to List Control Devices
 - Press Enter to Add a Control Device
 - Press Enter to Change a Control Device
 - Press Enter to Delete a Control Device
 - ▣** Press Enter to Add a New Zone
 - ▣** Press Enter to Delete a Zone
3. To add your first device, press Enter when you see the **Press Enter to Add a Control Device** selection. Then, continue to step #4.

NOTE: A Global Parameters menu appears within the DEVICE/EQUIPMENT SETTINGS menu if you delete all of the installed devices. Global Parameters allows for basic configuration such as Hogs or Birds, English or Metric measurement, Fahrenheit or Celsius temperature, and English or Spanish language.

4. The following is the list of devices as they display: use the (+) or (-) key to navigate from one device to the next.

Feeder	Furnace
Lights	B Brooder
Vari-Ridge Fan	H Heater
H Vari-Pit Fan	Chimney Damper
Vari-Tunnel Fan	Ceiling Inlet
Vari-Side Fan	Tunnel Inlet
Vari-Stir Fan	Sidewall Inlet
Ridge Fan	Ridge Vent
H Pit Fan	Side Curtain
Tunnel Fan	Position Sensor
Sidewall Fan	Digital Alarm
Stir Fan	Water Meter Sensor
B In House Fog	Humidity Sensor
H Mister	Static Pressure Sensor
Cool Pad High	Feed Sensor
Cool Pad Low	Outside Air Sensor
	Air Sensor

5. Once you have located and selected the device to add, use the left or right menu arrows (**<** **>**) to move the cursor (**_**) to the desired setting (channel, etc.). To change the default number, use the (+) or (-) keys.
6. Press Enter to accept the settings and then press Enter again to confirm the settings.

The controller returns you to the **Add a Control Device** selection (Step # 4) to select another control device.

When you are done adding devices, proceed to part B—Device Parameters.

Notes: The number of devices that can be installed varies depending on the controller model you have. Pressing the Cancel key allows you to back out of a selection if no changes are desired or if you enter a selection unintentionally.

B. Device Parameters

1. When your input and output devices have been entered, use the left or right menu arrows (**<** **>**) to locate the devices just installed so that you can enter your detailed parameter settings.
2. Listed below are the possible device names.
Note: If you do not install a device, the menu heading will not be displayed.
3. Once you have located the desired menu, use the up and down menu arrows (**▲** **▼**) to locate device parameters.

Use the left or right menu arrows (**<** **>**) to navigate between devices. Note: Pressing BOTH the left and right menu arrows (**<** **>**) will toggle between English and Spanish language. Once you have located the desired menu, use the up and down menu arrows (**▲** **▼**) to locate device parameters.

Feeder and Lights	Stir, Sidewall, Tunnel, Pit and Ridge Fans	Variable Speed Stir, Sidewall, Tunnel, Pit and Ridge Fans	Brooder, Heater and Furnace	Cool Pad Low / High, In House Fog and Mister	Side Curtain	Sidewall, Tunnel and Ceiling Inlets	Ridge Vent	Chimney Damper	Digital Alarm	Position Sensor	Sensor Calibration and Setting
Setting #X ON at 0:00, OFF at 0:00 (0:00-24:00) (X = 1 - 8)	Use Sensors Operating Mode ON Temp / OFF Temp Run Mode ON Timer / OFF Timer Run While ENTRY/EXIT of Tunnel Mode? Use for Proportional Control? Fans OFF at Curtain Opening Fan OVERRIDE Curtain Open	Use Sensors Operating Mode ON Temp / OFF Temp Fan ON Power Setting Power Ramp Start Temp FULL Power Temp FULL Power Setting Run Mode ON Timer / OFF Timer Timed Power Setting Purge Mode Power Setting Run While ENTRY/EXIT of Tunnel Mode? Use for Proportional Control? Fans OFF at Curtain Opening Fan OVERRIDE Curtain Open	Use Sensors ON Temp / OFF Temp Interlock Curtain Grps	Use Sensors Time of Day to Enable / Disable Humidity Disable / ReEnable Temp-Humidity Disable / ReEnable FULL ON Temp / OFF Temp Cycle #X ON Temp Cycle #X ON Timer / OFF Timer Minimum ON Temp Min Temps (X=1 - 4)	Use Sensors Static Pressure Pause Timer Open Temp / Close Temp Open This Distance & Pause Close This Distance & Pause Maximum Opening / Below Temp Operate As Tunnel Fans ON X, Open Size Tunnel Interlock Y to Fan Response Mode Full Opening Size Full Open Travel Time Full Close Travel Time Purge Opening Size Pre-Open Timer (X=0 - 8) and (Y=1 - 8)	Static Pressure Pause Timer Operate As Cool Fans ON X, Open Size Natural Interlock Y to Fan Tunnel Fans ON X, Open Size Tunnel Interlock Y to Fan Full Opening Size Full Open Travel Time Full Close Travel Time Purge Opening Size Pre-Open Timer (X=0 - 8) and (Y=1 - 8)	Use Sensors Open Temp / Close Temp Open This Distance & PAUSE Close This Distance & PAUSE Response Mode Full Opening Size Full Open Travel Time Full Close Travel Time Purge Opening Size Interlock Curtain Groups	Cool Fans ON X, Open Size Interlock Y to Fan Full Opening Size Full Open Travel Time Full Close Travel Time (X=0 - 8) and (Y=1 - 8)	Trigger Alarm on Active Input? Input is Active When Alarm Delay Time	Attached To Calibrate Enable Position Alarm? Percent OUT of Position to Alarm ----- Note: These steps appear when calibrating: 1) Check Pot Open / Resistance 2) Check Pot Close / Resistance 3) Go To Close / Resistance 4) Measure Full Open / Resistance 5) Measure Full Close / Resistance	Air Sensor Cable Length Air Sensor Wire Gauge/Diameter Air Sensor Location Air Sensor CAL Values Use for Wind Speed Humidity CAL 1 Value Humidity CAL 2 Value Static Pressure ADC Cal 1 Static Pressure ADC Cal 2 Static Pressure WC Cal 1 Static Pressure WC Cal 2 Feed Minimum / Actual Feed CAL Value Water CAL Value