APPENDIX 6 - (MAIN) Menu Guide

CONTROLLER	CURRENT ENVIRONMENT CONDITIONS	CONTROL EQUIPMENT STATUS	CURRENT ANIMAL INFORMATION
Sof ware Revision Number	Avg Actual Temp	**B** Brooder Groups	Today's Age / Weight
Revision Date/Time	**E** Avg Actual-*-Ef ect ve Temp	**H** Heater Groups	Finish Age / Weight
Control Center Serial Number	Sensor Temps 1-4	Furnace Groups	Beginning Head Count
Enter Password / Security Level	Sensor Temps 5-8	St r Fan Groups	Total Mortality Head Count
Edit Password / Security Level Table	Sensor Temps 9-12	Sidewall Fan Groups	Total Sold Head Count
Compile Opt ons	Outside Temp	Tunnel Fan Groups	
Copyright Informat on	**E** Avg Air speed 1-4	**H** Pit Fan Groups	
	E Avg Air speed 5-8	Ridge Fan Groups	
	E Avg Air speed 9-12	Vari-St r Fan Groups	
	Relat ve Humidity 1-3 Avg	Vari-Side Fan Groups	
	Stat c Pressure	Vari-Tunnel fan GroupS	
	Vent lat on Mode	**H** Vari-Pit Fan Groups	
	H Animal Stress Index (needs Age and Weight above zero)	Vari-Ridge Fan Groups	
		Cool Pad Low Groups	
		Cool Pad High Groups	
		B In House Fog Groups	
		H Mister Groups	
		Side Curtain Groups	
		Sidewall Inlet Groups	
		Tunnel Inlet Groups	
		Ceiling Inlet Groups	
		Ridge Vent Groups	
		Chimney Damper Groups	
		Feeder Groups	
		24 Hr Feeder Run Time	
		Feeder Total Run Time	
		Light Groups	
		Digital Alarm Groups	
		Whisker Switch Groups	
		24 Hr Water Used	
		Total Gallons Used	

Legend

B - Bird Only

H - Hog Only

E – EET Capable Controllers Only

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

HISTORY	TEMPERATURE CONTROL SETTING	MINIMUM VENT and PURGE SETTINGS	STATIC PRESSURE
Temperature Control	Temp Setpoint, Ramping ON/OFF	Minimum Vent Timer On/Of	Natural Setpoint / Close / Open
B House Control Mode	Temp Control	Min Vent #X Age/On/Of	Tunnel Setpoint / Close / Open
Setpoint Temperature	**B** House Control Mode	(X equals 1 to 9)	Ramp #X Temp / Stat c Pres-sure
Avg Temperature	Ridge to Curtains Interlock	Humidity Purge Setpoint	(X equals 1 to 5)
Zone Avg Temp	Heater to Curtains Interlock	Humidity Purge On/Delay	
High/Low Temps (actual)	Enter Tunnel Temperature	Purge Inhibit Low/High Temp	
Low @ / High @	Exit Tunnel Temperature	Before purge raise	
E Avg Air Speed	Remain in Tunnel Time	Temperature to	
Avg Outside Temp	Enable Tunnel Entry. Outside Temp	Time to Abort Heat before Purge	
Avg Humidity	Today's Age	————OR————	
Stat c Pressure Setpoint	Ramp Point / Age / Temp	**Building Purge Set ng**	
High/Low Stat c Pressure	Temperature Ramp Of set	Purge Time On/Delay	
Purge Cycles (Humidity/ Timed)	**H** Floor Type	Humidity Purge Setpoint	
Mortality changed this hour by:	Close Curtains Below Outside Temp	Humidity Purge On/Delay	
H Stress Index		Purge Inhibit Low/High Temp	
B Brooder Grp ON Time		Before purge raise	
Furnace Grp ON Time		Temperature to	
H Heater Grp ON Time		Time to Abort Heat before Purge	
St r Fan Grp ON Time			
Sidewall Fan Grp ON Time			
Tunnel Fan Grp ON Time			
H Pit Fan Grp ON Time			
Ridge Fan Grp ON Time			
Vari-St r Fan Grp ON Time			
Vari-Side Fan Grp ON Time			
Vari-Tunnel Fan Grp ON Time			
H Vari-Pit Fan Grp ON Time			
Vari-Ridge Fan Grp ON Time			
Cool Pad Low Grp ON Time			
Cool Pad High Grp ON Time			
B In House Fog Grp ON Time			
H Mister Grp ON Time			
Side Curtain Grp Avg Open			
Side Curtain Grp Actual			
Sidewall Inlet Grp Avg Open			
Sidewall Inlet Grp Actual			
Tunnel Inlet Grp Avg Open			
Tunnel Inlet Grp Actual			
Ceiling Inlet Grp Avg Open			
Ceiling Inlet Grp Actual			
Ridge Vent Grp Avg Open			
Ridge Vent Grp Actual			
Chimney Damper Avg Open			
Chimney Damper Grp Actual			
Feeder Grp ON Time			
Water Meter Amount used			
System Restart Incidents			

SOUND ALARM WHEN....	DEVICE/EQUIPMENT SETTINGS	TEST CONTROL CENTER HARDWARE	SUMMARY
Fixed High Temp Exceeds	Feeder	Test Alarm Relay	Low / High
Temperature Above	Lights	Test Outputs	24 Hr. Feeder Run
Feeder ON Time Exceeds	Vari-Ridge Fan	Test Inputs	Side Curtain Avg Open
Feeder OFF Time Exceeds	**H** Vari-Pit Fan	Test Output Status	Side Curtain Actual
Stat Press Stays Above	Vari-Tunnel Fan	Test Digital Input	Ridge Vent Avg Open
High Pressure Alarm Open ALL inlets	Vari-Side Fan	Test KeyBoard Keys	Ridge Vent Actual
Stat Press Stays Below	Vari-St r Fan		Chimney Damper Avg Open
Fan ON Stat Press Below	Ridge Fan		Chimney Damper Actual
Hightest/Lowest Air Probes dif er by	**H** Pit Fan		
	Tunnel Fan		
	Sidewall Fan		
	St r Fan		
	B In House Fog		
	H Mister		
	Cool Pad High		
	Cool Pad Low		
	H Heater		
	Furnace		
	B Brooder		
	Chimney Damper		
	Ceiling Inlet		
	Tunnel Inlet		
	Sidewall Inlet		
	Ridge Vent		
	Side Curtain		
	Posit on Sensor		
	Tunnel Inlet		
	Sidewall Inlet		
	Ridge Vent		
	Side Curtain		
	Whisker Switch		
	Digital alarm		
	Water Meter Sensor		
	Humidity Sensor		
	Stat c Pressure Sensor		
	Feed Sensor		
	Outside Air Sensor		
	Air Sensor Shared		
	Air Sensor		

For the devices listed under the DEVICE/EQUIPMENT SETTINGS column, the set ngs are submenus of this main menu. Press **ENTER** to access the submenus. The guide to the submenus are listed on the next (3) three pages.

Feeder and Lights	Str, Sidewall, Tunnel, Pit (Hog) and Ridge Fans	Vari-Str, Vari-Side, Vari-Tunnel, Vari-Pit (hog) and Vari-Ridge	Brooder (bird) Heater (hog) and Furnaces
Setng #X Age= 0 ON= 0:00, OFF= 0:00 { 0:00-24:00} (X = 1 - 30)	Use Sensors Operatng Mode ON Temp / OFF Temp Run Mode ON Timer / OFF Timer Run While ENTRY/EXIT of Tunnel Mode? Use for Proportonal Control? (Not in Str fans) Fans OFF at Curtain Opening (Note 1) Fan OVERRIDE Curtain Open (Note 2) Looking At (x) (Note 2) ---------------------- Note 1: Enabled only if Positon Sensor is installed and Calibrated and Operatng Mode is not Tunnel only and Positon Sensor alarm is on Note 2: Enabled only when Fans Off t Curtain Opening is enabled and is greater than 0.	Use Sensors Operatng Mode ON Temp / OFF Temp Fan ON Power Setng Power Ramping Start Temp Full Power Temp Full Power Setng Run Mode ON Timer / OFF Timer Timed Power Setng Purge Mode Power Setng Run While ENTRY/EXIT of Tunnel Mode? Use for Proportonal Control? (Not in Str fans) Fans OFF at Curtain Opening (Note 1) Fan OVERRIDE Curtain Open (Note 2) Looking At (x) (Note 2) ---------------------- Note 1: Enabled only if Positon Sensor is installed and Calibrated and Operatng Mode is not Tunnel only Note 2: Enabled only when Fans Off t Curtain Opening is enabled and is greater	Use Sensors ON Temp / OFF Temp Interlock Curtain Grps Use During Heat Purge

Cool Pad Low/High, In House Fog (bird), and Mister (hog)	Side Curtain	Sidewall, Tunnel and Ceiling Inlets	Ridge Vent
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 Statc 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 to Fan Response Mode Full Opening Size Full Open Travel Time Full Close Travel Time Purge Opening Size Pre-Open Timer Exercise Delay Days Perform Exercise At (X=0 - 9) and (Y=1 - 9)	Statc Pressure Pause Timer Operate As Cool Fans ON X, Open Size Natural Interlock to Fan Tunnel Fans ON X, Open Size Tunnel Interlock X to Fan Full Opening Size Full Open Travel Time Full Close Travel Time Purge Opening Size Pre-Open Timer (Not Tunnel Inlets) (X=0 - 9)	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

Chimney Damper	Digital Alarm	Whisker Switch	Posit on Sensor
Cool Fans On X, Open Size Interlock X to Ridge Fan Full Opening Size Full Open Travel Time Full Close Travel Time (X=0 - 9)	Trigger alarm on Actve input Input is Actve when Alarm Delay Time	Atached To Validate Switch – Low \ High	Atached To Press Enter to calibrate this sensor Enable Positon Alarm? Percent OUT of Posit on to Alarm ---------------------- Note: These menus appear when calibratng: 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

Sensor Calibraton and Setng

Air Sensor Cable Length
Air Sensor Wire Gauge/Diameter
B Air Sensor Locaton
E Air Sensor Cal Values
E Use for Wind Speed
Humidity CAL 1 Cal 2
Statc Pressure ADC Cal 1
Statc Pressure ADC Cal 2
Statc Pressure WC Cal 1
Statc Pressure WC Cal 2
Feed Minimum / Actual
Feed CAL Value
Water Cal Value