



CONTROLS

Leading in the development of electronic control systems for poultry since 1988.

The Temptron™ 616 Control's functions include:

- Minimum ventilation
- Tunnel ventilation
- Inlet control
- Tunnel curtain control
- Evaporative cooling
- Static pressure control
- Alarm (dry contact)
- Light timer control output
- Dusk-dawn control output (requires optional Speedtronic Control)
- Fan speed control output (requires optional Speedtronic Control)
- Water control timer
- Automatic temperature reduction curve
- Automatic minimum ventilation curve
- Data logging of growing period (with ChickPro™ Software)
 - Water counting
 - Feed counting
 - Temperature
 - Humidity
 - Mortality

You can count on Agro Logic's line of controls for reliable whole house or climate control as well as for system back-up, cooling or curtain operation, and alarm systems.

Temptron™ 616

A Complete Climate Control Solution

- The TEMPTRON™ 616 is an economical whole house control.
- It includes a generous 16 relays, and is easy to use and to operate.
- Compatible with Chick Pro™ Software for remote operation and monitoring (with use of optional communication boxes). Requires one USB AG box per computer and one AG box per controller (not included).



Agro Logic® Temptron 616

Technical Specifications

Input - 6 temperature sensors (2 included), 1 humidity sensor (optional), 1 static pressure sensor (optional) and 8 digital inputs
Output - sixteen 30-amp relays
Memory - set point memory with power failure protection and non-erasable memory
Power - 220 volt AC

DELIVERING EXCELLENCE

AGRO LOGIC

Leading in the development of electronic control systems for poultry since 1988.



Agro Logic® Temptron 607

Temptron™ 607A

An 8-stage climate controller for tunnel ventilated houses

Operates five groups of fans (first group operated by on/off timer for minimum ventilation); one heater; cooling with on/off timer; high/low temperature alarm; real-time clock; automatic temperature reduction curve.

Temptron™ 607B

An 8-stage climate controller for natural ventilated houses

Operates two independent curtains with minimum closing positions; one heater; one fan group; cooling with on/off timer; high/low temperature alarm; real-time clock; automatic temperature reduction curve.

Temptron™ 607C

An 8-stage climate controller for cross ventilated houses

Operates four groups of fans (first group operated by an on/off timer for minimum ventilation); one heater; inlet control; high/low temperature alarm; automatic temperature reduction curve.

Temptron™ 607

	Model 607A*	Model 607B*	Model 607C*
	Tunnel Ventilation	Natural Ventilation	Cross Ventilation
Real-Time Clock	Yes	Yes	No
INPUTS			
Temperature Sensor 1	Standard	Standard	Standard
Temperature Sensor 2	Standard	Standard	Standard
Temperature Sensor 3	Optional	Optional	Optional
Temperature Sensor 4	Optional	Optional	Optional
Humidity Sensor	Optional	Optional	Optional
Water Meter	Optional	N/A	Optional
OUTPUTS			
Cooling Timer	Yes	Yes	No
Air Inlets	No	No	Yes
Curtain 1	No	Yes	No
Curtain 2	No	Yes	No
Minimum Ventilation Timer	Yes	No	Yes
Minimum Ventilation Curve	Optional	No	Optional
Temperature Reduction Curve	Yes	Yes	Yes
Fan Stage 1	Yes	Yes	Yes
Fan Stage 2	Yes	No	Yes
Fan Stage 3	Yes	No	Yes
Fan Stage 4	Yes	No	Yes
Fan Stage 5	Yes	No	No
Heating	Yes	Yes	Yes
Alarm	Yes	Yes	Yes
ANALOG OUTPUTS			
Speed Regulator**	Optional	Optional	Optional
Light Dimmer**	Optional	Optional	Optional

*The Temptron 607 can also be used as a back-up box for all basic ventilation functions.

**Requires optional Speedtronic Control.

Technical Specifications

Input - 2 temperature sensors (standard); can be expanded to add 2 additional temperature sensors (optional) and 1 humidity sensor (optional)

Output - eight 30-amp relays

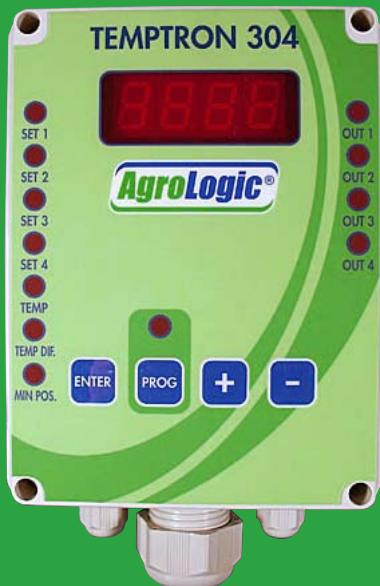
Memory - set point memory with power failure protection and non-erasable memory

Power - 220 volt AC

CONTROLS



Leading in the development of electronic control systems for poultry since 1988.



Agro Logic® Temptron 304



Agro Logic® Temptron 303

Temptron™ 304

Temperature and Humidity Controller

- The TEMPTRON™ 304 offers four outputs at an economical price.
- Model D is for tunnel ventilation and controls three stages (groups) of fans and evaporative cooling. It can also be used for minimum ventilation during the first stage of fans. Cooling is automatically stopped when humidity reaches the set point.
- Model F is for natural ventilation and controls two separate house sidewall curtains. Each curtain has its own temperature sensor and set point.

Technical Specifications

Input - Model F includes 2 temperature sensors (standard); or Model D includes 1 temperature sensor (standard) and 1 humidity sensor (optional)

Output - 4 dry contacts (10 amps maximum)

Memory - set point memory with power failure protection and non-erasable memory

Power - 220 volt AC

Temptron™ 303 Alarm

An Electronic 3-Zone High and Low Temperature and Power Failure Alarm System

- The TEMPTRON™ 303 includes three temperature sensors and sends a signal to your third-party siren, dialer or alarm.
- Users can program a requested temperature and a different high and a low temperature for each sensor.
- Ideal for notification of out-of-range temperatures or power failure.

Technical Specifications

Input - 3 temperature sensors and 1 dry contact

Output - 1 dry contact (10 amps maximum)

Memory - set point memory with power failure protection and non-erasable memory

Power - 220 volt AC

DELIVERING EXCELLENCE



SOFTWARE

Leading in the development of electronic control systems for poultry since 1988.

ChickPro™ Software

The Chick Pro™ PC Software includes two programs:

- The real-time program provides the user with complete control of all networked Agro Logic® Controllers. You receive a clear and animated picture of the current status of all of your houses and can change any of the many parameters in the controllers - up to 32 houses 3500 feet (1067 meters) apart (wired) or 1500 feet (457 meters) apart (wireless) with use of an optional communication box.
- The management program allows you to manage the financial side of the flock - evaluate performance, analyze history and project the financial impact of changes.

	House 1	House 2	House 3	House 4	House 5
Control	No alarm	No alarm	No alarm	Alarm!	No alarm
Control Air	12	12	12	12	12
Average temp	79.0	79.5	80.0	79.9	79.8
Outside temp	64.0	64.0	64.0	64.0	64.0
Humidity	65	67	64	66	66
Feed	156	200	175	188	186
Water	260	300	275	250	386
Required temperature	75.0	75.0	75.0	75.0	75.0
Humidity					
Flare	123	123	123	123	123
Flare	45	45	45	45	45
Inside cooling	●	●	●	●	●
Outside cooling	●	●	●	●	●
Light	●	●	●	●	●
Feed bins	1234	1234	1234	1234	1234
Dampers	0	0	0	0	0
Churns	75	75	75	75	75

Image shows a sample screen from the communication program.

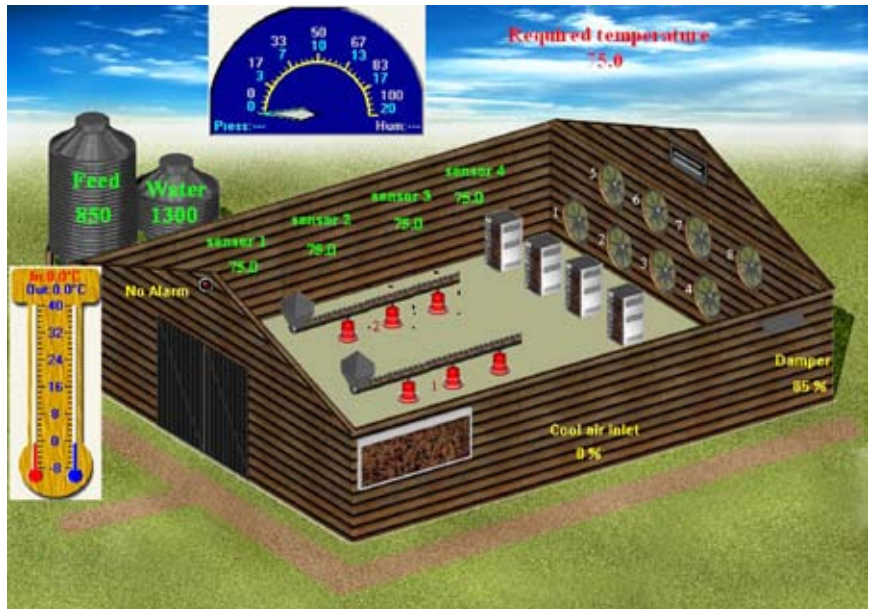


Diagram shows the real-time program animated house diagram.



Agile Mfg., Inc. - A Subsidiary of CTB, Inc.
 720 Industrial Park Road - Anderson, Missouri 64831 USA
 Tel. 800-704-7356 or 417-845-6065 • Fax 417-845-6069
 Internet: www.agrologicusa.com • E-mail: sales@agilemfg.com

800-704-7356
 www.agrologicusa.com

