

# TempTron 607

Suitable For: Tunnel Ventilation  
Power Fan Ventilation  
Natural Ventilation

A Cost Effective 8 Stage Controller for Tunnel, Power, and Natural Ventilation.



## Reliability

TempTron 607 is a reliable, user friendly microcontroller designed specifically for poultry and swine environments. It offers precise climate management with flexible configuration options and robust performance.

## Key Features

### Multi Sensor Monitoring:

- Supports **up to 4 temperature sensors** and displays both individual readings and the **average house temperature**.
- Optional **humidity sensor** for enhanced climate accuracy.

### Powerful Control Capabilities:

- **8 built in relays** for fans, heaters, inlets, curtains, and alarms.
- **Two 0-10V outputs** for variable speed fans, heating or light systems.
- **Two digital inputs** for **water** and **feed** measurement.
- Automatic **temperature reduction curve** for optimized animal growth conditions.

### Flexible Configuration:

- Available in **standard versions** or as an **OEM -customized solution**.

### Central Monitoring & Management:

- Full remote management via **WebChick Pro** together with our DCS remote unit.

### Available Programs

#### Tunnel Ventilation:

- 5 fan groups operating by offset temperature stages.
- First fan group supports **minimum ventilation** using a cycle timer.
- 1 heating group.
- Cooling system with on/off timer.
  - Optional humidity based cooling shutdown.
- High/low temperature alarm relay.
- Real time clock with automatic temperature reduction curve.

Website



Product



Contact us



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### Natural Ventilation:

- 2 independent side curtains/inlets with configurable minimum positions.
- 1 heating group.
- 1 fan group with offset control and minimum ventilation cycling.
- Cooling system with on/off timer.
- Alarm relay for high/low temperature and flap faults.
- Automatic temperature reduction curve.

### Fan Control:

- 4 fan groups with offset temperature operation.
- First fan group used for minimum ventilation cycling.
- 1 heating group.
- 1 adjustable flap linked to active fan stages.
- Alarm relay for temperature and flap related faults.

## Technical specification

Power Supply: 220V AC

Inputs: 4 analog temperature sensors, 1 humidity sensors 0-10V, 2 digital inputs

Outputs: 8 dry-contacts relays (max 220V/2A)

Display: 6-digits, 7-segment LED

Accuracy:  $\pm 0.2^{\circ}\text{C}$  ( $\pm 1^{\circ}\text{F}$ ),  $\pm 1\% \text{RH}$

Memory: non-erasable, power-fail protection

Calibration: Automatic sensors calibration

Enclosure: IP55

