

# TC6

## series controllers

### Management of the total environment



#### Integrate all components

- Variable speed fans
- ON / OFF fans
- Heaters
- Misting
- Air Inlets
- Chimney Dampers
- Heat Mats and Lamps
- Alarms

- Hi-Lo temperature
- Heater run time
- Water consumption
- Relative humidity probe
- Static pressure compensation

#### Available models

TC6-2V1SA  
(2 variables & 1 ON/OFF)

TC6-2V2SA  
(2 variables & 2 ON/OFF)

TC6-2V3SA  
(2 variables & 3 ON/OFF)

TC6-3V2SA  
(3 variables & 2 ON/OFF)

- Two variable stages (except TC6-3V2SA which has 3 variable stages) with seamless merge feature. When second variable stage starts the first variable stage can go to minimum.
- One, two or three ON/OFF stages for fans, heat or misting.
- Two 0-10 Volt Inputs to operate chimney dampers, air inlets or heating.
- Air Inlet output with potentiometer feedback.
- Day & night temperature set points.

- Alarm parameters automatically adjust as the outside temperature changes.
- Short cut keys for quick access to individual settings.
- Outdoor temperature compensation on variable stage bandwidths.
- Memory Stick for quick setting of multiple controls and for storing settings.
- Indicator lights on Control show current operating status for all parameters.

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### Fan Stages

- When first ON/OFF fan stage starts the second variable fan stage goes to minimum speed and then slowly ramps back up to full speed. No sudden air flow change as new stages are activated.
- Each stage has its own set point.
- Up to four temperature probes. Shows the daily high and low temperature at each probe for the last 24 hours as well the past 6 days.



RH Probe

- Input for Relative Humidity sensor to safeguard air quality during minimum ventilation.
  - a) Save on heating costs.
  - b) Low temperature safety override.

### Air Inlets

- Air inlet output with potentiometer feedback allows you to select the precise air flow you want for each fan stage. This provides flexibility to have a high air speed on early stages and to dump air on the last stage.
- Input for optional static pressure compensation.
- Displays % inlet opening.

### Heaters

- Any of the ON/OFF stages can be used for heaters.
- Heater run time is shown for the last 24 hours as well as the past 6 days. Valuable management information.

### Test Mode

- Use the Test mode to test and check all stage settings without changing the set point.

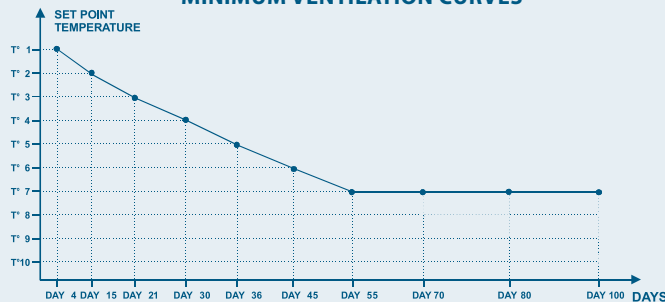
### AgNet

- Connect the TC6 controls to your PC with AgNet software.



- Read and adjust all control settings from a remote location.
- Combine TC6 with Target feed or animal scales for a complete production management system.

### PROGRAMMABLE TEMPERATURE AND MINIMUM VENTILATION CURVES



### Water Consumption

- Input for water meter.
- Displays water consumption for the last 24 hours as well as the last 6 days.
- Programmable alarm when water usage goes above normal.



### Alarm

- High and Low temperature.
- Outdoor temperature compensation with the outdoor temperature probe.
- Power failure.



**GSI Electronics Inc.**

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