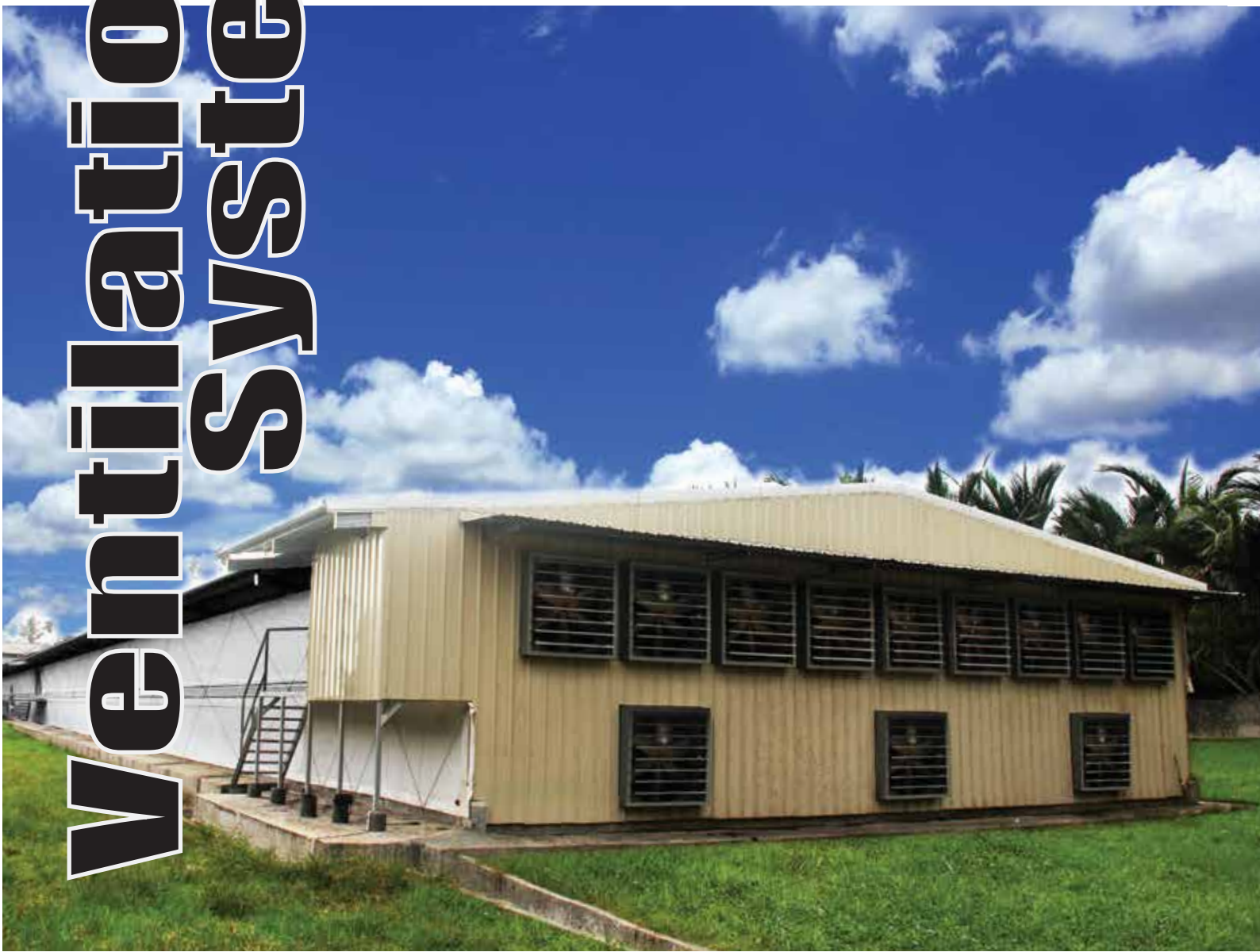




*Innovation For The Future*

# Ventilation System



## **HIGH QUALITY, LOW MAINTAINANCE**

### **WE PROVIDE & SUPPORT YOU A BETTER QUALITY SYSTEMS AND EQUIPMENT**

Astino Agro Equipment Sdn Bhd founded a series of ventilation systems from high quality performance and durable climate control in poultry houses. With these ventilation systems it's will reduce the stress inside the poultry houses caused by overhead and poor ventilated.

## Various Fan



**50" 6 Blade  
Cone Fan**



**36" & 50"  
6 Blade Box Fan**



**36" Econo 6 Blade  
hanging Fan with  
PVC coated netting**

### Special Features :

- Used of advanced CNC bending machine, CNC shearing and CNC processing punch press, high tensile galvanized steel, anti-corrosive.
- With unique high-strength alloy wheels, high strength industry nylon wheels, toughness, and long lasting.
- Distorted punching blades, with dynamically balanced and static balance test, an engineered design blade to ensure that the blade have a good air flow, great noise reduced.
- High-tech stainless steel shutters, has a unique pneumatic switch structure to ensure fully automatically open and close the blinds, the shutters achieve wind, rain, dust efficiency. Rotated palm belt use support, access to farm-specific.
- Easily dismounted protection netting.
- With quality testing procedures: noise reduction, vibration, balancing tested, rotary concentric performance wind blader speeding, assembly efficiency measurement.

Model Spec.	Blades DIA. (mm)	Blades (rpm)	Motor (rpm)	Air flow (cfm)	Total pressure (Pa)	Noise decibels	(kW)	(hp)	Rated voltage (V)	Height (mm)	Width (mm)	Thickness (mm)
QCHS-610	500	1400	1400	7066	55	< 70	0.55	0.75	415V	620	620	400
QCHS-910	900	610	1400	14721	70	< 70	0.75	1	415V / 230V	1000	1000	400
QCHS-1000	1000	600	1400	16500	70	< 70	0.55	0.75	415V / 230V	1100	1100	100
QCHS-1250CF	1250	460	1400	29148	73	< 70	1.10	1.5	415V / 230V	1380	1380	400
QCHS-1250	1250	439	1400	25909	56	< 70	1.10	1.5	415V / 230V	1380	1380	400
QCHS-1250SS	1250	439	1400	25909	60	< 70	1.10	1.5	415V / 230V	1380	1380	400



# Environmental Controller

Based on our powerful strength of technical development and biz experience, We have provide environmental controller series designed exclusively for controlling the temperature and humidity in livestock buildings. Outstanding functions, reliability, performance and reasonable price.

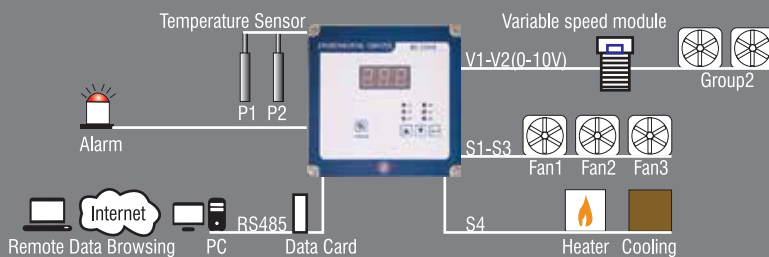


- Input:** Two Temperature Sensors.  
One Humidity Sensor (Connect to P2).
- Output:** Six Groups of Constant-speed Fans.  
A Group of Cooling System (Connect to S6).  
A Group of Heaters(Connect to S6).  
Alarm Controlling Signals

## EC-T6C

### Feature:

- Minimum ventilation timer.
- Specific switching mode between cross ventilation and tunnel ventilation.
- High/low temperature alarm, Defective temperature probe alarm.
- Temperature curve function, Minimum ventilation curve function.
- IP65 waterproof enclosure, size: 182\*182\*109mm.
- Unique fan start up protection to avoid current overloaded when fans turn on simultaneously.
- Six-stage controller, controlling the constant-speed fans, heaters, cooling system, etc.

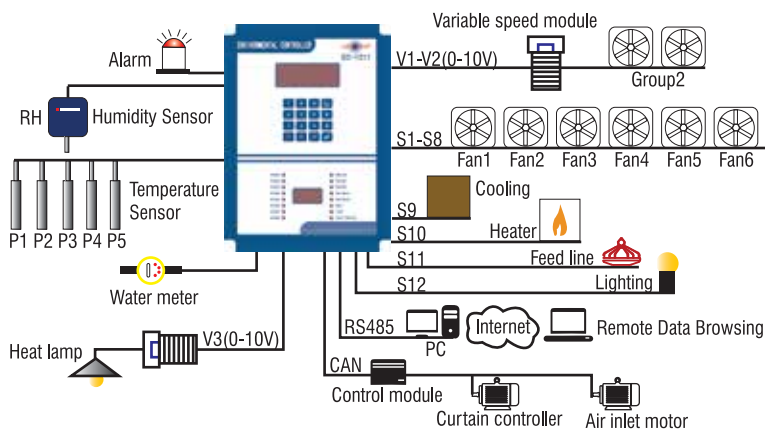


- Input:** Two Temperature Sensors.
- Output:** Three Groups of Constant-speed Fans.  
Two Groups of Variable-speed Fans.  
A Group of Cooling System (Connect to S4).  
A Group of Heaters(Connect to S4).  
Alarm Controlling Signals.

## EC-T2V4

### Features:

- Minimum ventilation timer.
- High/low temperature alarm. Defective temperature probe alarm.
- IP65 waterproof enclosure, size: 182\*180\*109mm.
- Six-stage controller, controlling the constant-speed fans, variable-speed fans, heaters and cooling system.
- Unique fan start up protection to avoid current overloaded when fans turn on simultaneously.
- Controlled by the temperature curve and the humidity curve.
- Possibility of computer connection with optional Data Card provided.



## EC-1211

### Feature:

- Unique heat lamps power control.
- Specific switching mode between cross ventilation and tunnel ventilation.
- High/low temperature alarm, Defective temperature probe alarm.
- Temperature curve function, Minimum ventilation curve function.
- Humidity compensating control, Outdoor temperature compensating control.
- Able to control the opening size of automatic curtains and ventilation inlets simultaneously.
- Minimum ventilation timer. variable-speed curve.
- Possibility of computer connection.
- IP65 waterproof enclosure, size: 305\*228\*120mm.
- Up to 30 days' record of data, including the maximum and minimal point of daily temperature and humidity, drinking water volume, etc.
- Unique fan start up protection to avoid current overloaded when fans turn on simultaneously.
- Twelve-stage controller, controlling the variable-speed fans, constant-speed fans, heaters, cooling system, etc.

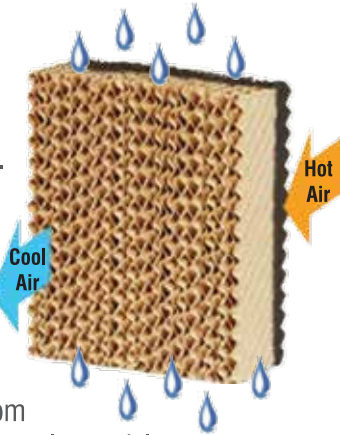
- Input:** Five Temperature Sensors (P5 available for outdoors use).  
One Humidity Sensor (4-20mA).  
Two 4-20mA Standard Interface (Spare).  
One Digital Input Interface (Pulse Meter Connection Available).
- Output:** Two Groups of Variable-speed Fans.  
Eight Groups of Constant-speed Fans.  
A Group of Cooling System, A Group of Heaters (IO).  
Alarm Controlling Signals.  
Feed line control, Ventilation Inlets Control.  
One 0-10V Standard Interface (Spare).  
A Group of Power Output (Heat Lamp control).  
Lighting Control, Automatic Curtain Control System.

# Cooling Pad & Curtain System

## Durable Cooling System

Astino Agro Cooling pad system is finished in quality durable corrugated paper. The top cover design allows you to see the water level and easily check water pressure. It also gave you a good access to spray bar for cleaning. The Ventilation fan and cooling pad provide you a efficient and economic temperature drop measure in hot weather.

- High durable corrugated paper, corrosion resistant, additional service life.
- Additional percolating and absorbing water to ensure water drip wet up the wall.
- Outer frame made from high quality stainless steel material.
- Automatic float valve for matching water supply with water demand.
- Wide selection of cooling pads to choose from.



## Curtain System



### Emergency Auto Curtain Release

Emergency Auto Curtain Release is an essential item for curtain system to provide first aid during electricity breakdown occur.

When power failure occur, it will release the roping on the suspension to open curtain and provide fresh air and oxygen to birds inside the house.



**ASTINO AGRO EQUIPMENT SDN. BHD.** (Co. No. 882756-H)

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