



**Guarantee High
Performance
& Quality**

www.sinarmustikaraya.com





The best choice of professional poultry equipment which guarantee all the products are strong, innovative, high quality and great performance. This brand is more focused on closed house broiler set poultry equipment, such as automatic feeding, drinking, ventilation, evaporative cooling, silo, hopper, slat, curtain, heater and controller system.

All the products are made by one of the biggest company in China with high technology machine, perfect management, high quality material and strict quality control. Every step of the production process is precisely based on the quality aspect with fully dedicated to even the smallest details. Therefore, all the products sold in the market have already fulfilled international standards and proven in the field.

Because of those facts, we believed that we should be able to become a market leader in poultry industry. Moreover, positive feed back from customers help us to grow better and bigger. "Guarantee to give high performance and quality products" is our long and lasting purpose. So, go starting to do poultry business now and carry along NEWLINE as your success partner.



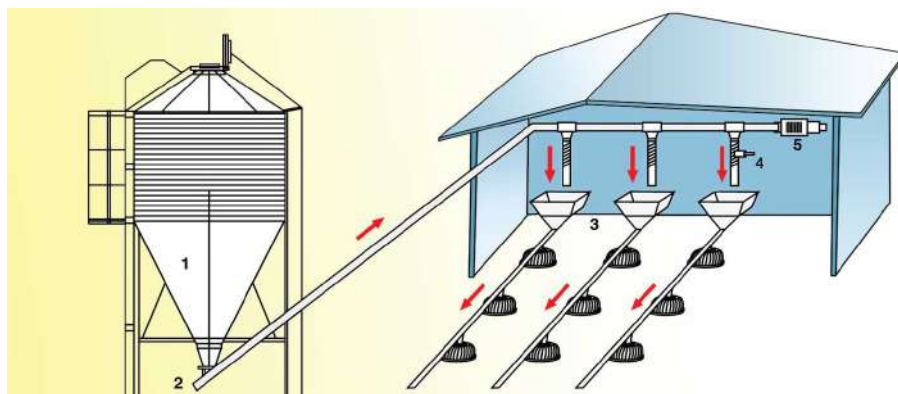
Broiler pan feeding system

This feeding system deliver feed through auger, including main feed line and pan feed line.

Main feed line : deliver feed from silo to hoppers in chicken house. There is one feed sensor (or limited switch) at the end of main feed line, which can control drive motor on and off to turn automatic delivery feed.

Advantage : Reduce labour intensity.
One person can manage one chicken house.

Pan feed line : This system deliver feed automatically by feed sensor (or limited switch) at the end of feed line to control drive motor on-off.



Layout of main system

1. Silo / External Hopper
2. Silo / Hopper boot
3. Pan feed line
4. Feed sensor
5. Drive motor

Pan feed line

Pipe with Auger: 045mm

Hopper : volume-70kgs | **Material** : galvanized sheet | **Thickness** : 1.0mm

Delivery Feed pan : 14 grills. 0330mm

Feed sensor or movable control pan for brood

Drive motor : stop delivering auger automatically

Hanging system

Anti-roost system carat



Feed pan

Diameter : 330mm

Material : PP, antioxidant, UV, anti-aging

Grill : 14 grills

Number of birds/pan : 40-50 birds/pan

Feature of feed pan:

1. 360° rotation can prevent birds bruises.
2. Handy shut-off adjustment slide
3. Handy feed level adjustment ring.
4. Special feed pan bottom design prevent feed waste.
5. Special window on feed cone satisfy birds' feed request in rearing and heavy period.



Drive motor

Originated from Taiwan with overload protection and aluminum shell

Protection class : IP55

Power : 0.75kw

Voltage : 380V (we could supply the motor with different voltage according to local place)

Frequency : 50hz



Delivery motor

Feed pipe : 4 holes/3m, 3 holes/3m

Diameter : 45mm

Material : galvanized steel with zink coating 275 grams/m2

Thickness : 1.2mm

Auger : Originated from South Africa

Delivery capacity : 450kgs/h



Feed sensor

Feed sensor (used for feed line and main feed line)

Feed sensor can be installed in the **feed pan** :

When there is lack of feed, drive motor will start and deliver feed.

When there is full of feed, motor will stop. Feed sensor can be installed at the bottom of hopper too.



Hanging system of pan feed line

Hanging system of pan feed line consists of winch, pulley, fasteners, stainless steel wire, clamp and so on. Height of pan feed line system can be adjusted by winch, appropriate pan height is very important for poultry growing.

Correct height : Birds back height = Upper height and outer edge of pan grill.

Pan feed line can be lifted by hanging system, which improve cleaning work and offer convenience for birds moving in and out.



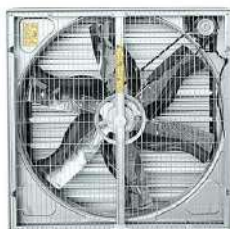


Fan Model

Centrifugal Fan : Centrifugal system can open the shutter automatically with power on. Smooth operation. low noise and consistent air flow. When power is off, shutters close under the action of gravity and spring. Shutter pieces close tightly with good sealing effect.

Hanging Fan : Hanging fan can be hung directly in the bird house, no need to install in the wall. It is mainly used in the cattle or other open and semi-open house. This kind of fan has larger air flow and is easy to install.

Fan model



36" Box Fan / Centrifugal Fan

Motor : 1 phs / 3 phs

Fan speed : 20.800 m³/h = 12.250 CFM



50" Box Fan / Centrifugal Fan

Motor : 1 phs / 3 phs

Fan speed : 43.500 m³/h = 25.650 CFM



50" Cone Fan / Centrifugal Fan

Motor : 1 phs / 3 phs

Fan speed : 49.380 m³/h = 29.100 CFM







36" Hanging Fan

Motor : 1 phs / 3 phs

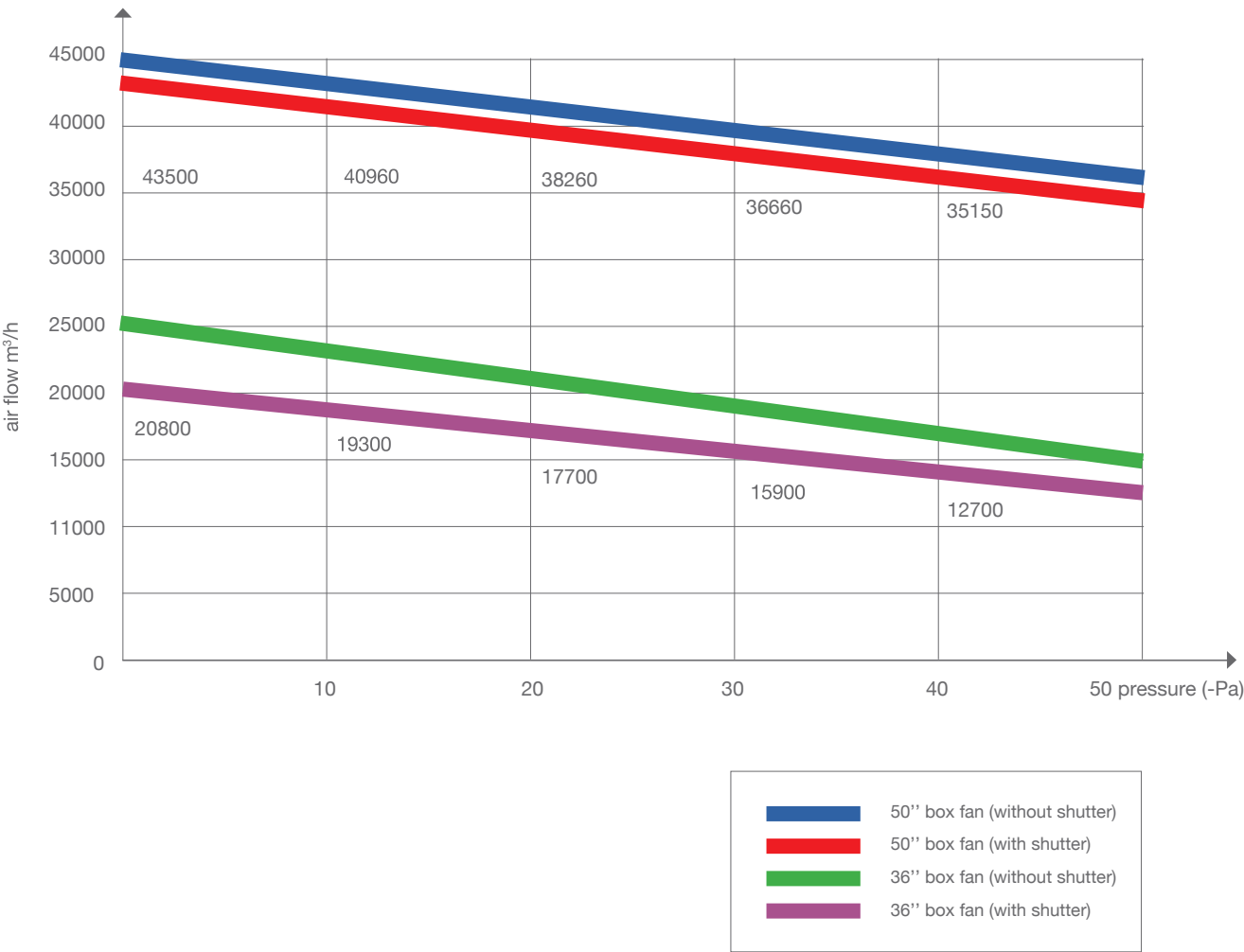
Fan speed : 23.000 m³/h = 13.550 CFM

Spare parts

				
Blades	Shutter	Frame	Centrifugal system	Motor
Material 430BA stainless steel Offered by Krupp Stainless Co_ Ltd. Thickness 1.2mm	Material Hot galvanized sheet Shutter thickness 0.8mm The middle piece is 1.5mm	Material Hot galvanized sheet Thickness Top and bottom frame is 1mm. Left and right frame is 0.8mm Zinc coating 180g/m ²	Column 304 stainless steel Strong and anti-rust Compared with the traditional hammer opening system. our centrifugal system can keep the fan shutters open with 90 degree forever	Siemens motor. Protection level IP 54 or 55 Insulation level F

			
Motor base plate	Big belt pulley and flange	Linkage pole	Belt
Siemens motor. Protection level IP 54 or 55 Insulation level F	Light weight. low vibration bearing Bearing produced by C&U Group Standard automobile hub bearing. Aka 10238.2001	Material Aluminum alloy. No deformation in hot weather Spring 304 stainless steel	Mitsubishi belt from Japan, maintenance free

Air volume curve table



Fan model

Name	Diameter of Blade (mm)	Rated Voltage V	Rated Current A	Input Power Kw	Motor Speed r/m in	Air Flow m³/h	Noise dB	Installation Dimensions mm
36 hanging fan	910	380	0.4	1.6	1400	23000	≤64	1000x1000x450
36 box fan with centrifugal system	910	380/220	0.4/0.55	1.6	1400	20800	≤62	1000x1000x450
50 box fan with centrifugal system	1270	380/220	1.1/1.5	2.8	1440	43500	≤62	1380x1380x450
50 cone fan	1270	380/220	1.1/1.5	2.8	1440	49380	≤65	1380x1380x1180



NEWLINE Nipple Drinking System

NEWLINE nipple drinking system consists of nipples, water pipe, pressure regulator, front part of drinking line and main water supply pipes. NEWLINE nipples could give 360° side action triggering. Nipples can offer precision movements of triggering pin getting day-old birds off to the best start. After several years use in the market, the ideal NEWLINE nipple drinking system ensures that the quality of water being delivered is beneficial and makes drinking easy for birds.

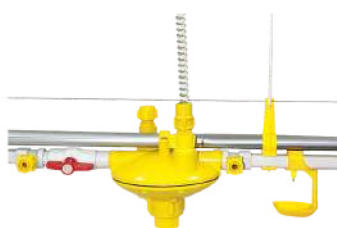
High quality low maintenance

- Square water supply pipe (22mm x 22mm)
- Light resistant water pipe prevent algae
- Nipple with stainless steel body and plastic shell
- Galvanized support pipe
- Easy push together assembly
- Folding hangers hold the water pipe firmly in place

Quick and easy assembly



End kit with clear sight tube
Flexible sight tube allows easy pressure reading. Strong design.


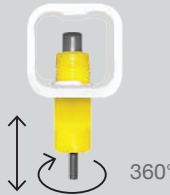
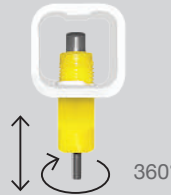
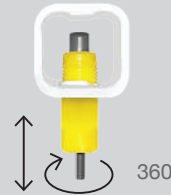



Regulator with clear sight tube
Deliver different volume of water at an adjustable pressure. Heavy construction. Pressure regulator with one outlet and with two outlets.

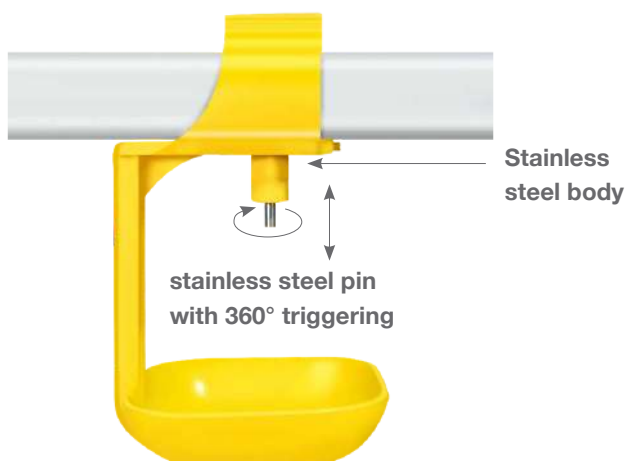


High quality water pipe
Size : 22mm x 22mm
Thickness: 2.2mm
Material : high quality PVC Light resistant water pipe prevent algae.

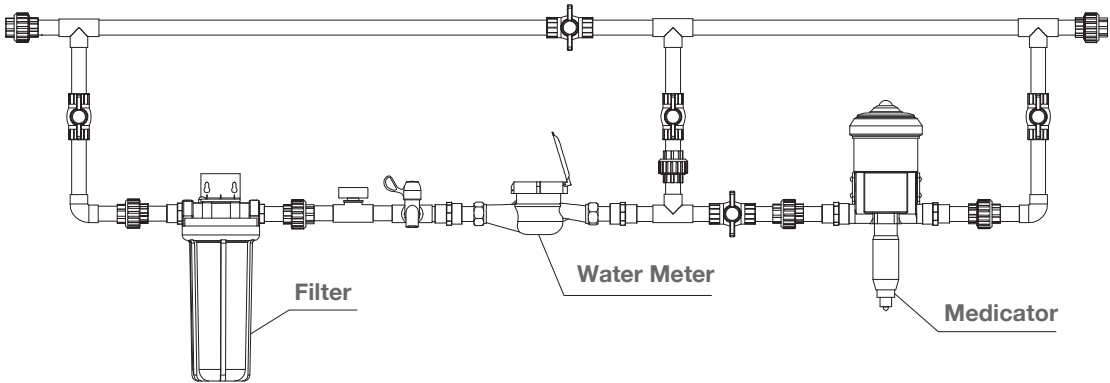
NEWLINE Nipple

				
HB 120 nipple	HB80 nipple	MY120 nipple	MY80 nipple	SS nipple
80-120ml/min	50-80ml/min	80-120ml/min	50-80ml/min	Stainless steel shell and body
8-12 birds/nipple	8-12 birds/nipple	8-12 birds/nipple	8-12 birds/nipple	8-12 birds/nipple
Broiler and duck	Broiler and layer	Broiler and duck	Broiler and layer	15 years
15 years	15 years	15 years	15 years	

One arm drink cup



Front part of drinking line



Quality of the water is of high importance to most drinking system. Special design of our front part not only can supply water and dosatron medicator, but also wash sediment effectively with its large diameter clean-tube. All these can protect the system and reduce the workload.

Medicator (Dosatron)



It can dose the water solubility medicine automatically to prevent disease. By using water pressure as power source instead of electricity, it is economical and reliable. It can regulate precisely the amount of additive and water ratio. Easy and convenient operation, anti-rust and anti-corrosion.

Technical data

Flow rate	10L/H-2.5m³/H
Working pressure	0.3bar - 6bar
Dosing rate	0.02L/H-50L/H
Maximum working temperature	40°C
Adjustment ratio	0.2% to 2% (1:500 - 1:50)
Connecting size External thread G3/4	External thread G3/4
Water flow	0.45L every other “kata” click sound

Climate Controller

TEMPTRON 607A-C



A LOW COST 8 STAGE CLIMATE CONTROLLER FOR TUNNEL VENTILATION

Temptron 607 climate controllers are reliable, user friendly micro controllers especially designed for poultry and swine raising.

Temptron 607 displays the temperature from up to 4 temperature sensors as well as the average house temperature. A humidity sensor can also be connected to the system.

Temptron 607 has 8 built in relays for operating fans, heaters, inlets, curtains and alarm relay; 2 0-10V outputs for use with variable speed fans and heating units and two digital inputs for water and feed measurement.

An automatic temperature reduction graph can be incorporated. Central management from a Windows enabled PC is done using the Web Chick package.

Can be ordered in various standard versions or as an OEM product with custom designed program.

T607A - TEMPTRON 607 TUNNEL VENTILATION

- 5 fan groups Fan groups run according to offset temperature settings. First fan group is used for minimum ventilation. Minimum ventilation runs the fan group in a cycle pattern.
- 1 heating group.
- Cooling system - running on an on-off timer. Optional: when a humidity sensor is connected the cooling system will stop when the humidity is high.
- Alarm relay output - for high and low temperature.
- Real-time clock with an automatic temperature reduction curve.

T607B TEMPTRON 607 NATURAL VENTILATION

- 2 independent side ventilation curtains or inlets with minimum closing positions.
- 1 heating group.
- 1 fan group - Fan group runs according to offset temperature setting. Minimum ventilation runs the fan group in a cycle pattern.
- Cooling system - running on an on/off timer.
- Alarm output relay - high and low temperature, flap fault.
- Automatic temperature reduction curve.

T607C - TEMPTRON 607 FAN CONTROL

- 4 fan groups - Fan groups run according to offset temperature settings. First fan group is used for minimum ventilation. Minimum ventilation runs the fan group in a cycle pattern.
- 1 heating group.
- 1 flap - opening to set position according to the number of active fan groups. 0 Alarm relay output - high and low temperature, flap fault'.

Technical Specifications

Power Supply	220V AC
Input	4 analog temperature sensors, 1 Humidity sensor 0-10V, 2 digital inputs
Output	8 dry change over contact max. 220V /2 Amp
Display	6 digit 7 segment display
Accuracy	± 0.2°C (1°F) 1%H
Memory	Memory with power fail protection and non-erasable memory
Calibration	auto calibration of connected sensors

TEMPTRON 304



Temptron 304 is a low cost micro controller designed as a digital multi-function thermostat.

The unit measures temperature and humidity, and according to its measured input operates up to four relays and one 0-10V output for variable speed control or variable heat control.

Temptron 304 displays its connected temperature and humidity sensors on its 4 digit display.

A temperature set-point and a temperature difference may be set for the 0-10V output. It is possible to set a minimum level for the 0-10V output. Each function can be set according to temperature or humidity to operate above or below its set point (heating or cooling). Temptron 304 may be ordered as an OEM product with a custom designed program.

TEMPTRON 304D



Temptron 304D is a low cost micro controller designed as a 4 stage climate controller. Temptron 304D will control 3 fan stage groups and 1 cooling stage.

The first stage has a minimum ventilation on/off timer and an on/off timer for the cooling that can be set by the user.

A humidity sensor can be connected to the Temptron 304D that will stop the cooling if the humidity is over its set point. Temptron 304D is supplied with one temperature sensor and an option for a humidity sensor.

Technical Specifications

Power	220V
Input	one remote temperature sensor, one remote 0-10V humidity sensor
Output	4 dry change over contacts max. 220V/2 AMP, 0-10V OUT
Display	4 digit 0.1°C
Accuracy	0.2°C (1°F) 1%H
Memory	Memory with power fail protection and backup
Calibration	Auto-calibration of connected sensor

TC5 CONTROLLER



Easy to use and configure

- Eight ON/OFF climate controls for fan or heater
- Up to 8 fans outputs and up to 2 heat outputs
- Minimum ventilation ON/OFF timer
- Automatic temperature reduction
- Optional : humidity sensor
- Alarm
- 2 temperature sensors are included

Cold Maker



Available Dimensions

CM-122016

PVC Cold Maker System 12 m with two side panels and water pump with self filter and float system with intake valves.

CM-182016

PVC Cold Maker System 18 m with two side panels and water pump with self filter and float system with intake valves.

CM-242016

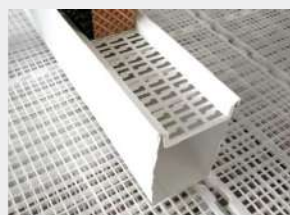
PVC Cold Maker System 24 m with two side panels and water pump with self filter and float system with intake valves.

CM-302016

PVC Cold Make, System 30 m with two side panels and water pump with self filter and float system with intake valves.

Features:

- Easy installation
- Includes an internal water tank, no need for an additional one
- The floating system enables automatic refill when the water level falls
- Adjustable length and height due to its modular structure
- The pads can be easily installed and uninstalled due to the special lock system
- Includes a drain valve
- PVC materials contain UV
- More durable than alternative cooling systems as it is completely made of plastic
- Completely rustproof



Curtain Matic



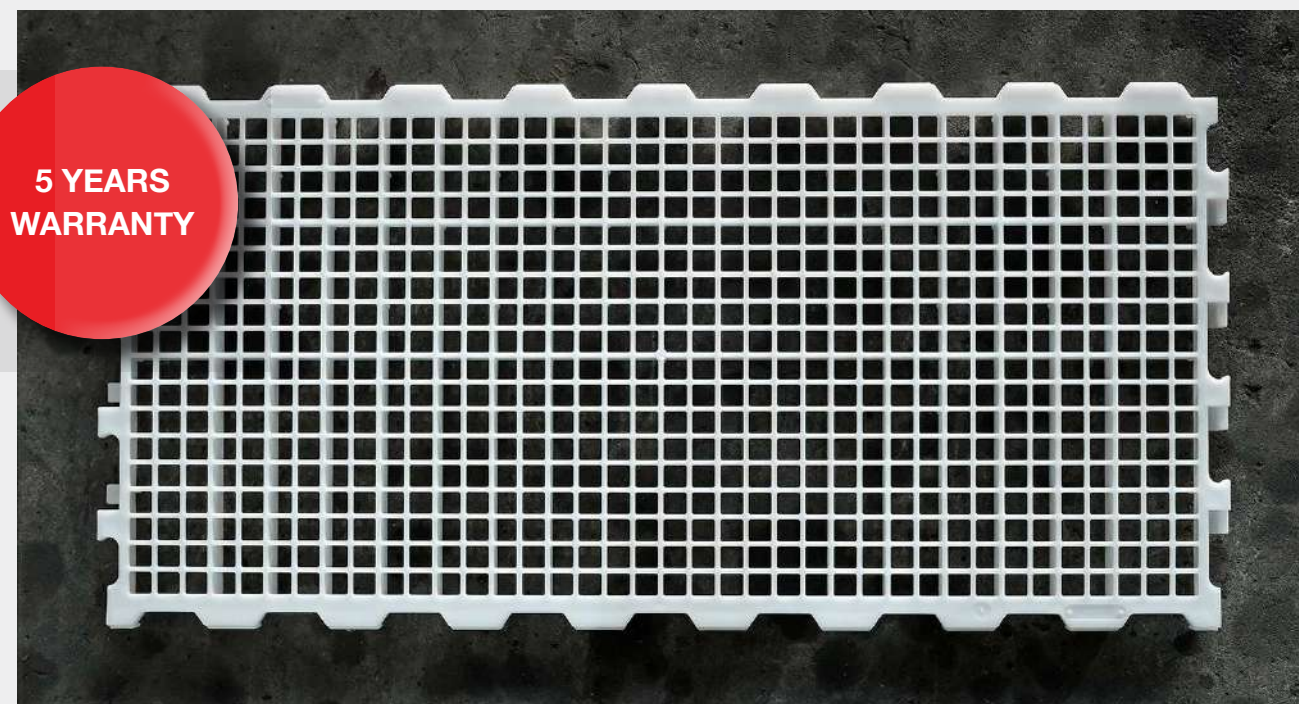
Why taking risk by purchased a fake curtain drop?

Hired-Hand, the original inventor of Curt-O-Matic curtain drop can protect your confinement house if the power should fail or - with optional thermostat - in the event of high temperature extremes; thus preventing thousands of dollars in potential loss. This provides a huge return for a very small investment

Features:

- 5 Minutes time delay
- Simple 3 wire hook up
- Available in 120, 208 or 240 volt models
- 5 year warranty
- curtain chain kit
- Easy installation
- Curt-O-Matic III can be hooked up to your alarm system's electronic audible, to signal alarm if arm on system should drop.





The original Poultry Flooring is made of 100% virgin high grade plastic material. It's built for strength, heavier and long-lasting!

Performance

- Our poultry flooring reduces foot pad problems, leg problems, and breast blisters often experienced with wood slats and will easily outlast them.

Rot-Proof/Non-Porous

- Our solid plastic construction is rot/corrosion proof, resists microorganisms build-up and sheds waste easily

High Quality

- Made from high impact Polypropylene plastic material for durable & easy cleaning.
- Corrosive free, does not hid

Interlock Design

Design with interlock system for all four sides of the slat. Provides a secure attachment to the steel support beam.

No Sharp Edges

- 100% consistence dimensions.
- No sharp edges or corners danger to birds.

Strong

- Strong enough to hold 120kg (265lbs) of body weight to stand or walk.

Optional

- PVC slat support or fiberglass pultrusion cross bar also available for complete slat system package.

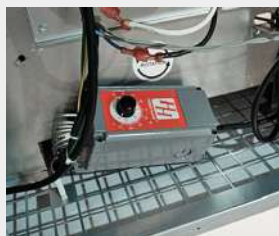
Technical Data	Comfort Model (Oval Holes)	Eco Model (Square Holes)
Materials	Polypropylene	Polypropylene
Dimensions	1020mm x 515mm	1020mm x 515mm
Hole Dimensions	20mm x 45mm	20mm x 20mm
Actual Weight	2.74kg / 6,04lbs	2.10kg / 4.63lbs
Color	Natural	Natural

Super Saver Heater

Available Dimensions

The Super-Saver XL heating line is a line of direct fired heaters that have model variations for both inside suspension hanging and outside mounting. The inside mount model is a gas circulating heater that's dependability and rugged construction make it the ideal unit for a poultry environment.

The outside mount models are forced air heaters that come complete with all relevant brackets and accessories for installation. Its superior combustion is provided by clean, fresh outside air which insures healthy, safe heat for your poultry needs. All models are available with options for natural gas or liquid propane.



Both Hot Surface and Direct Spark electronic ignition systems are available. Super Saver heaters eliminate the expense of fuel wasted by inefficient and out dated pilot light ignition systems.



"Service-Saver" enclosed control box unit sealed from debris like dust and moisture makes the unit easily field serviceable. The side swinging door design gives easy access to internal components like the control unit and blower motor.



Features :

- models available from 40K to all new 250 BTUH
- hot surface or all new direct spark ignition options
- high temp aluminized steel burn chamber
- side swing door for easy access and maintenance
- diagnostic lights for troubleshooting ease
- standard adjustable "y" heat deflector
- 1/3 HP totally enclosed thermally protected motor with sealed bearings
- 1/10 HP on all 40,000 to 75,000 BTUH units
- standard 1/2" gas cock installed at gas valve
- back-up safety sail switch
- high limit safety switch (manual reset)
- on/off toggle switch
- available in 120v and 240v models
- stainless steel, high altitude and certified models available



PT. Sinar Mustika Raya had operated since 2008 and founded by experts who experienced in the poultry business, especially in chicken farm.

VISION AND MISSION

The reason why we present in this business is because we see the opportunity, the growth level and the development of the agro business industry is really potential for now and also in the future. Chicken meats and eggs are premier product needs for all people in the world where as the nutritional content is very useful for humans' health (protein, fat, vitamins, and etc). The price level of chicken products relatively cheap compared to other meats, therefore the demand and the popularity has increased gradually.

In order to support the development of agro business in Indonesia and facilitate farmer to have better management in the farm, we set our company's VISION & MISSION as follows:

1. Increase the promotion of our poultry equipment that will be marketed to all potential livestock industries, for both semi-automatic and fully automatic, through seminars and various advertising social medias.
2. Establish broader sales & marketing network in Indonesia by expanding sub-networks distributors in every province & city.
3. Strengthen and do more intensive sales approach to our potential customers. Optimizing the supply of spare parts and after-sales service for the satisfaction of our loyal customers.
4. Increase market share.



Imported & Distributed by:

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