

Cangzhou Wanqing Animal Husbandry Technology Co., Ltd.
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万擎畜牧
WANQING ANIMAL HUSBANDRY

About us:

Cangzhou Wanqing Animal Husbandry Technology Co., Ltd. is located in the Cangzhou, China, where enjoys convenient access to major transportation networks. Our company specializes in the collection of animal husbandry equipment research and development, manufacture, sales, installment, overall design and after-sale maintenance in the integration of modern comprehensive import and export service. We are pursuing to be the most visible and valuable animal husbandry equipment solution provider worldwide.

Our vision: To be standardized, competitive and internationalized.

Our mission: To provide world-class technology, world-class product quality and world-class customer service.

Our values: To insist on being people-oriented, upholding absolutely honest operation and achieving continuous advancements.

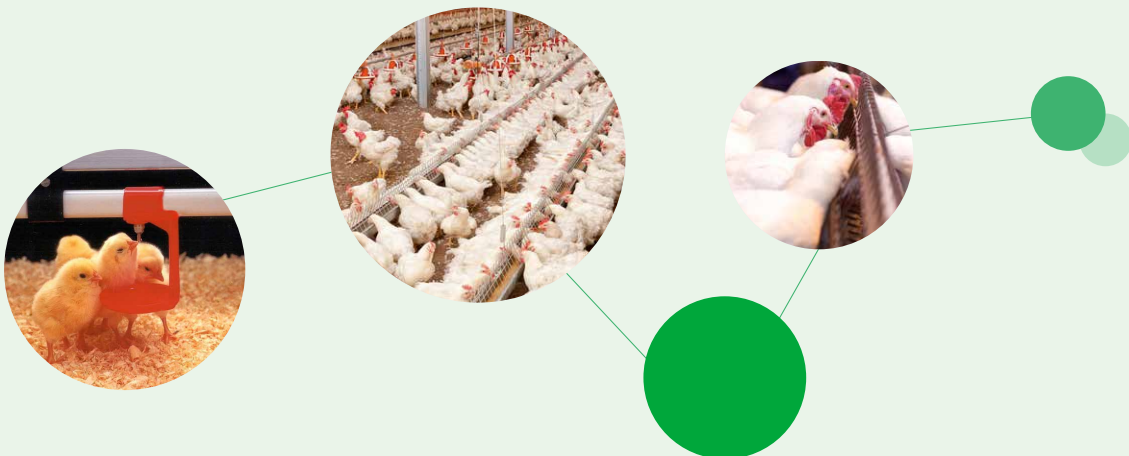
Wanqing offers a wide range of products with targeted designs according to clients' requirements in order to satisfy different environmental conditions. Wanqing will always be producing the state-of-the-art facilities compounding with professional after-sale service to show all over the world.

Let's make raising poultry simple and efficient!



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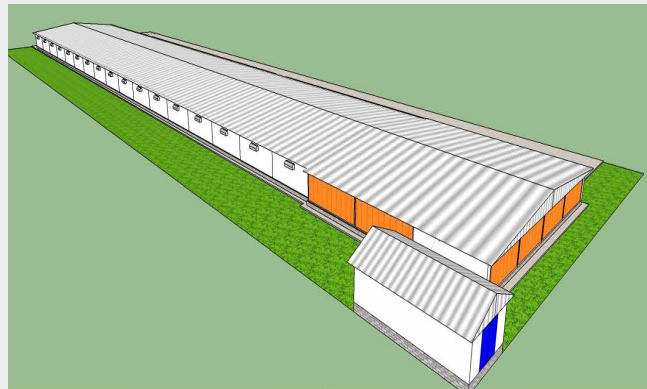


Project design

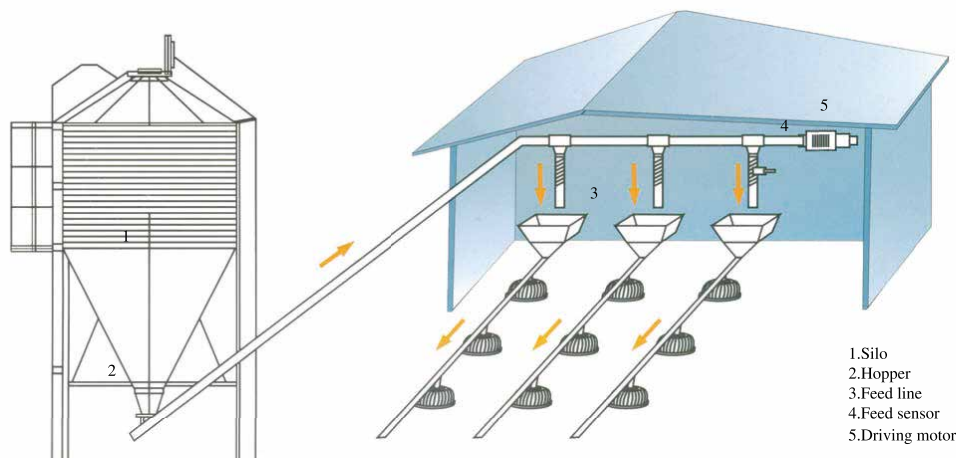
Customized project design for large scale farms



Wanqing adopt advanced European and US technology in environmental ventilation concept, undertakes to design large & medium farm project and old farm renovation project. We will provide customized design and solutions continuously to satisfy your all requirements.



Main feeding line



The automatic feeding system consist of silo or hopper、 driving device、 auger、 feed sensor, etc. The closed chicken house design improves the management efficiency, reduces the cross infection rate, achieve the highly of automated control of the chicken farm.



SILO

The silo is composed of silo body、 silo lid and silo legs, etc. Silo body is made of 275g/m hot galvanized panel (two sides). There is a hole on the type-cone for checking the feed level. We have different types of silos to meet different requirements.

Silo characteristics: high strength, anti-corrosive, easy installation and long service life.

Volume	Feed weight	Diameter	Layer	Cone thickness	Body thickness	Leg thickness	Total Weight	Total Height
7.6 m ³	5T	2.5 m	1	1.0 mm	1.0 mm	2.5 mm	340kgs	4.4 m
15.8 m ³	10T	2.75 m	2	1.0 mm	1.0 mm	2.5 mm	650kgs	5.4 m
21.6 m ³	15T	2.75 m	3	1.0 mm	1.0 mm	2.5 mm	680kgs	6.3 m
25.5 m ³	18T	3.0 m	3	1.0 mm	1.2 mm	2.5 mm	720kgs	6.3 m
29.8 m ³	20T	3.26 m	3	1.2 mm	1.2 mm	2.5 mm	875kgs	6.6 m
38.5m ³	25T	3.67 m	3	1.2 mm	1.2 mm	3.0 mm	1060kgs	6.6 m

Hopper



*Surface spray treatment, wear-resistant anti-corrosion, beautiful appearance;

*The whole hopper is detachable, saving more space;

*Four different sizes of hoppers for you to choose. You can choose the suitable size according to your feeding quantity and individual needs, you can also customized individually according to your requirements.

Volume (m³)	Feed(Kg)	Size(m)	Thickness (mm)	Thickness of leg(mm)	Weight (kg)	High (m)
0.6	390	2.45	2	2.0	420	1.055
0.8	520	2.45	2	2.0	470	1.055
1.2	780	1.4×1.36	2	3	600	1.255
1.4	910	1.4×1.36	2	3	640	1.455

Auger and pipe

Spring auger: Imported from South Africa, made of high quality spring steel, long service life and not easily deformed.



Conveying pipe diameter	Conveying pipe thickness	Conveying pipe material	Auger model	Feeding ability	Convey length
75mm	3.6mm	PVC	75/227	1400kg/h	60m
90mm	4.5mm	PVC	75/322	2400kg/h	40m

Motor



Die-cast aluminum alloy shell and input & output flange, excellent heat dissipation, no rust, stable and reliable.

Split Gearbox, quick and easy to replacement.

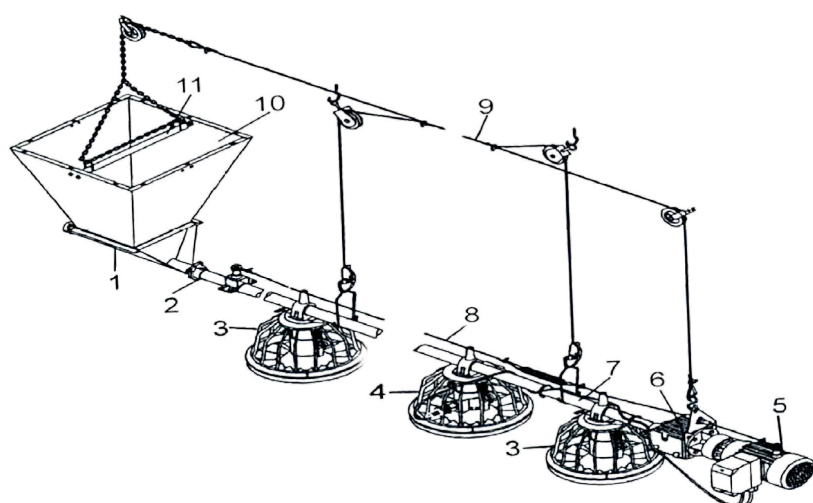


Sensor

Two kinds of imported sensors to choose.

1. Germany IFM feed level sensor (double wires),
2. Israel Agrologic feed level sensor (three wires).

Pan feeding line



1. Hopper body
2. Feed tube (with auger inside)
3. Feeder pan
4. Control pan(with feed level sensor)
5. Motor
6. Connector box
7. End tube
8. Anti-perching system
9. Lifting and suspension system
10. Hopper bin
11. Beam

Wanqing adopt advanced European and US technology in environmental ventilation concept, undertakes to design large & medium farm project and old farm renovation project. We will provide customized design and solutions continuously to satisfy your all requirements.

Hopper



structure: Assembled hopper, save shipping space and better for protecting surface galvanized layer.

Thickness: $\geq 1.2\text{mm}$

Material: 275g galvanized sheet

Sensor

Two kinds of imported sensors to choose:

1. Germany IFM feed level sensor (double wires),
2. Israel Agrollogic feed level sensor (three wires).



Motor



Die-cast aluminum alloy shell and input & output flange, excellent heat dissipation, no rust, stable and reliable.

Split Gearbox, quick and easy to replacement.

Equipment length	0-60m	60-80m	80-100m	100-120m	120-150m
Single phase	0.37KW	0.75KW	0.75KW	1.1KW	1.5KW
Three phase	0.37KW	0.37KW	0.75KW	0.75KW	1.1KW

Feed pan



WQ1-1



WQ1-1



WQ2



WQ3



WQ4



WQ5

Made of pure raw materials, contains anti-aging and anti-UV additives, durable and more than 10 years service life. All types of feed pans are designed according to the world's advanced feeding concept, which can make broiler chickens enjoy eating happily in different stages; the types and colors of chicken feed pan can be chosen freely according to your preferences.

Auger and pipe



Spring auger: Imported from South Africa, made of high quality spring steel, long service life, stable performance, can be conveyed powder and pellet feed.



Feed pipe: Hot-dip galvanized steel pipe, the zinc coating amount > 275g/M2 (double sided), good rust-proof effect and long service time.

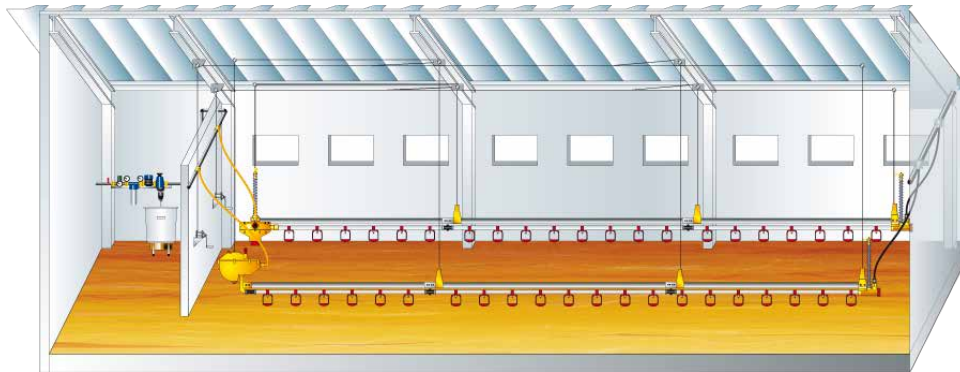
New type feed pipe with raised edge can protect the feed pan better and increase the feed pan service life. The uniform zinc layer is beneficial to increase the service life of the feed pipe.



TURBO

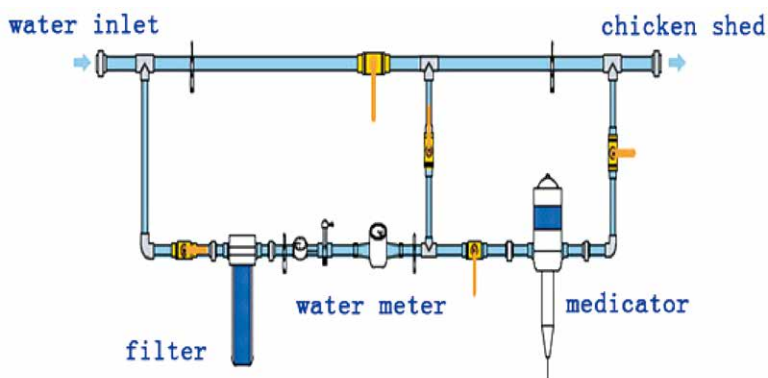
New type chicken plate, convenient for feeding, easy to clean and beautiful appearance.

Nipple drinking line



Automatic nipple drinking system include: Front system, Main water supply system, Water inlet system, Pressure regulator & the end of drinking line, Nipple drinking line, Lifting winch, Suspension and lifting system and Anti-Perching system.

Water supply



The front system is composed of water filtration, metering, water pressure display, water pressure regulation, and dosing device. Water supply pressure supply and storage device are optional.

Pressure regulator



Integrated pressure regulation, recoil and water level display. Operating easily and responding quickly. The internal valve is made of pure raw material, soft and anti-aging.

Lifting winch



Gear after wear-resisting and strength processing, overall surface is sprayed, pretty appearance and long service life

Drinking line



Square water pipe

Lubing type, the nipple shell is made of POM and stainless steel. It is double-sealed with cone valve. It has good sealing effect and strong stability. The water pipe adopts 22×22 pure raw material PVC square tube with light blocking agent inside to reduce the growth of bacteria and moss in the tube.



Galvanized tube and aluminum alloy triangle are optional.



Round water pipe



Plasson type, Aluminum alloy support, more corrosion-resistant. Round water pipe, smooth water flow, snap-in type installation, convenient and fast. The nipple is improved double-sealed cone nipple, the effect is better. Hollow designed water cup is more stable.

Ventilation fan



Good air environment is the basis for successful farming. Good environment can ensure the health of chickens. Wanqing will provide the most suitable poultry house ventilation system according to your climate of different regions, structures, layouts and requirements.

Box Fan



Applicable to shorter chicken house or areas with air drying or moderate. 24" & 36" fans are used for ventilation to provide fresh air to the poultry house. 50" fans equipped with cooling pads to cool the house (House length ≤ 100 meters).

Model	Blades Diameter	Blades rotational speed(rpm)	Air flow (m ³ /h)	Noise Decibels (dB)	Input power	Height (mm)	Width (mm)	Thickness (mm)
UBT-750	600 (24in)	960	10600	≤70	370w	750	750	510
UBT-1000	910 (36in)	438	21000	≤65	550w	1000	1000	450
UBT-1380	1270 (50in)	438	44000	≤65	1100w	1380	1380	450

Cone Fan

Applicable to long chicken house or areas with large air humidity. Large air volume, provides higher wind speed, match with cooling pads makes the cooling effect more prominent.

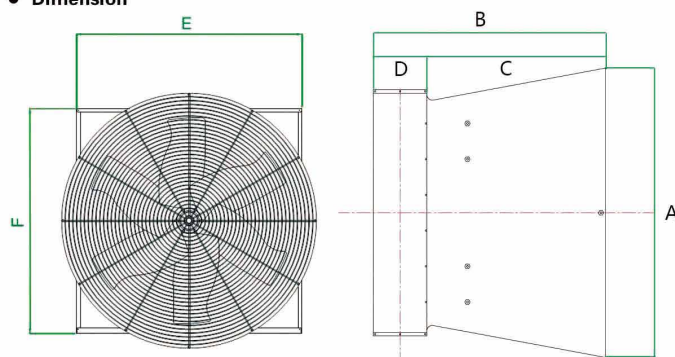


(Double-door Open)

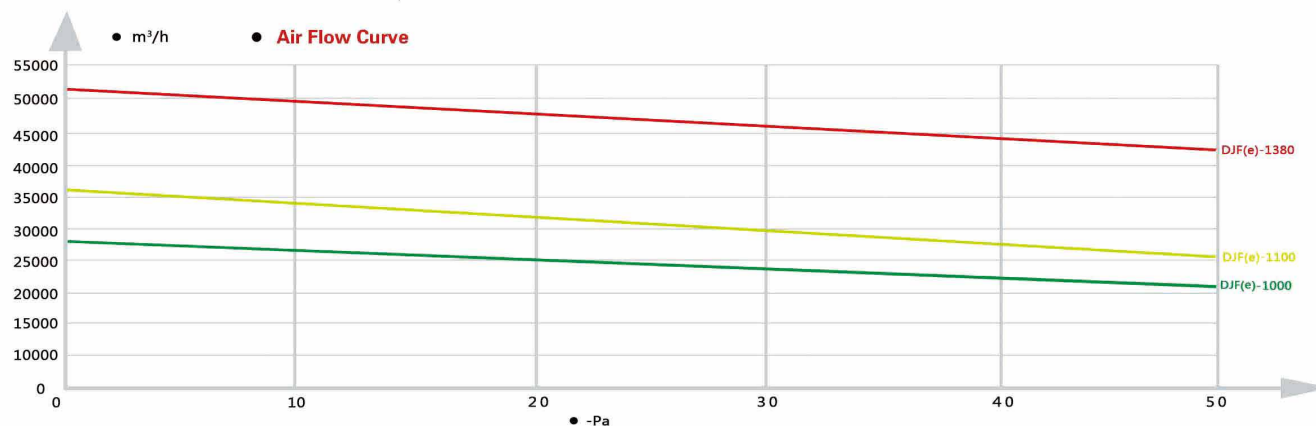


(Shutter Opening)

• Dimension

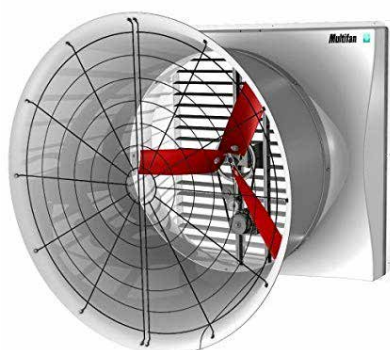


Fan model	Noise	Dimension (mm)					
	at 7 m distance	A	B	C	D	E	F
DJF(e)-1000(36°)	68	1150	1160	760	300	1000	1000
DJF(e)-1100(40°)	69	1300	1150	850	300	1100	1100
DJF(e)-1380(50°)	59	1600	1300	1000	300	1380	1380

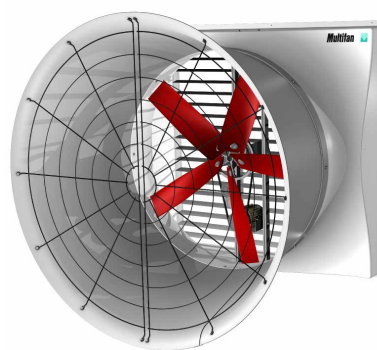


Fiberglass Cone Fan

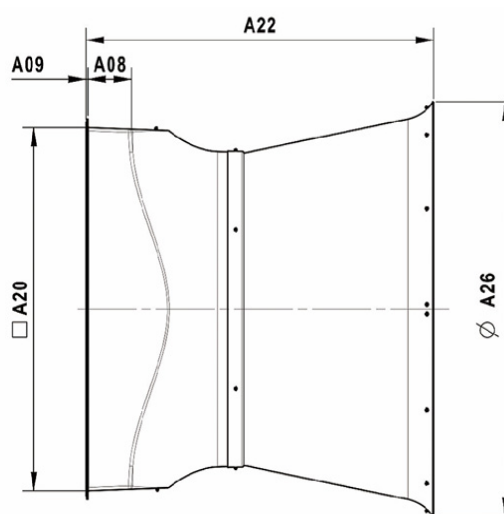
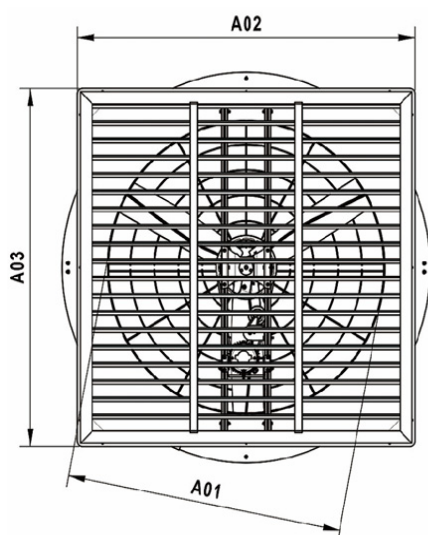
Applicable to long chicken house or areas with large air humidity. Large air volume, provides higher wind speed, match with cooling pads makes the cooling effect more prominent. Fiberglass shell, better anti-corrosion effect, longer service life.



Three fan blades



Six fan blades



Dimensions (mm)								
Ø (inch)	A01	A02	A03	A08	A09	A20	A22	A26
18	450	545	545	140	4	545	900	545
24	600	790	790	140	4	710	1000	730
36	926	1250	1250	200	4	1150	1220	1100
50	1280	1520	1520	200	6	1430	1320	1500
54	1380	1690	1690	205	6	1610	1445	1680

Cooling pad



Use new material and advanced space crossing linking technology, high absorbability, high water-resistant, anti-mildew and long service life

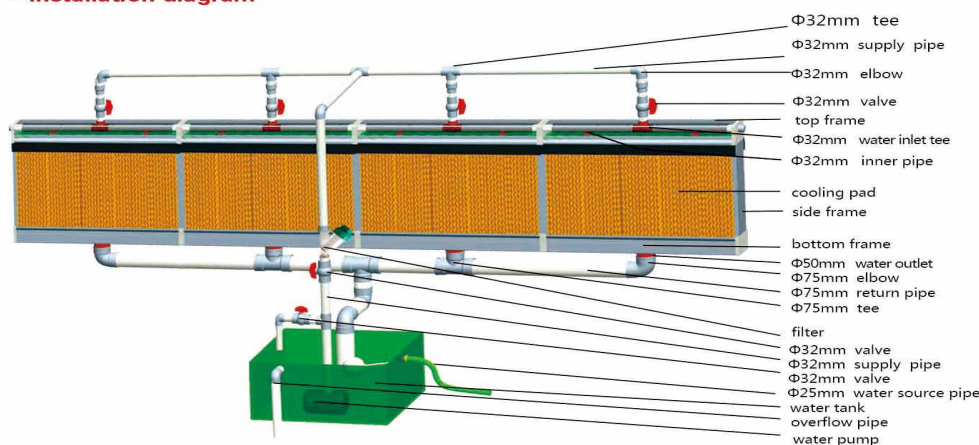
The product contains surface active agent, natural water absorbability, fast pervasion speed, lasting effectiveness. A drop of water can diffuse in 4-5 seconds.

Height of absorb: 60-70mm/5 minutes, 200mm/1.5 hours, achieving international standard.

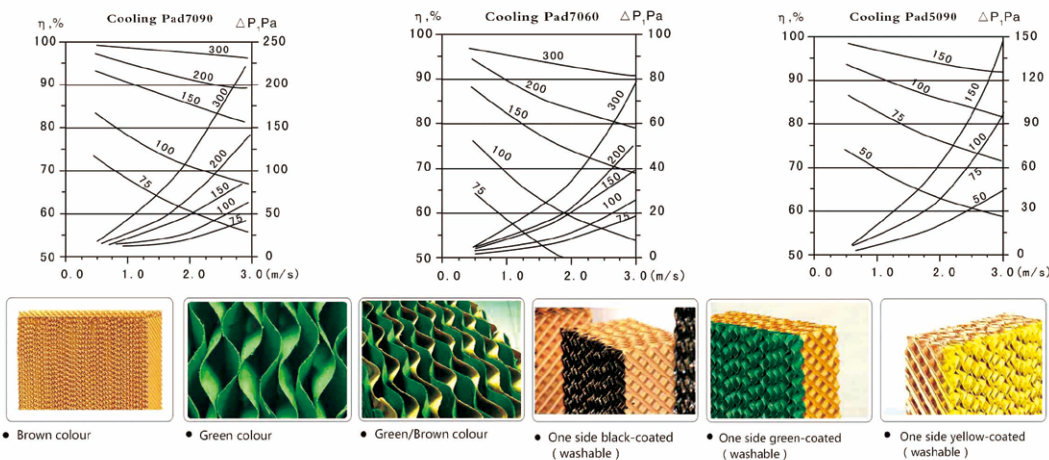
Strict production as per standard, width of 600mm cooling pad involves 85 sheets; raw material adopts imported kraft paper(100g/ m^2 , thickness:0.18-0.20mm, tension resistance at 70N, absorbability height as 45mm/10min, moisture at 5-8%, humidity at 18N).

Products don't contain Phenol or any other chemical substances which easily makes skin allergy. Non-toxic and harmless to human body during installation and using. Safety, energy saving, environmental protection and economic applicable.

• Installation diagram



• Performance Curve of cooling pad



Air-inlet



High quality engineering material ABS production, high strength, strong anti-aging, can be directly cleaned with high pressure cleaner.

The air inlet window panel contains 20mm thick insulation board which has good heat preservation and sealing effect.

Spoilers is set on both sides of the window panel, and the deflector is installed on the upper side of the window to stabilize the flow of air. The chicken house at any negative pressure can let the outside air reach the center of the poultry house smoothly, which can provide sufficient oxygen to the chicken house without causing too much fluctuation in the temperature of the house.

Curtain



Up and down type curtains, better control poultry house temperature and reduced cold stress.

Peripheral anti-sway system, better sealing and overall stability.

The curtains are supported by galvanized pipes and are equipped with curtain clips for smoother lifting and better flatness.

PVC (around 500g) and PE woven fabrics, two kinds of curtain fabrics for you to choose.

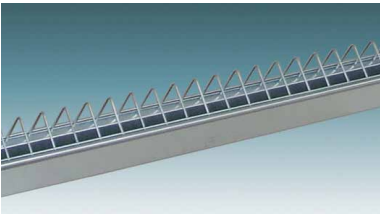
Breeder feeding system



Breeder chain feeding line: the feeding speed is fast, up to 36m/min, the feeding ability is high, 2T/h, reduce hens' eating problems, feeding more uniform, more efficient.



Hardened chain track, cast steel runner, more wear-resistant, longer service life, self-lubricating nylon sleeve, less resistance, smoother use.



275g Galvanized sheet trough, more corrosion-resistant, 40mm spacing limit to ensure a feeding capacity of 13 birds/ m.



Heat-treated alloy steel drive wheel has stable driving, good wear resistance and long service life. The chain is imported from South Africa.



Made from high-quality hot-dip galvanized sheet is bent and installed, no solder joints, good anti-rust effect, artificial meadow can be installed inside, pedals are made of PVC and logs, customers can choose freely according to their local climate conditions and needs.

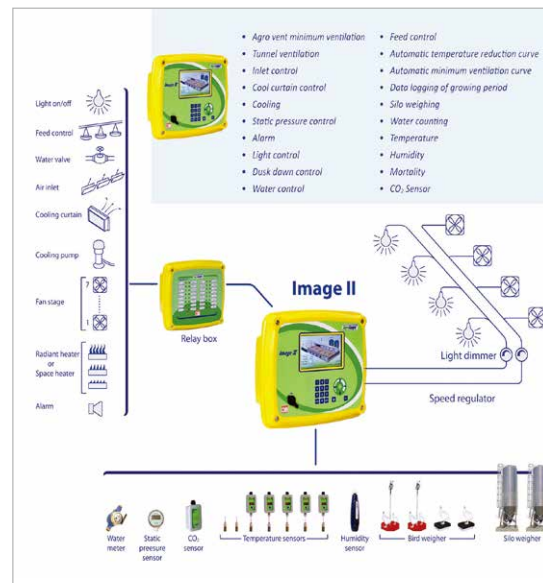
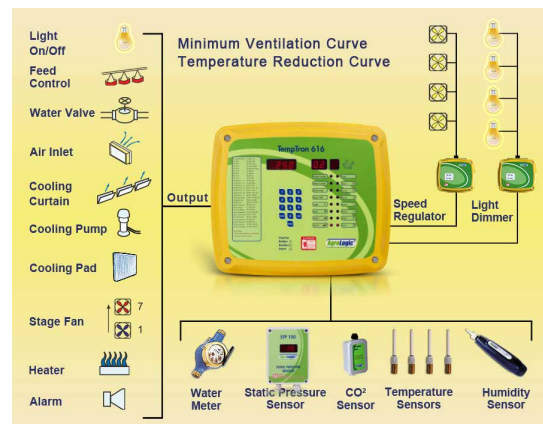
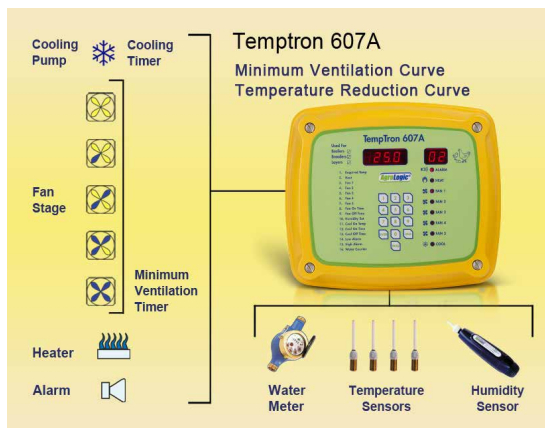
Environment controller



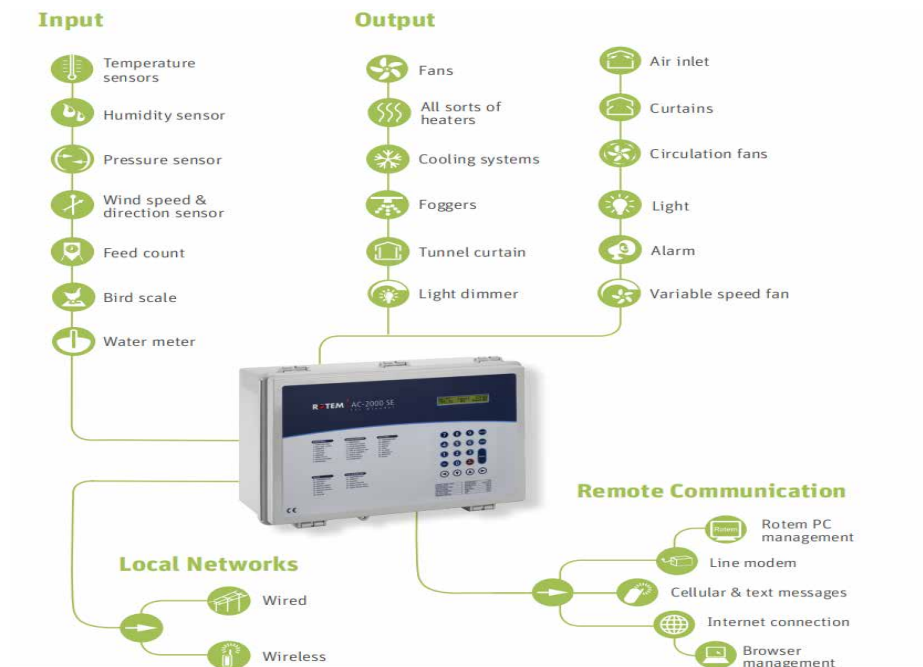
The healthy growth of poultry is inseparable from an environment with good air quality, comfortable temperature and suitable humidity. The good poultry house environment cannot be separated from one set of environmental controllers with high reliability and reasonable design.

Our environment controllers are Agrologic series controllers imported from Israel and Rotem AC2000 Series controllers are optional.

Agrologic



Rotem AC2000



Control box

All the control cabinets are designed according to customer's requirements and wired according to the actual load situation, beautiful in appearance, practical and reliable .



Market





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