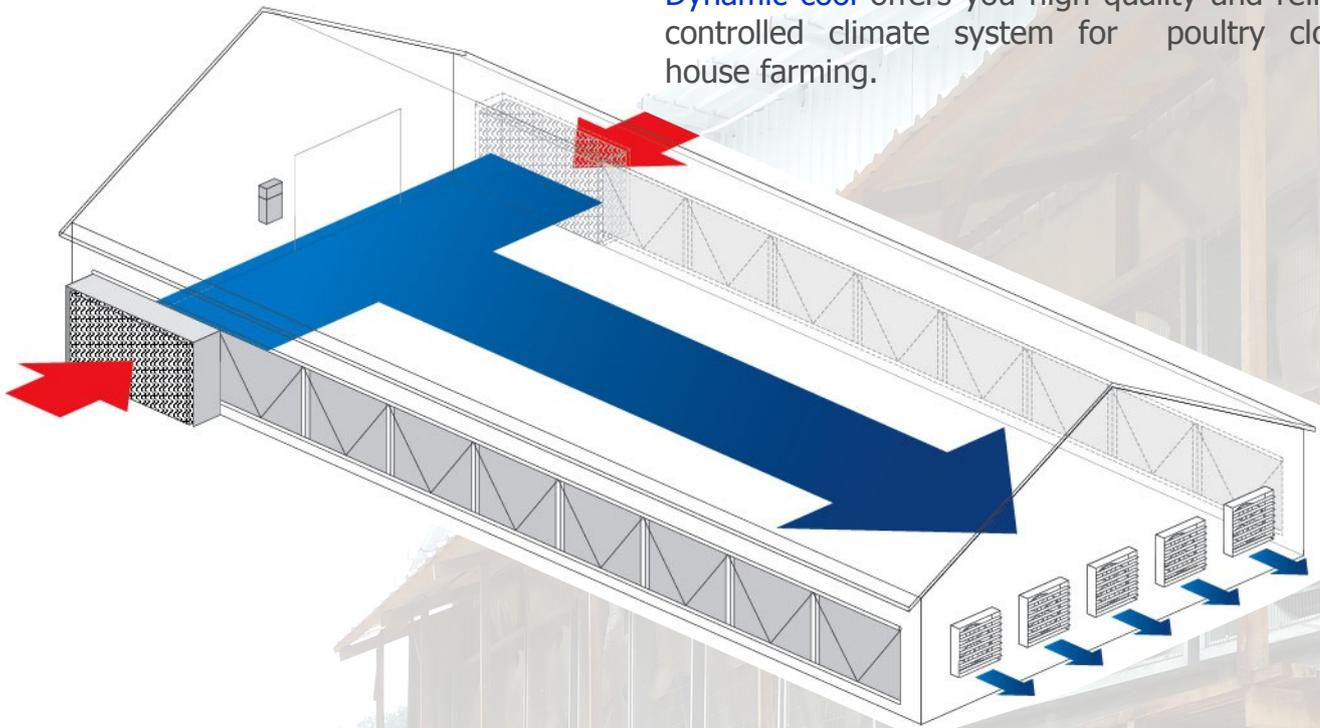


Dynamic cool offers you high quality and reliable controlled climate system for poultry closed house farming.



**Evaporative Cooling System**



**Ventilation System**



**Climate Control System**



**Drop Curtain System**



## 50" High performance Cone Fan

- Designed for optimum efficiency with high performance operation which capable of delivering approximately 30,000 CFM.
- Combination of blade-venturi-motor design factors make the fan runs at the best CFM/watt output.
- Stainless steel 3-blades are well balanced for long lasting operation.
- Heavy duty 3 phase motor 50hz or 60hz with various running voltage.
- Frame and housing are made of heavy gauge galvanized steel.
- Slant wall design improved water drainage and reduced rain intrusion.



- Energy efficiency motor with auto belt tensioner reduces maintenance and always keep consistent air flow.
- High quality industrial grade pillow block bearing are self aligning and low maintenance.



- PVC wind lift shutter is made of durable and corrosion free material.
- Can be detached easily for washing.

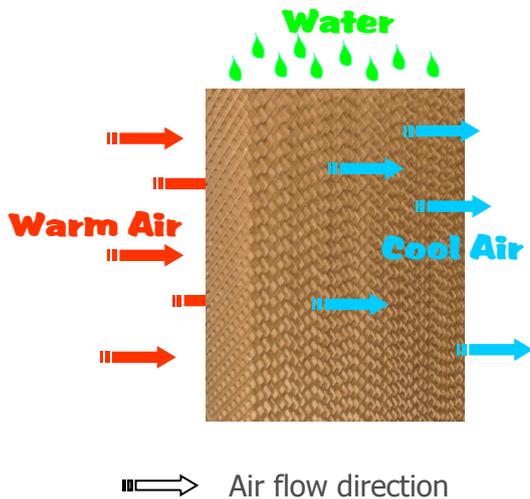


## 50" High quality Box Fan

- Engineered for maximum efficiency with high performance operation which capable of delivering approximately 25,000 CFM.
- Combination of blade-venturi-motor design factors make the fan runs at the best CFM/watt output.
- Stainless steel 6-blades are well balanced for low noise.
- Heavy duty motor 3 phase 50hz or 60hz with various running voltage.
- Frame and housing are made of heavy gauge galvanized steel.
- Shutter is made of galvanized steel which can be closed tightly when fan is idling. And when fan is in running stage it can be opened fully without obstructing the air-flow.
- Fan hub and v-pulley are made of die cast aluminum.



## This is how evaporative cooling works



Dynamic Cool evaporative cooling pad is made of highest quality cellulose rigid media, impregnated with corrosion resistant and wetting additives to achieve maximum durability and high cooling performance. The unique structural design gives strong self-support, low maintenance and low pressure drop characteristics.

Evaporative pad cooling system is widely used in greenhouse and livestock industries to bring down room temperature in hot climate and has been proven to be the most economical, effective and eco friendly method.

Various sizes and dimensions can be produced for various applications according to different requirements. Saturation efficiency up to 95% have been successfully achieved with proper design of air flow speed and cooling pad sizes.

## Why **Dynamic Cool** Pads ?

- **Maximum** water saturation.
- **Stronger** self-support strength.
- **Best** corrosion resistant resin.
- **More** cooling media per M<sup>3</sup>.

## Evaporative cooling system



Cooling pads are framed by high quality stainless steel housing and trough. The submersible pump equipped with safety valve keeps consistent water deliver to the distribution pipe and wets the pads. Unevaporative water will then returns back to the water storage tank.

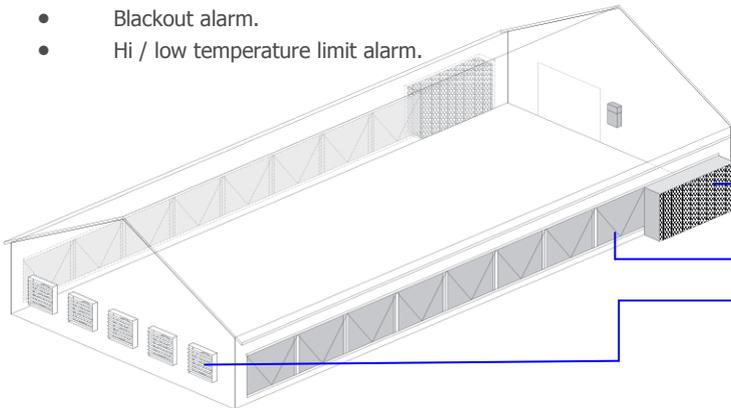
Our unique design of the rust proof plastic bracket and lock key keep the pads secure in the top frames firm and tight. By unlock the plastic keys the stainless steel front-top frame can be opened easily for maintenance.

Model	Specification	
	7090	5090
Height H (mm)	1500, 1800, 2000	900, 1800
Width W (mm)	300, 600	300, 600
Thickness T (mm)	50, 100, 150	50, 100, 150
Curve height h (mm)	7	5
a <sup>0</sup>	45	45
b <sup>0</sup>	45	45



**Smart climate controller DC 803 a**

- 3 preset On/Off configuration.
- 4 Fan ON/OFF dry output.
- 2 Fan/Heater ON/OFF dry output.
- 1 Cooling ON/OFF dry output.
- 1 alarm ON/OFF dry output.
- Minimum ventilation ON/OFF timer.
- Cooling ON/OFF timer.
- Temperature curve option.
- Tunnel ventilation/ Side ventilation control.
- Blackout alarm.
- Hi / low temperature limit alarm.



**Control panel configuration :**

- Tunnel fan control.
- Cooling pad pump control.
- Fan motor earth leakage breaker.
- Pump earth leakage breaker.
- Curtain Controller earth leakage breaker
- Motor overload alarm.
- Surge protector.
- Phase monitoring.
- High-Low Temperature alarm.
- Auto-Off-Manual selector.
- Temperature dependent working.
- Time dependent working.
- Alarm indicator.
- Weather proof casing with window.

**Mechanical Thermostat T15-WD**

- Single phase switch ON/OFF at a set temperature.
- Temperature control for heating, ventilation or cooling at one single stage.
- Can set as temperature alarm.
- Simple and easy to use.
- Reliable yet affordable.



**Emergency drop curtain controller**

- Controller will drop the side curtain of the closed house within 5 mins if the ventilation system fail to operate.
- Power supply connected from Fan Control Panel for emergency protection.
- Operation voltage : 240V.
- This is a simple but important backup device that needs regular inspection to make sure it is in working condition at all time during production period.



Dealer

