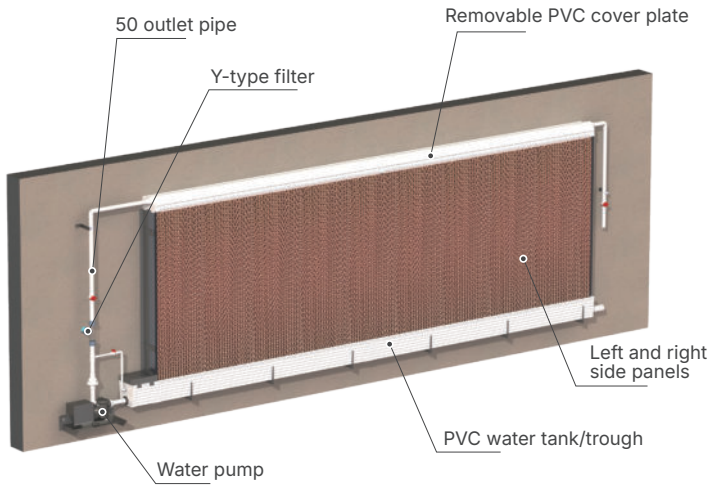


EVAPORATIVE COOLING SYSTEM | INLET



Features of Integrated Evaporative Cooling System

- Built-in integrated water tank eliminates the need for additional water curtain pools, reducing costs;
- The water tank is made of thickened PVC material, offering anti-aging properties and a long service life;
- Built-in integrated water tank eliminates the need for additional water curtain pools, reducing costs;
- Equipped with an automatic water replenishment function to prevent dry operation of the water curtain;
- A drainage outlet at the bottom of the tank allows easy discharge of wastewater with no residue;
- The water pump is configured with top domestic brands, guaranteeing reliable quality.



Integrated Cooling Pad Parameter Configuration

Water Pump Model	Rated Power	Maximum Flow Rate	Maximum Head (Or Maximum Lift)	Wet Pad Length
STP50	0.37kw	12.6m³/h	11m	0-6m
STP75	0.55kw	14.4m³/h	10.5m	6-12m
STP100	0.75kw	16.5m³/h	11m	12-15m
STP120	0.9kw	18m³/h	13m	15-18m



- Ammonia, hot air, and other gases accumulate in the upper part of the pig house, facilitating their exhaust;
- Materials available include PE/PVC, with weights of 200g/m² and 500g/m² respectively;
- The top-to-bottom opening method helps reduce cold drafts directly hitting the pigs, minimizing cold stress;
- Drive options include manual and electric; features superior UV resistance and a long service life;
- The recommended maximum length for top-open curtains is 20 meters.



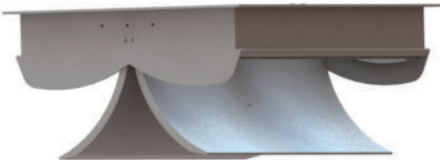
- Customizable dimensions to meet design requirements.
- Made of sunlight (polycarbonate) panels with excellent thermal insulation (superior to sliding curtains).
- Sealing strips between adjustable upper and lower panels ensure high airtightness.
- Manual, electric, or hybrid (manual/electric) operation for opening/closing.
- Louver blades guide airflow upward to the ceiling, reducing cold stress on pigs.

Self Balancing Air Intake Window



- The automatic balancing vent can adjust the size of the air inlet according to the number of fans in operation, without the need for electric or manual control.

Roof Double Opening Ventilation Window



- Made of engineered ABS plastic and PVC steel-plastic materials, it features corrosion resistance, anti-aging properties, deformation-free durability, tight sealing, and smooth opening and closing. Additionally, it offer double-layer insulation, making it the ideal choice for ceiling ventilation.

Sidewall Air Intake Vent



- Made of high-quality engineering plastic through injection molding, offering greater density for enhanced durability; features a pulley-guided design for damper adjustment, effectively reducing resistance.

Sliding Curtain



- Dimensions can be customized according to design requirements;
- The curtain panels are made of PVC or polycarbonate sheets, providing strong insulation;
- Both sides adopt a guide rail structure for smooth vertical sliding, ensuring excellent sealing performance;
- The opening mechanism operates from top to bottom, facilitating exhaust gas discharge and reducing cold stress;
- Available in manual, electric, or manual-electric hybrid operation modes;
- The perimeter of the opening is sealed with PVC rubber material, minimizing air leakage and enhancing sealing performance.