追求绿色科技 缔造健康生活
Pursuing Green Technology Creating a Healthy Life

创新才能不断突破
不断追求技术创新，突破自我界限。
提升产品性能 为客户带来更环保 更节能 更高效的解决方案。
推动绿色科技的发展。

努力成就卓越品质
严谨的品质意识 不懈的努力与追求
在您看得见和看不见的地方，我们都在用心。
全力为您缔造更安全 更健康的绿色生活空间。

Innovation Can Break Through Continuously
Continuous pursuit of technological innovation, break through self-boundaries.
Improve product performance to bring customers more environmentally friendly, more energy-saving and more efficient solutions.
Promote the development of green science and technology.

Strive To Achieve Excellent Quality
Strict quality consciousness, unremitting efforts and pursuit.
Where you can see and can’t see, we are all concerned.
Make every effort to create a safer and healthier green living space for you.
安装周期短
Short Installation Cycle
布风管安装速度是铁皮风管的10倍
Fabric duct installation speed is 10 times faster than metal duct.

耗能低
Low Energy Consumption
环境温度每降1°C空调系统节能8-10%左右。
布风管系统设计采用逆向思维，迭代计算技术，计算机模拟技术，使气流组织更有效分布。

8-10%
8-10 Percent
The energy saving of air conditioning system is about 8-10% when the ambient temperature drops by 1 degree.
The design of air distribution pipe system adopts reverse thinking and iterative computing technology.
Computer simulation technology makes air distribution more effective.

20%
Twenty Percent
面料采用阻燃纱线经过特殊织布工艺，耐燃性提高20%左右。
Fabrics are made of flame-retardant yarn fibers through special weaving Process, flame retardancy increased by about 20%.

阻燃技术
Flame Retardant Technology

总投资低
Total Investment is Low.
每平米单价布风管只是铁皮风管的60%。
维护成本更低：维护成本只是铁皮风管的10%左右。
布风管系统=铁皮风管*保温*散流器+……
CFD 领先的流体模拟技术
Computational Fluid Dynamics
运用CFD软件对流场进行分析、计算、预测，通过分析显示发生在流场中的现象。在较短的时间内预测性能和通过改变各种参数达到最佳的设计效果。

AI 永久阻燃技术
Permanent Flame Retardant Technology
采用新一代纤维阻燃技术，使无机分子晶格在粘胶纤维有机大分子中以络合状态或以互穿网络状态存在，形成永久阻燃纤维，进而制造永久阻燃面料，无论水洗多少次，其阻燃功效不会改变。

CAFCL 最专业的气流组织实验室
Control Air Flow Lab
空气气流组织实验室，是为研究气流在房间内流动和空气通过风管进入工作区域及排出空气的动态过程及其扩散特性，从而为风管系统的设计提供重要的参数。

BIM 模块化建模拼接风管
Building Information Modeling
BIM 模块化建模拼接风管是建立在建筑信息模型的基础上，通过数字化模型来模拟建筑物所具有的基本信息。它具有信息完整性、信息关联性、信息一致性的可视化、协调性、精确性、优化性和可分析性等八大特点。艾迪斯BIM团队和大型项目进行无缝对接，保证设计的准确性和快速性。

AFD 最先进的软件设计系统
Aedis Fabric Duct Design
自主研发的气流组织设计，安装、生产、质量控制、客户跟踪等软件设计系统采用逆向思维从客户需求出发（工作区域的温度、湿度、末级控制的要求）采用CFD流动科学计算方法使艾迪斯布风的设计、生产更加优化，使得风管的风量及效率达到95%以上。

For the fabric duct design, production, installation, quality control and customer tracking, a software design system was independently developed. It uses reverse thinking from customer needs (requirements for temperature, humidity and terminal velocity in the working area) and uses CFD iteration science calculation method to make Aedis duct design and production more precise and faster, and makes the use efficiency of fan air volume over 95%.
采用迭代计算方法
Iterative calculation method

运用逆向思维设计思路，从客户需求出发
Using reverse thinking design thinking, starting from customer needs

运用流体计算方程，回归流体力学原理
Regression of Fluid Dynamics Principle by Using Fluid Computing Equation

采用JAVA计算机语言，可视化界面
Using JAVA Computer Language to Visualize Interface

拥有工程预算、系统设计、生产管理、售后服务四大功能
It has four functions: project budget, system design, production management and after-sales management.

AEDIS CAFL CONTROL AIR FLOW LAB

烟雾演示气流组织走向设备
Smoke Demonstration Equipment for Air Distribution

强大的流体动力学理论支持
Strong theoretical support of hydrodynamics

先进的数据采集仪器
Advanced Data Acquisition Instruments

试验数据后处理能力
Postprocessing Ability of Test Data

气流组织优化体系
AIR DISTRIBUTION OPTIMIZATION SYSTEM

空气流体控制实验室，是为研究气体在布风管内部的流动和气体通过布风管射流进入空间到排出大气整个流程的规律以及动力参数的计算方法，从而为布风管系统的设计提供重要的数据
Air flow control lab is designed to study the air flow in fabric duct, and to study the rule of whole process from air injecting into the space through fabric duct to air exhausting to open air, and to study calculation method of dynamic parameters. It will provide important data for design of fabric duct system.
拥有专业CFD团队
Have a professional CFD team

数值模拟：采用CFX、FLUENT、ICEM-CFD进行几何建模和计算
Numerical simulation: using CFX, FLUENT, ICEM-CFD for geometric modeling and calculation

采用高性能计算机或云计算平台对整个空间进行气流模拟
Using high performance computer or cloud computing platform to simulate airflow in the whole space

深度研究热源位置、回风口位置、建筑结构对气流组织的影响
In-depth study on the influence of heat source location, return air outlet location and building structure on air distribution

深度研究布风管关键零部件的设计对气流输送的影响
In-depth study on the influence of the design of key components of air distribution pipe on airflow conveyance

纤维的阻燃处理是对一些本身是可燃的原丝(如涤纶、棉、腈纶)加入某种阻燃剂使其抑制燃烧过程中的游离基，改变纤维的热分解过程，促进脱水炭化有些则是使阻燃剂分解释放出不燃气体覆盖在纤维表面，起隔绝空气作用。

The flame retardant treatment of fibers is to add some flame retardant to some flammable raw fibers (such as polyester, cotton, acrylic) to inhibit the free radicals in the combustion process, change the thermal decomposition process of the fibers, and promote dehydration and carbonization. Another method is, the flame retardant is decomposed into a non-combustible gas to cover the surface of the fiber, thereby functioning to block the air.
完善的质量管理体系和标准体系
PERFECT QUALITY MANAGEMENT SYSTEM AND STANDARD SYSTEM

原材料保证
1. 国内和国际专业认证的NFT, SGS检测
2. 承诺采用优质纺织材料
3. 通过严格的检测合格实验，确保产品的质量

设计保证
AFD 布纹智能设计系统
CAFL 坚固的风技术数据处理系统
CFD 专业的流体模拟系统

加工保证
大型激光自动生产线，保证其下料尺寸偏差+0.1mm
专业技术人员操作，打造的品质从每一针每一线开始

服务保证
完善的售后服务体系
限时提供24小时送货服务，免除您的后顾之忧

Perfect after-sales service system
Guarantee 24-hour after-sales service at any time and anywhere to relieve your worries

极严制的加工工艺
EXTREMELY STRICT PROCESSING TECHNOLOGY
**Lsox系列**
照明纤维织物风管系统
根据空气动力学采用置换气流组织形式带有照明功能的纤维织物风管系统，对于美观度要求极高的场所采用这种产品，不仅可以送风，而且呈现出美丽的灯带，多数采用渗透出风方式。

**Lsox SERIES**
Air Duct System With Lighting Fabric
According to aerodynamics, a fibre fabric air duct system with lighting function is adopted in the form of displacement air distribution. This product can not only supply air, but also present beautiful lights in places with high aesthetic requirements. Most of them adopt the way of permeable outflow.

**Aedis-M系列**
工业用纤维织物风管系统
M系列织物风管采用微渗透核心技术，通过AFD计算纤维材料的渗透率并精确设计开孔来跟空调系统相结合地进行出风。根据风管层高和末端风速要求，根据流体方程迭代计算思路设计。是行业设计先进的织物系统产品，适合大部分的不吊顶的领域。

**Aedis-M SERIES**
Industrial Use Fabric Ducts
M series fabric ducts adopt micro-permeable core technology, calculate the permeability of fiber material by AFD system, and design the hole opening accurately to exhaust the air by integrating with air conditioning system. According to the duct height and duct end velocity requirement, it is designed based on fluid equation iterative calculation. It is the product of advanced fabric system in industry and suitable for most areas without ceiling.

**SFsox系列**
教室新风纤维织物风管系统
根据空气动力学采用射流+置换气流组织形式根据教室新风特征，Aedis开发的，专为新风设备匹配的纤维织物风管系统，具有安全，环保，无噪音，安装快捷方便，日后维护方便，美观的柔性纤维风管系统。

**SFsox SERIES**
Fabric Ducts for Classroom Fresh Air System
According to the characteristics of fresh air in classroom, Aedis specially developed the fabric duct to match with fresh air system in forms of jet+ replacement air flow. It has advantages as safe, environmentally friendly, no noise and fast installation and easy maintenance.
**HPsox系列**
带有保温功能的纤维织物风管系统
保温风管是运用保温PE冷粘技术，将绝热材料与纤维织物完美融合在一起，生产出来的纤维织物保温系统，用于空调通风系统各领域传输管道，并通过连接传统散流器，风口，织物风管出风等，适合暗装和传输距离较远的风管。

**ASsox系列**
带有支撑的均速纤维织物风管系统
ASsox带有支撑的圆型纤维织物风管系统，是支撑风管升级版，拥有专利设计技术，采用特殊的阻燃材料制成的均匀纤维织物支撑风管系统。形状如同梭型，无极渐变，它在不通风状态下不仅保持完美圆管形状，出风更加均匀，呈现出最美观的纤维织物风管系统，适合高档的公共区域。

**SUsox系列**
带有支撑的纤维织物风管系统
SUsox带有支撑的纤维织物风管系统，拥有专利支撑结构技术，采用特殊的阻燃材料制成的纤维织物支撑风管系统。它在不通风状态下保持完美圆管形状，呈现出最美观的纤维织物风管系统，适合高档的公共区域。

**HPsox SERIES**
Fabric Ducts With Thermal Insulation Function
Thermal insulation fabric duct is made by blending the insulating material and fabric material perfectly together, using thermal insulation PE cold sticking technology. This kind of fabric ducts can be used in every field of HVAC ducting. It is suitable for hidden installation and long distance transmission.
### 柔性纤维布风管——出风方式
Flexible Fabric Duct-Air Outlet Mode

根据项目需求：应用领域、层高要求、吊顶形式，客户的需求而选择风管的形状

According to the requirements of the project: application field, floor height requirement, ceiling form and customer's requirement, choose the shape of air duct.

### 柔性纤维布风管——织物面料
Flexible Fabric Duct-Fabric Material

**A**I---永久阻燃布料 / A**I**---Permanent Flame Retardant Fabric

艾迪斯纤维布风管永久阻燃面料采用第一代纤维阻燃材料的永久阻燃纤维，真正做到永久阻燃，不会因材料使用、洗涤与老化而减弱，耐温等级达到GB 8624-2006 B1级的所有国际认可标准要求。

**A**I**B**---抗菌系列 / A**I**B---Antibacterial Series

艾迪斯纤维布风管抗菌面料是在永久阻燃基础上加上抗菌功能，由永久阻燃纤维和特殊抗菌纤维纺织而成。在永久阻燃的基础上能够有效抑制常见细菌的繁殖（如生物，细菌，病毒）增长，从而抑制疾病的产生与传播，产品被广泛应用于食品、药品、医院、实验室等场所。

**A**I**I**---静电系列 / A**I**I---Antistatic Series

艾迪斯纤维布风管静电系列是在永久阻燃基础上加上抗静电功能，专用涂层长丝与高性能永久性导电纤维经特殊工艺纺纱、经纱及染色加工，能够有效阻止静电的产生与危害，以及防止照明等电器，产品被广泛应用在医疗、制药、食品、精密仪器、航空航天等对静电敏感和对洁净度要求较高的行业。

### 柔性纤维布风管——风管形状
Flexible Fabric Duct-Shape of Ducts

- 圆形风管（标准配置）
  - Bounded shape
  - Double Row Cable Installation
- 上入口半圆形风管
  - Upper entrance semicircular
  - Installation of slideway cables
- 矩形风管（专利技术）
  - Rectangular shape (patented technology)
  - Double-row slideway installation
- 水平入口半圆形风管
  - Horizontal entrance semicircular
  - Slide rail installation
**Aedis 学校教室新风领域**

**SCHOOL AIR SYSTEM**

**已成功应用多种领域**

IT HAS BEEN SUCCESSFULLY APPLIED IN MANY FIELDS.

**项目一览**

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**Fresh Air in School Classrooms**

根据空气动力学原理，采用横向气流的形式，根据教室新风特征，Aedis开发的，专为新风设备研发的纤维织物风管系统，具有安全、环保、无噪音、安装快捷方便、日间维护方便、无需湿式维护等特点。对于有新风的教室，风管可以在梁下布置也可以在天花板上使用或安装方式。对于涉及气流的教室，风管可以在吊柜下布置。

According to the characteristics of fresh air in classroom, Aedis specially developed the fabric duct to match with fresh air system in forms of jet-replacement air flow. It has advantages as safe, environmentally friendly, noiseless and fast installation and easy maintenance. For classroom with gider, the fabric duct can be laid under the gider or attached to the ceiling by beam crosser. For classrooms without gider, the fabric duct can be arranged under the ceiling.

**学校教室新风领域**

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**学校教室新风领域**

**SCHOOL AIR SYSTEM**

**已成功应用多种领域**

IT HAS BEEN SUCCESSFULLY APPLIED IN MANY FIELDS.
体育场领域

Stadium And Gymnasium Field

艾迪斯设计的体育场馆项目采用了篮球、羽毛球、乒乓球等体育场馆。采用专业软件ADF软件设计，CFD软件进行气流模拟。“气流计算”可以合理地计算及控制气流分布，保证在0.2m/s以下，以免影响比赛成绩。对体育场馆的环境、空气品质的优化、为了不影响运动员的运动状态，这些馆内都设有空气调节设备。艾迪斯的空气调节设备，不仅能够满足观众的舒适度，也可以保障运动员的健康。

体育场领域

Shopping and Entertainment Space

艾迪斯设计的商业场所项目包括购物中心、电影院、酒店等。艾迪斯不仅能够提供设计和施工，还能够提供后期的运营和管理。艾迪斯的商业项目设计，不仅能够满足顾客的需求，也能够提高商业场所的吸引力。

项目一览

List of projects

北京朝阳CBD篮球项目 / 北京朝阳CBD购物中心项目 / 北京朝阳CBD体育场馆 / 北京朝阳CBD体育场馆 / 丹东篮球馆 / 西南九中体育中心 / 西南第一中学体育馆 / 南京工学院体育中心 / 南京体育学院体育中心

Beijing Chaoyang CBD Basketball Sky Event/Beijing Shunyi Basketball Hall Event/Beijing Jianlongsen Club Swimming Hall/Dandong Basketball Gymnasium/Qingdao No.9 Middle School Gymnasium/Qingdao No.1. Middle School Gymnasium/Nanjing City College Gymnasium /Chengdu Aviation Gymnasium Project

Weifang Shangcheng International Supermarket Project

Weifang Shangcheng International Supermarket Project

Lanyungang Ice Sculpture World Project

Shopping mall supermarket project

Changchun Seven Rainbow Children's Entertainment Project

项目一览

List of projects

Changchun Seven Rainbow Children's Entertainment Center Project/Siping Urban Planning Hall Project/Open Source Underground Commercial Street Project/Weifang Shangcheng International Supermarket Project/Open Source Underground Commercial Street Project Shopping Mall/Weifang Shangcheng International Supermarket Project/Lanyungang Ice Sculpture World/Harbin Beautiful Island Greenhouse Tourism Resort
1 精准送风系统（PIG-AIR）热交换+制冷
PRECISION AIR SUPPLY SYSTEM (PIG-AIR) Heat Exchange + Cooling

**精准送风定义**

Precise Definition Of Air Supply

精准送风就是将设备送出的处理过的风，通过可控制的风速送到猪鼻子的呼气区域，最大程度地利用设备送出的热量和风量，与猪的呼气的热量进行交换，通过一定的风速吹开污染气体，有效防止猪本身出现高温或呼吸道疾病的发生，以降低设备无效部分的功率，达到节能效果。

The precise air supply is to deliver the fresh air after being processed by equipment to the pig nose through a controlled air duct, maximize use of the cooling capacity and air volume to do heat exchange with calorific value breathed out by pig. It blows away the polluted air by certain air speed and avoids pig getting sick. It also reduces power consumption of the ineffective parts of equipment and saves energy.

2 FDS降温系统
FDS Cooling System

**FDS降温系统优势**

Advantages Of FDS Cooling System

向舍内正压送冷风，达到降温的目的。虽然湿帘一风机负压通风系统降温效果较差，但因其对畜禽密闭性和通风管理要求不高，可以应用在密闭性差、结构简单、空间较大的，自动化程度不高的猪舍，具有定点送冷风、局部空间降温的优势，一定程度上提高了养殖人员工作效率。

Air Cooler + Fabric Air Duct System

**Precision Air Supply Characteristics**

① Touching fresh air avoid the breath of warm air, which can lead to pig immune and respiratory disease.

② Using the fabric duct to supply air, it changes the air flow circulation in the pig house. The pig in the house is changed from cool air direct blowing to warm air touching which is after heat exchange. It makes the pig feel more comfortable.

③ Due to the use of ASSOX standard speed duct system of air cool, the uniformity of wind speed near each pig nose can be effectively controlled.

④ Winter and HESSOX heat exchange system match the warm fresh air that pigs can breathe.
3 弥散式送风系统（Dispersion-SOX）

Advantages of Dispersive Air Supply System
1. There is no dead-end air supply, pigsty air supply uniform.
2. Controllable wind speed to ensure the comfort of pigs.
3. Wind speed can fully exchange energy and reduce cold stress.

负压风管和布管系统
1. 负压风管布管：猪舍形成负压腔，空气通过湿帘降温后进入布管内，在通过风管的小孔时到速形成缓速支流，交联合的冷空气通过负压风管抽出舍外，形成气流循环。

Combination of Negative Pressure Fan and Fabric Duct
When the negative pressure fan is started, a negative pressure chamber is formed in the pig house. After cooling by the wet curtain, the air enters the fabric ducts and blows to pig house through the small holes on ducts, and do heat exchange with the house inside air. The dirty air after exchange is exhausted by the negative pressure fan.

In summer, the cooling air can be evenly distributed through the wet curtain. Control the wind speed at the end lets every pig feel the cool breeze with the wind. Closing the wet curtain in winter and excessive season can meet the minimum ventilation rate and distribute fresh air evenly.

夏季可以使用湿帘降温后的冷气均匀的分布，控制风速每个猪舍都可以感受到凉爽的凉风。冬季和过度季节关闭湿帘可以满足最小通风率，均匀分布新鲜空气。

4 动力式弥散式送风系统
Dynamic Dispersive Air Supply System

轴流风机+纤维织物风管系统
1. 轴流风机将外部新风通过正压吸入到舍内
2. 纤维布风管可选择水平或水平偏上方向送风
3. 纤维计算开孔大小、间距，保证舍内新风均匀无死角
4. 猪只因为直接吹到冷风会产生冷应激

Axial Fan + Fabric Duct System
1. Axial fan feeds fresh air outside the building into the building through positive pressure
2. Fiber air duct can be supplied horizontally or horizontally upward
3. Accurate calculation of the size and spacing of openings to ensure uniform fresh air in the building without dead angle
4. Pigs do not suffer from cold stress because they are not blown directly by cold air.

Aedis 猪舍新风领域 Pig House Fresh Air System

山西金牧粮舍 Shanxi Golden Animal Husbandry Pig House

河北新农 Huanshan Group

丰宁项目 Fengning project

温氏集团 Weidong Group

猪舍新风领域 Pig House Fresh Air Field

良牧猪舍新风系统下的猪舍降温系统，妊娠舍新风系统，肥育猪降温系统等多个板块。猪舍降温系统利用创新的负压降温系统，将冷风直接送到猪舍内，同时不影响到猪舍内新风交换，给猪舍降温最理想选择。妊娠舍降温系统将风管设计为负压型降温系统，利用此系统可以达到快速降温及提高冬季猪舍舒适度。

The pig house fresh air system includes several sections such as sow house cooling system, pregnancy house fresh air system, fattening house cooling system and so on. The cooling system in sow house uses innovative jet system, which deliver the cool air generated by air cooler directly to the sow without affecting the piglets ambient temperature. It is the best choice for cooling the sow house. The fabric ducts used in pregnancy house is a diafragm cooling system, which complete the function of cooling downward air supply in summer and ventilating upward fresh air in winter.

项目一览

项目列表

Zhejiang Group Xinjiang Pig Farm/Herdsmen Oriental Hope Pig Farm Project/Yangzhou Jiannong Sow House/Shanxi Jinmu Pig House/Zhejiang Group Fuyu Ecological Pig Farm/Zhejiang Group Harbin Rich Pig Farm/Gural Dabai Agricultural Pig Farm Project/Jiangsu Luhua Fattening House/Tianshao Pig Industry Nanchong Ecological Pig Farm Project/Huanshanbu Liu Pig Farm/Huanshan Rushan Pig Farm/
HESOX纤维管道式热交换系统
HESOX Fabric Duct Heat Exchange System

工作原理
The core device of HESOX system is sensible heat exchange chamber. The dirty air discharged from the house and the fresh air delivered from the outside through heat transfer pipeline to exchange to temperature, ventilation can be achieved. Air also keeps the indoor temperature stable.

鸡舍新风领域
Chicken House Fresh Air Field

四粉新风域
Four Stages of Probiotic Ancestors

益生菌益智项目
Eighteen Projects of Probiotic Qixiau

河北飞鸽大鸡场
Hebei Feiguo Big Chicken Farm

Chicken House Fresh Air Field
HESOX 纤维管道热交换系统用于各种农舍热交换系统，以解决冬季热交换问题。具有速热均匀、气流稳定可控等特点，可以有效解决冬季农舍热交换问题。对于优化家禽的生长环境，以及减少疾病的发生率等，有良好的作用。采用智能化控制工具，可以实现无人值守，通过食物携带减少细菌、病毒等，有效改善鸡舍的舒适度及改善鸡舍的健康等。绿色可循环利用的能源可以大大改善环境，给农户带来丰厚的经济效益。

Power Consumption of Equipment Operation
When using heat exchange ventilation in winter, the whole system uses frequency conversion with time starting step to control the ventilation volume. Only when they finally become fattened hogs, will the equipment run at full load, so as to ensure the safety of the system. It has a good energy-saving effect while meeting the minimum ventilation rate.

HESOX热交换通风量
夏秋采用负压风机加双层的通风方式，保证通风量。过度季节采用通风小通风，冬季采用热交换方式通风，前期采用定时和定频的方式是最大通风量，出栏时所需风量为50000m³/h，热交换的通风量为40000m³/h，完全可以满足各阶段的最小通风量。

HEXSO Heat Exchange Ventilation Volume
In summer, the ventilation mode of negative pressure fan humidifying curtain is adopted to ensure the ventilation volume. Small ventilated windows in transitional season. In winter, heat exchange is adopted for air intake, and in the early stage, timing and frequency conversion are adopted to meet minimum ventilation volume. When they are ready for slaughter, the required fresh air volume is 45,000 m³/h, and the ventilation volume of heat exchange is 40,000 m³/h. It can meet the minimum ventilation rate of each stage.
正压通风系统的基本工作原理

正压通风系统的基本工作原理

正压通风系统的基本工作原理

Basic working principle of positive pressure ventilation system

The clean air outside the house is exchanged by an air intake fan, and the clean air is evenly released in the house through a long ventilation duct with many evenly opened air holes, and exhaust the polluted air from house inside. In cold area, the fresh air fan unit can be used to heat and dry the air, so as to avoid the temperature drop caused by fresh cold air. The system adopts intelligent control system, which can realize unattended monitoring through sensors which can collect parameters like temperature, carbon dioxide concentration and ammonia concentration. If all parameters are within the safe range, the system will stop automatically. Once the data exceeds the standard, the system will start automatically again. It not only greatly reduces the possibility of temperature drop due to over-delivery of cold fresh air, but also keeps the house in a comfortable state. It also reduces labor cost.

牛舍新风领域案例

Fresh Air in Calf House

The purpose of positive pressure ventilation with fabric duct is to transfer outside fresh air into the calf house through a specialized ventilation system, diffuse and exhaust the dirty air in the house. Positive pressure ventilation system consists of an intake fan and long ventilation ducts. The air intake fan is installed at the entry position of calf house with a function of changing the clean air from outside into the house. The long ventilation duct hangs on top of the calf house and its length is almost same as the house length. There are many air holes on the duct to make the clean air escape to the house evenly.

项目一览

List of projects

Continuous improvement of ventilation system in the north of agricultural and animal husbandry, including the ventilation system in the north of pig and cattle housing, the ventilation system in the north of ovine housing, the ventilation system in the north of sheep housing, the ventilation system in the north of poultry housing, the ventilation system in the north of poultry housing, the ventilation system in the north of poultry housing, the ventilation system in the north of poultry housing, the ventilation system in the north of poultry housing, the ventilation system in the north of poultry housing, the ventilation system in the north of poultry housing.