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Industrial Exhaust Emission **Control Solution**

- ·Electrostatic Precipitator (ESP)
- ·Waste Heat Recovery Units
- ·VOCs Adsorption and Solvent Recovery System
- ·and More



About KLEAN



Our Strengths

















Scope of Business

PM 2.5





VOCs Adsorption

Heat Recovery



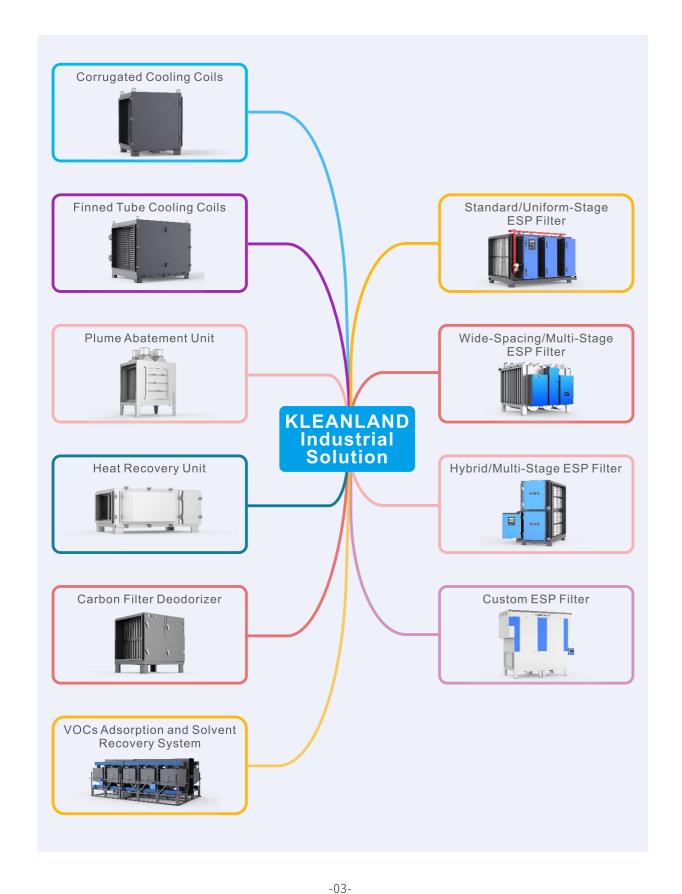




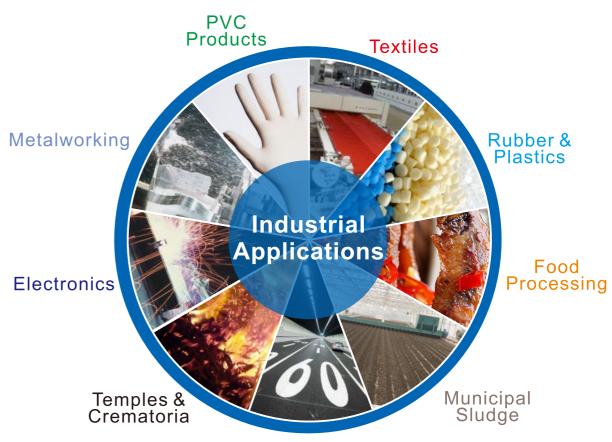
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Product Portfolio



Industrial Applications

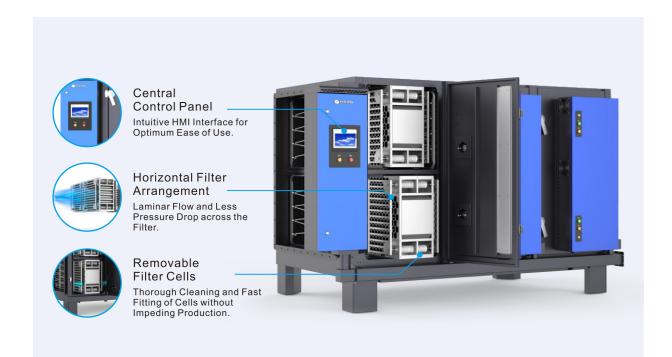


Road Tunnel

Rubber & Plastics	Textiles	Metalworking	Food Processing	Other
Plastics PVC Gloves PVC Wallpaper PVC Artificial Leather PVC Flooring PVC Film PVC Anti-Slip Mat PVC Conveyor Belt PVC Fabric Air Ducting	Heat-setting Stenter Polishing Machine Singeing Machine Printing Machine Chemical Fiber Spinning Polyester Spinning Draw Texturing	CNC Machining Laser Cutting Cold Heading Oil Quenching Welding Die Casting Wire Drawing	Processing Coffee Roasting Fried Potato Chips Hot Pot Seasoning Fried Anchovies Fried Peanuts Fried Instant Noodles Tobacco Baking	PCB Hot Air Solder Leveling Joss Paper Burning at Temples Road Tunnel Ventilation Municipal Sludge Treatment Cremation Furnace
PVC Tarpaulin Plastic Granulation PVC Foaming Oven PVC Coating Line Printing and Embossing Lines				Biomass Boiler

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Standard/Uniform-Stage ESP Filter Reasonable size, suitable for indoor installation. Flexible in sizing and performance retrofitting.













Electrical Sectionalization





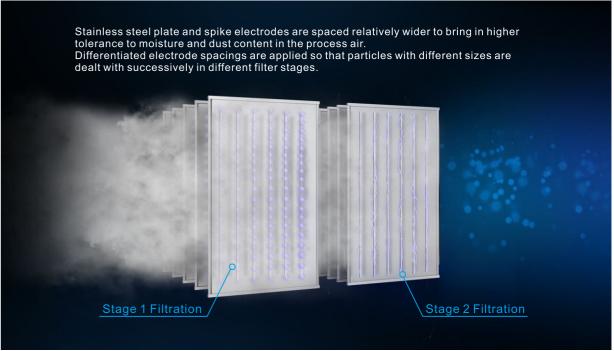




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Wide-Spacing/Multi-Stage ESP Filter Suitable for the treatment of smoke emissions with high content of moisture, wax, lint and dust.



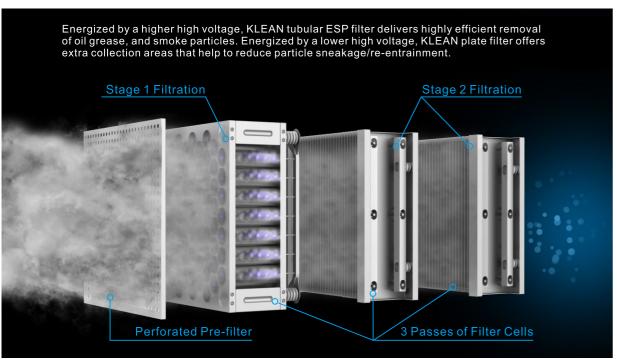


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KLEANLAND[®]

Hybrid/Multi-Stage ESP Filter Ideal for process air with higher flowrate, lower particle concentration, and simpler composition.



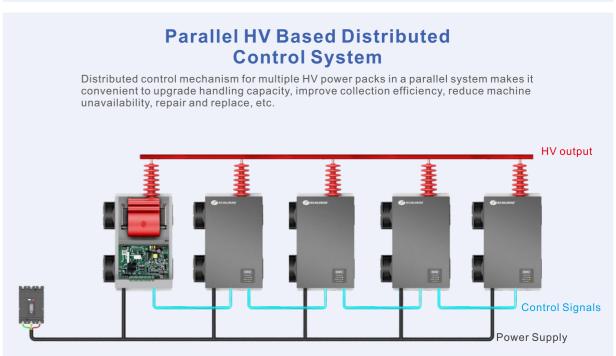


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Power Pack with IoT Capabilities

Self-Contained and smart control units, safe and stable control eco-system.

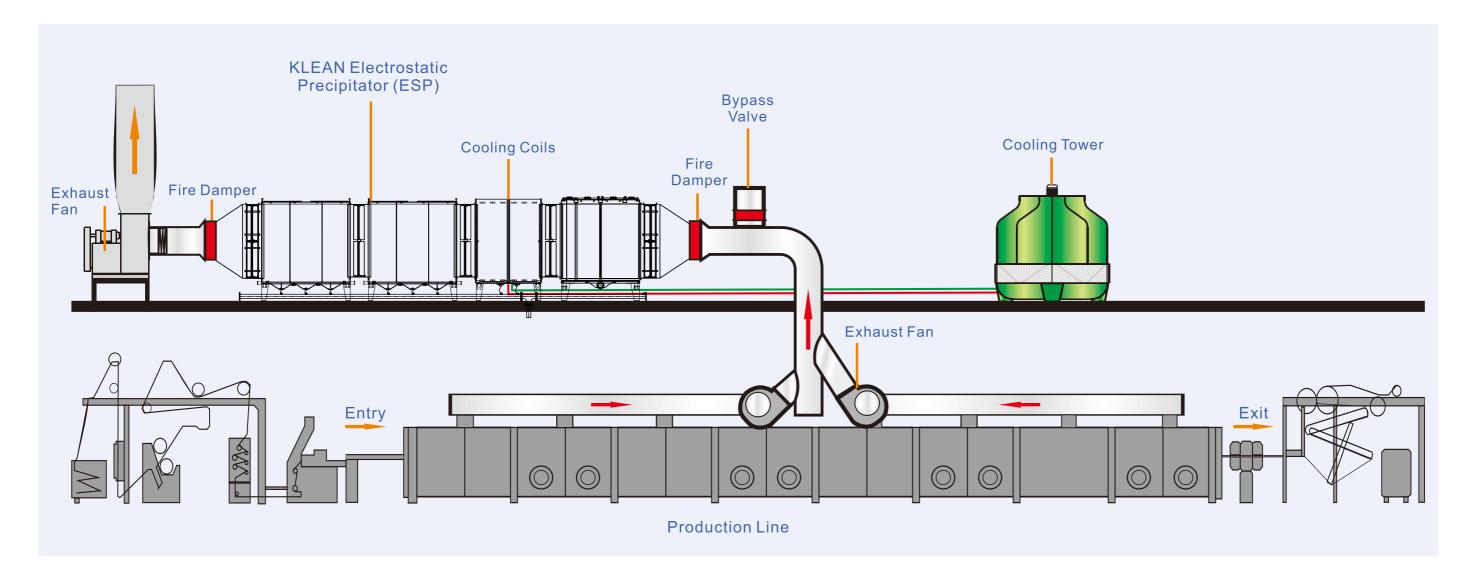




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Typical Filtration System Design

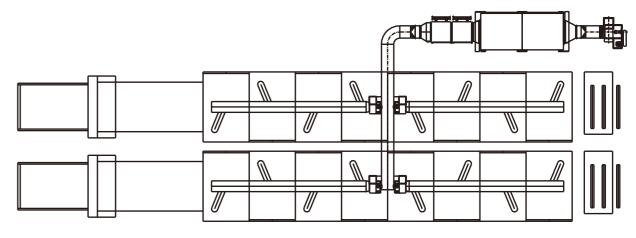


Oil-laden process air emitted from fabric/yarn heat-setting and drying, plasticizer coating, calendaring, dipping and curing, etc contains toxic pollutants that will pollute the environment and directly harm human health.

With KLEAN electrostatic precipitator (ESP) installed in place, up to 95% of the pollutant particles/aerosols/oil droplets are electro-statically charged, attracted to the collection electrodes and separated from the air steam by the application of high voltage inside the filter cells.

Conditioning equipment, such as cooling coils and VOC adsorption and solvent recovery system, may precede or follow the ESP filter to meet different regulatory compliance and customer needs.

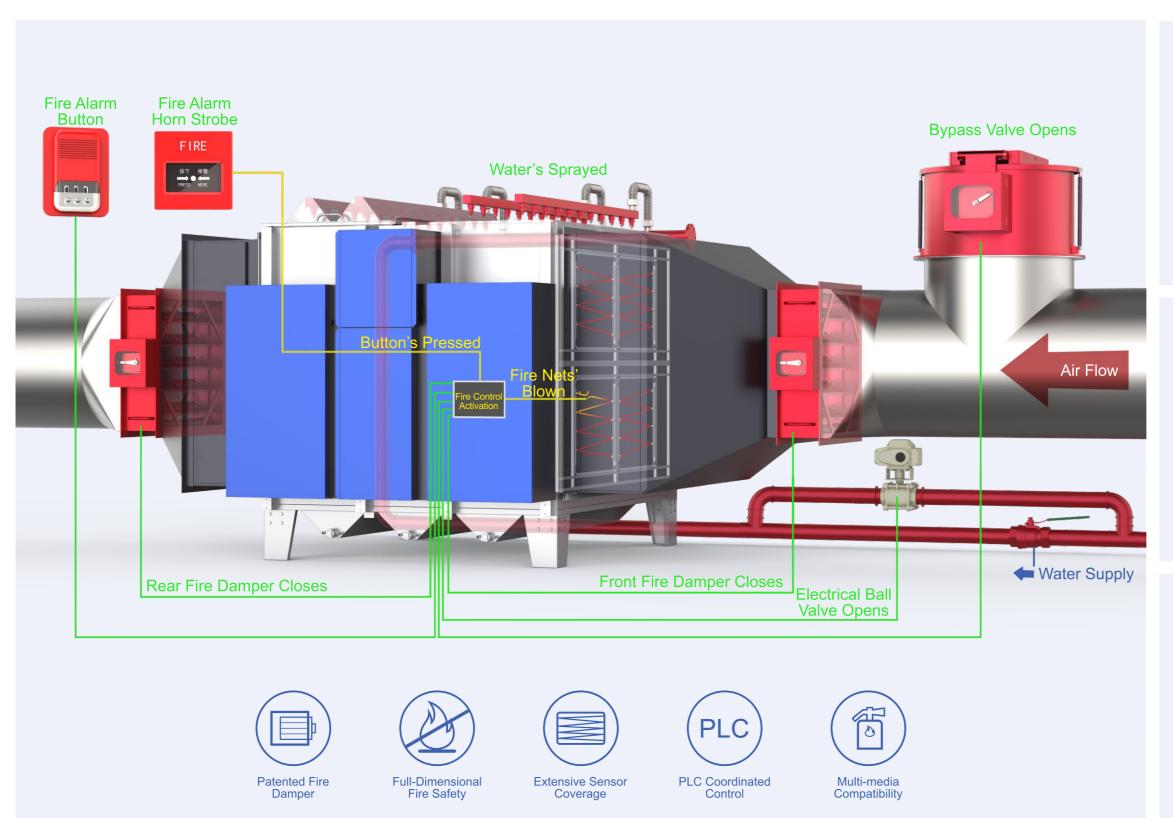
Centralized Treatment for Multiple Production Lines



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Full-Dimensional Fire Safety Top-to-Toe protection against fire hazards along the entire cross sectional area of air passageway



Extensive Sensor Coverage

An array of fusible links are laid out in a zigzag pattern to provide full coverage across the air passageway.



Patented Fire Damper

Detachable blade-and-actuator assembly is designed to provide ease of cleaning and maintenance.



PLC Coordinated Control

Responsive activation of the fire control system is executed with accuracy and reliability using a PLC.



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Corrugated/Finned Tube Cooling Coils

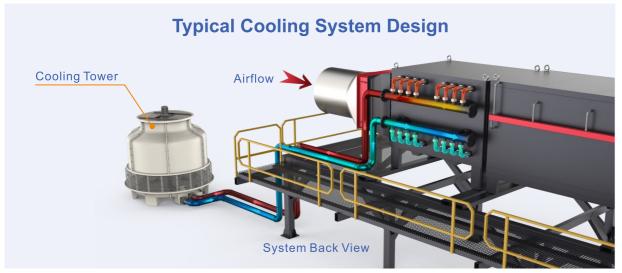


- 2 Real-time Display of Temperatures Before and After Treatment.
- 3 Corrugated Stainless Steel Cooling Coils for Ease of Servicing.
- Finned Tube Carbon Steel Cooling Coils for Extensive Surface Area.







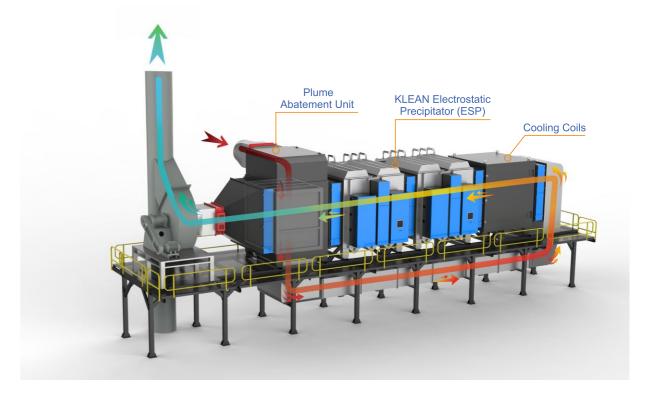


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Plume Abatement Unit

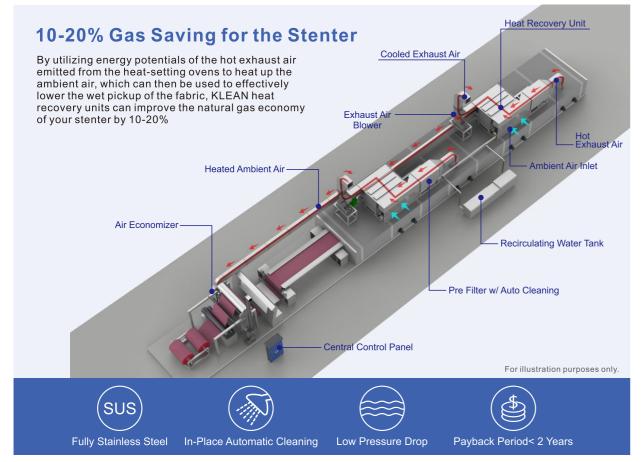


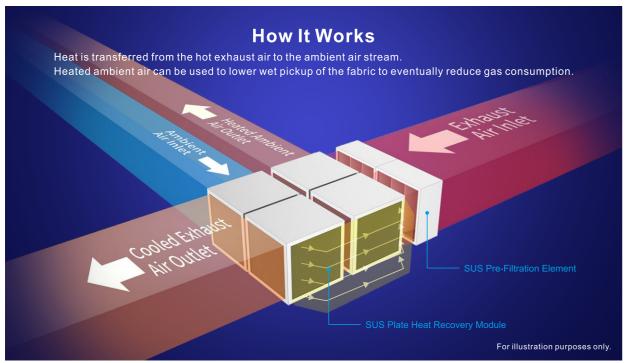
Typical Plume Abatement System Design



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Heat Recovery/Air Economizer Units





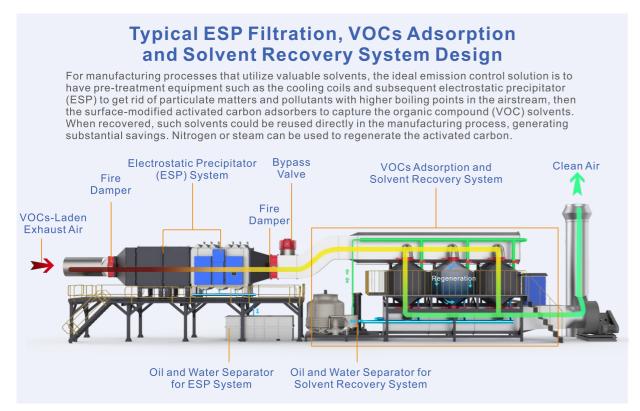
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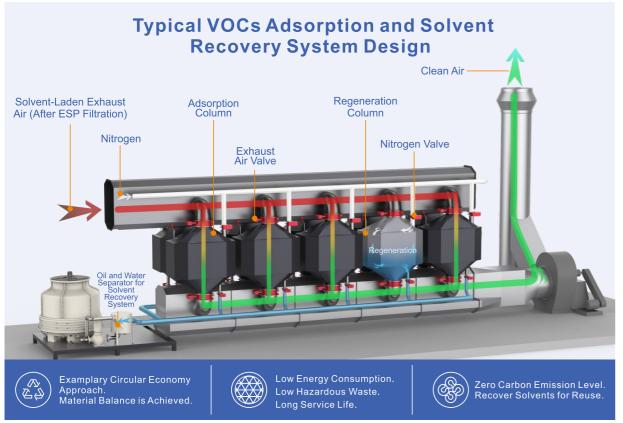




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VOCs Adsorption and Solvent Recovery System High Performance Carbon Adsorbers for Cost Effective Treatment of Valuable (VOC) Solvents





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Other Auxiliary Devices

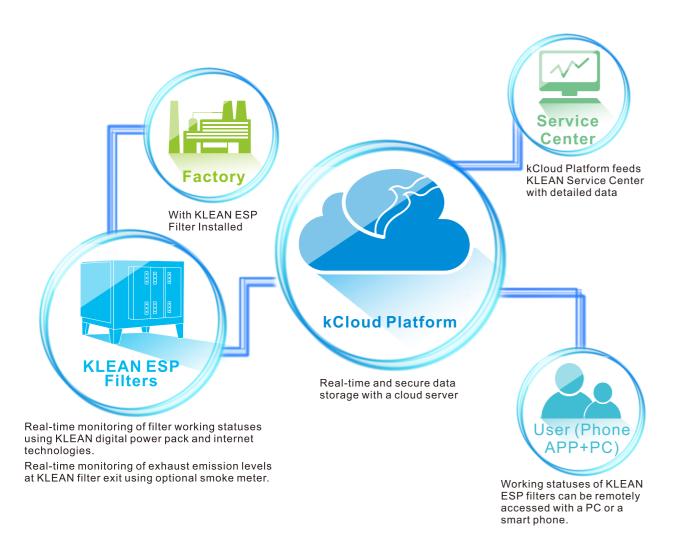


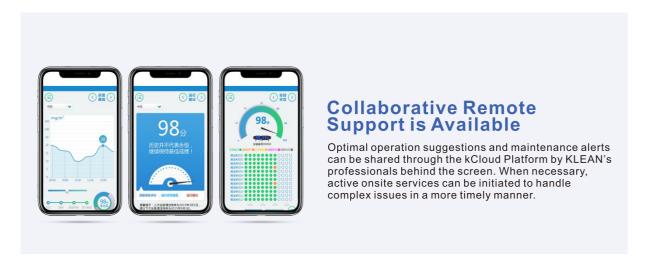
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KLEANLAND[®]

kCloud Platform

Effective Monitoring System for Real-time Working Status of Your KLEAN Equipment





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Honors and Awards







"Eagle Plan" Enterprise of Nanhai District in 2015

019年度环境治理计下企业



National Hidden Champion of Nanhai's Manufacturing Industry



Large Taxpayer Classification (Over 100millon a Year)



Computer Software Copyright Foshan Environmental Registration Certificate Management Key Enterprise



OHSAS18001 Certification



ISO14001:2015 Certificate



ISO9001:2015 Certificate



Environmental Service Leading Enterprise



Guangdong Environmental Pollution Control Ability Assessment Certificate



Foshan Technologically Advanced Enterprise



Guangdong Environmental Protection Industry Key Enterprise



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Cases

































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