

Datasheet



Odor Control System

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Equipment Description

Ptech GmbH's Standalone Hybrid Systems (Biofilter as its primary treatment and dry filter as final stage) are designed to control hydrogen sulfide (H₂S), ammonia and other wastewater odors from at airflow rates between 30 m³/h and 8.500 m³/h.

- ✓ Near "plug and play" installation
- ✓ Removes odors immediately, no acclimation
- ✓ Operator friendly with extensive control
- ✓ Discrete in residential area
- ✓ Durable, corrosion resistant FRP construction
- ✓ Low operating costs.



Advantages

- Single or double stage gas washing system
- Scrubber manufacturing and assembly
- Manufacture and installation of chimney (Jetcap) on scrubber
- Nozzle pollution alarm
- Control mechanism to prevent the pump from running without water
- Circulation pump, lines, manufacturing and installation
- Jet spray nozzles
- Fully automatic control system
- Automatic and manual drainage system
- Solution level monitoring and automatic solution feeding
- Automatic dosing and water supply
- Manufacturing and assembly of fan connection

Activated carbon is used in the polishing stage to trap VOC's and insoluble organic compounds that get through the first stage. The Ptech Biofilter System can treat air flows upto 5000 cfm (8500 m³/h), and H₂S concentrations in excess of 100 ppm.

The Ptech Biofilter System is fabricated from premium vinyl ester FRP. Each unit is equipped with a variable speed drive for the fan.

Application Possibilities

- Wastewater Treatment Plants
- Industrial Wastewater Treatment Plants
- Food Industry
- Paper Industry
- Slaughterhouses
- Solid Waste Processing Facilities
- Recycling Facilities

Applications

- Wastewater Treatment Plants
- Industrial Wastewater Treatment Plants
- Lifting Stations
- Pump Stations





Ptech

ENERGY - WATER - SEWAGE TREATMENT TECHNOLOGY

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