

Operational 250 CFM Thermal Oxidizer w/ Water Treatment



Self Contained Mobile Treatment / Pilot Study System w/ 420 ACFM Thermal oxidizer, Electrical Generator, And Operator

## Services

Frontier Environmental Services, Inc. offers a full line of in-field and shop services. Shop services can range from remanufacturing of equipment, to upgrades of pumps and accessories, or equipment tune-ups. Our in-field services are provided by certified personnel that are knowledgeable, experienced and trained to handle the job at hand to complete the project in a professional and safe manner. These field services can range from equipment management, repairs, pilot studies, and much more. Call Frontier Environmental Services, Inc. with you service needs.

*Frontier Environmental Services, Inc. is proud to offer our products and services to fulfill the needs of the soil remediation industry. Our products are engineered to meet the demands of the harsh environmental conditions as well as remain easy to operate and maintain. Our staff strives to always be professional and provide total customer satisfaction through knowledge, experience, and the ability to have answers when they are needed. Call Frontier Environmental Services, Inc. for all your current and future projects.*

### Contact Information

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## The Preferred Source For Soil Remediation Equipment & Services



Frontier Environmental Services, Inc. Family Of Products

### Products / Services

- Products Designed For Easy Use & Maintenance
- Engineered Using Highest Of Quality Materials
- Staff Trained For Technical Support / Customer Service
- Systems Tested and Calibrated for Accurate Flow Rates
- Mobile Systems Available for "Pilot Studies" & "Short Term Events"
- O & M Service Available for Various types & brands of equipment
- Equipment/Fleet management available
- Field Service and Repair Available by Highly Qualified Technicians
- Field Service for "Other Brands" of Equipment
- Remanufacturing of "older" equipment to meet current technology & standards

# Frontier Environmental Services, Inc.

## Gas Fired Thermal / Catalytic Oxidizers

### Standard Features

- ◆ Trailer Or Skid Mounted
- ◆ Thermal Or Catalytic Option
- ◆ Natural Gas Or Propane Operational
- ◆ NEMA 4, UL 508 Electrical Control Panel
- ◆ Six Channel Chart Recorder
- ◆ High Efficiency Air/Water Separator
- ◆ Flow Rates Up To 1000CFM
- ◆ Destruction Efficiency >96%

### Optional Features

- ◆ Third Party Inspections
- ◆ Upgraded Flow Devices (>Accuracy)
- ◆ Variable Frequency Drives (VFD)
- ◆ Remote Telemetry Systems (Cellular)
- ◆ Low Vacuum (Regenerative Pumps)
- ◆ Medium Vacuum (Rotary Lobe Pumps)
- ◆ High Vacuum (Liquid Ring Pumps)
- ◆ Flow Rates > 1000 CFM Custom Equipment
- ◆ Explosion Proof Classification Available
- ◆ Acid Scrubber Systems Available



**Front:** 450 ACFM Thermal/Catalytic Oxidizer w/ Oil Sealed Liquid Ring Pump  
**Back:** 250 SCFM Thermal/Catalytic Oxidizer w/ PD Pump

## Electric Catalytic Oxidizers

### Standard Features

- ◆ Trailer Or Skid Mounted
- ◆ 50-55% Efficient Stainless Steel Heat Exchanger
- ◆ NEMA 4, UL 508 Electrical Control Panel
- ◆ Six Channel Chart Recorder
- ◆ High Efficiency Air/Water Separator
- ◆ Automatic Water Transfer Pump
- ◆ Flow Rates Up To 500 CFM
- ◆ Destruction Efficiency >98%

### Optional Features

- ◆ Third Party Inspections
- ◆ Upgraded Flow Devices (>Accuracy)
- ◆ Variable Frequency Drives (VFD)
- ◆ Remote Telemetry Systems (Cellular)
- ◆ Low Vacuum (Regenerative Pumps)
- ◆ Medium Vacuum (Lobe Pumps)
- ◆ High Vacuum (Liquid Ring Pumps)
- ◆ Flow Rates >500 CFM Custom Equipment
- ◆ Explosion Proof Classification Available



250 SCFM Electric Catalytic Oxidizer w/ Positive Displacement Pump Package

**FREE Thermal Calculations & Utility Usage calculator**, designed to assist in get the proper technical information for determining site utility requirements and usage rates.

## Air Spurge Systems / Bio-Venting

### Standard Features

- ◆ Skid Mounted
- ◆ NEMA 4, UL 508 Panel
- ◆ Automatic On/Off Timers
- ◆ Rotary Vane Pump (22 PSI)
- ◆ Rotary Lobe Pump (Low Pressure)
- ◆ Integrated Electrical Panel

### Optional Features

- ◆ Upgraded Flow Devices (>Accuracy)
- ◆ Upgraded Auto On/Off Timer
- ◆ Remote Telemetry Systems (Cellular)

100 CFM Air Spurge w/ Positive Displacement Pump



## High Vacuum / Dual Phase Extraction Systems / Soil Vapor Extraction

### Standard Features

- ◆ Trailer Or Skid Mounted
- ◆ NEMA 4, UL 508 Electrical Control Panel
- ◆ High Efficiency Air/Water Separator
- ◆ Automatic Water Transfer Pump
- ◆ Flow Rates Up To 1000 CFM

### Optional Features

- ◆ Third Party Inspections
- ◆ Upgraded Flow Devices (>Accuracy)
- ◆ Variable Frequency Drives (VFD)
- ◆ Remote Telemetry Systems (Cellular)
- ◆ Six Channel Chart Recorder
- ◆ Flow Rates >1000 CFM Custom Equipment
- ◆ Explosion Proof Classification Available



300 ACFM High Vacuum/Dual Phase Extraction System w/ Liquid Ring Pump

Please visit our website for our **FREE SCFM Vs. ACFM calculator**, designed to assist in get the proper sized vacuum system for the job.

## Water Treatment Equipment

### Equipment Available

- ◆ Air Strippers / Vacuum Strippers
- ◆ Submersible Pumps
- ◆ Intrinsically Safe Control Electrical Panels
- ◆ Carbon Adsorption Vessels
- ◆ Bio Aspirators
- ◆ Advanced Oxidation Equipment
- ◆ Filtration Equipment (Bag Filters / Sand Filters)
- ◆ Oil/Water Separators
- ◆ Clarifiers
- ◆ Custom Designed Packages



**Front:** 10 GPM Vacuum Air Stripper  
**Back:** 2000# Carbon Adsorption Vessel

800 - 250 - 4396

www.frontiereny.com