

Micro-ELECTRIC Thermal Systems



Micro-ELECTRIC w/ 370 cfm SVE Blower and Optional Trailer



Touchscreen Controls & Datalogging
(actual display varies by options selected)

EQUIPMENT FEATURES

Micro-ELECTRIC Remediation Systems are complete SVE catalytic oxidizer systems with heat exchanger ready for cleanup operations in the smallest spaces. Using only electrical power, these systems are quiet, small, and powerful. Easy to transport, install, and inexpensive to operate, **Micro-ELECTRIC** technology provides permanent destruction of VOC's. The best value on the market!

Flow (std): 50 to 220 cfm, vacuums to 14" Hg

Super Small: Only 4-ft x 3.5-ft skid, ~1400 #.

SVE Blower: The **Micro-ELECTRIC Standard** SVE Blower is 8.5 hp and rated for 220 cfm and vacuums to 14" Hg. Other blowers are also available - - including a 370 cfm SVE blower and a 150 cfm dual phase water sealed pump rated to 28" Hg!

Heater: 18-30 kW electric immersion heater with ~60% H.E.

Dilution Air Blower: Enables dilution of extracted VOC's on the pressure side of the SVE blower, prior to entering the heat exchanger. Enhance control of **Micro-ELECTRIC** oxidizer without losing well vacuum required to extract vapors.

Stainless Water KO: 25-gallon water capacity with high level switch alarm shutoff, and stainless steel vapor piping too! Standard 1/2hp Water KO Pump Included!

OPTIONS

- KO Tank Digital Level Sensor (displayed in gals)
- Hi-Flow SVE Blower: 370 cfm, to 10" Hg
- Hi-Vac SVE Blower: 370 cfm, to 15" Hg
- Hi-Vac DPE Regen Blower: 150 cfm, to 20" Hg
- Internet Access Telemetry & Control
- Locking Skid Enclosure or Trailer Enclosure
- LEL & Oxygen Sensor Monitors
- 5' x 10' Dual Axle Open Trailer
- Heater Amp Monitor for Power Usage Display
- 1 or 3-phase Electrical
- Many more options available - - please ask!



SOIL-THERM
EQUIPMENT, INC.

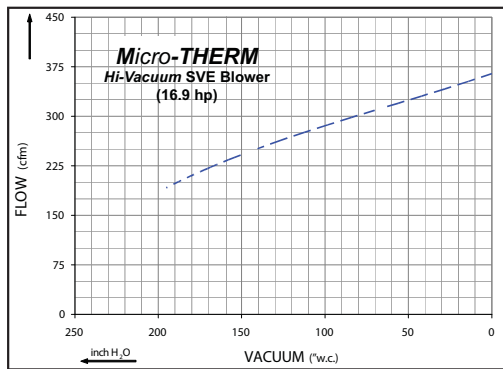
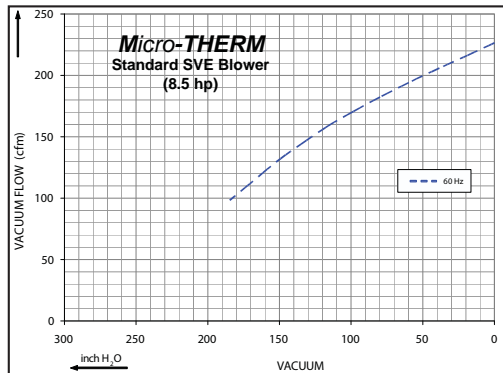
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www.soiltherm.com

Micro-ELECTRIC

Catalytic Oxidizer Remediation Systems

SOIL-THERM has recently introduced our latest **Micro-ELECTRIC** thermal systems for space restricted sites without natural gas or propane utilities. Our **Micro-ELECTRIC** catalytic oxidizers are can be built for 1 or 3-phase electrical power, with advanced electrical controls and 30kW heater for automatic temperature control all day long. No flameouts with these systems - - the 30 kW electric heater heats the extracted VOC's for destruction by the catalyst. **Micro-ELECTRIC** systems range from 220 to 370 cfm flows with powerful dual-stage regenerative blowers that can operate continuously to 14" Hg. Quiet, compact, energy efficient, and each system now includes our 8" Color Touchscreen with 1GB datalog memory.



Lower Operating Costs
than GAC! ⁽¹⁾



Soil-Therm **Micro-ELECTRIC** system with powerful Hi-Vacuum SVE Blower and Variable Frequency Drive for complete flow & vacuum range control to 14" Hg. Mounted onto a small 5'x10' dual axle trailer with room for Liquid GAC vessels.

Equipment Specifications

VOC Processing: to 3,500 ppmv
 Destruction Efficiency: >98%
 VOC's /hour (max): 15 #/hour
 Skid Size: 4-ft x 3-ft x 13-ft (H)
 Weight: ~1400 - 1800 lbs
 Well Vapor Hookup: 3"
 Heat Exchanger: Stainless Steel, 60%
 Catalyst: Platinum type

Electrical (3-phase; 1-phase available):

8.5hp SVE Blower: 230VAC, 3-ph, 60 Hz, 100A
 11.5 hp SVE Blower: 230VAC, 3-ph, 60 Hz, 125A
 16.9 hp SVE Blower: 230VAC, 3-ph, 60 Hz, 150A

Approvals: UL 508A Certified Panel
 SCAQMD Certified Permit

Rent - Lease - Buy



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(1) Actual results may vary and features may change without notice.