

Air Strippers, Low Profile

LO-PRO™ Air Strippers

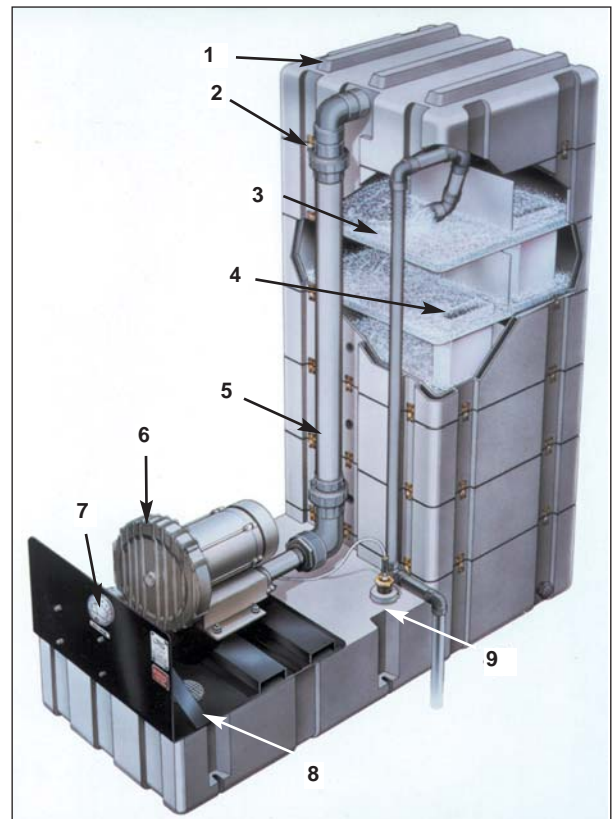
Lo Profile Air Strippers. The ORS LO-PRO™ models II and III are highly efficient water treatment systems, VOC Removal that can remove up to 99.99% of many volatile organic compounds (VOC's) from water. Systems are self-contained for use in limited space applications.

FEATURES

- **Provides up to 99.99% removal efficiency**
Patented multi-stage counterflow aeration
- **Features vacuum-induced draft design that is more efficient than forced draft**
- **Low profile modular design**
Requires less floor & head space
- **Lightweight modular polyethylene trays**
Allows the addition or subtraction of trays to meet engineered treatment requirements
- **Stainless steel bubble plate design resists fouling**
- **Highly effective on BTEX, MTBE, and Radon**
- **Very easy to install and maintain**
- **Interactive design utility program available for proper sizing**
- **Remote monitoring and troubleshooting capability with the optional ORS SITEPRO™ 2000 Controller.**

OPERATION

Contaminated water enters the ORS LO-PRO at the top of the unit and cascades onto the first of a series of stainless steel bubble plates. A baffle in the center of each plate redirects the water 180° in each stage as it flows downward, alternating between clockwise and counter-clockwise directions. This action optimizes the residence time of the water in the ORS LO-PRO™, allowing for efficient contaminant removal.



Internal view of an ORS LO-PRO II

1: Lightweight polyethylene construction; 2: Threaded coupling; 3: SS bubble plates; 4: Multi-stage counterflow aeration; 5: Hand operated latches; 6: Blower; 7: Blower Pressure gauge; 8: Air inlet; 9: Sump water level sensor.

Geotech Environmental Equipment, Inc.


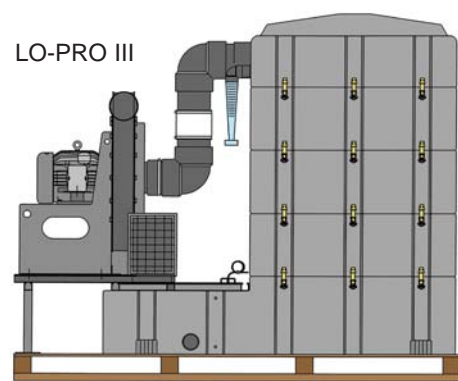
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High Efficiency Air Strippers

LO-PRO™ Specifications

	LO-PRO II	LO-PRO III
Applications	For use in non-classified and Class 1, Div. 2 locations.	High flow-rate for use in non-classified and Class 1 Div. 2 locations.
Dimensions	5 tray unit: 66"L x 27"W x 75"H. Each additional tray adds 10" to height.	3 tray unit: 91" L x 60" W x 70" H. Each additional tray adds 13" to height.
Max. # of trays	8	5
Material	Light weight polyethylene housing; Stainless steel bubble plates.	Light weight polyethylene housing; Stainless steel bubble plates.
Water Flow	1-20 gpm (4-76 l/min).	1-60 gpm (4-227 l/min).
Air Flow	Up to 250 icfm.	1100 icfm.
Blower HP	1-5 HP regenerative blower (TEFC: for use in Class 1, Div. 2 locations).	10 HP centrifugal blower (TEFC: for use in Class 1, Div. 2 locations).
Blower Voltage	208-230/460V, 50 Hz or 60 Hz, 3 phase. Single phase available.	208-230/460V, 50 Hz or 60 Hz, 3 phase.
Options	Hi pressure switch assembly, low pressure switch assembly, SITEPRO 2000 controls & telemetry, motor starter package, sump water level sensor, additional trays, CFM gauge & valve assembly, transfer pumps. Explosion proof blower.	Hi pressure switch assembly, low pressure switch assembly, SITEPRO 2000 controls & telemetry, motor starter package, sump water level sensor, additional trays, CFM gauge & valve assembly, transfer pumps. Explosion proof blower.
	 <p>LO-PRO II</p>	 <p>LO-PRO III</p>

CALL GEOTECH TODAY (800) 833-7958

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