

S/N: EEI 1058

Date: 12/1/2008

Status: In Stock, Not Tested

Description: ORS Lo-Pro Model II
Rotron EN606M72L Blower 3HP 3PH 230/460V
2 Magnehelic Gauges: 0-210 CFM, 0-30" H2O
2 Pressure Switches
Killark XP Motor Starter Box Cat# Y7011ZW
Crouse Hinds XP Snap Switch Cat# 05415ANX
Water flow rating: 20 GPM
Number of trays: 6





LO-PRO™ Air Strippers

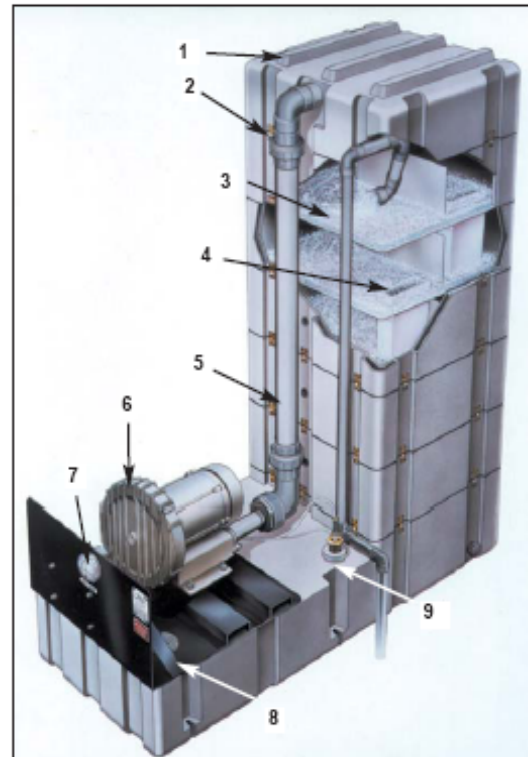
Lo Profile Air Strippers. The ORS LO-PRO™ models II and III are highly efficient water treatment systems, VOC Removal that can remove up to 99.99% of many volatile organic compounds (VOC's) from water. Systems are self-contained for use in limited space applications.

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.

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 80" 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	208-230/480V, 50 Hz or 60 Hz, 3 phase. Single phase available.	208-230/480V, 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> 