



Enviro-Equipment Inc.
11180 Downs Road
Pineville NC 28134
www.enviroequipment.com

Stock #2109

- QED 24.6SS EZ-Tray Air Stripper
 - o 1-250 GPM Max Flow, 6 Trays
- New York Blower Model 2208 ALUM
 - o 15HP 3PH 3500 RPM Motor
- Patterson Model E2D11A-C4M Influent Pump
 - o 15HP 3PH 1765 RPM Motor
- Goulds Model 3996 Effluent Pump
 - o 1.5 x 3 – 10 Size
 - o 25HP 3PH 3550RPM Motor
- Air Stripper Sump has Clear PVC Sight Glass with 3 Level Float Tree for Effluent Pump On/Off and Sump High Level which Shuts Down Influent Pump
- Tether Floats on Cords included for integration of influent pump level controls for upstream holding tank
- SO Power Cable with Quick Disconnect Plugs
- 480V 3PH Relay Logic Control Panel with VFD for Both Pumps, Starter For Blower, Controls for Level Floats
- All Mounted on Steel Skid with Fork Lift Pockets



Enviro-Equipment Inc.
11180 Downs Road
Pineville NC 28134
www.enviroequipment.com





Enviro-Equipment Inc.
11180 Downs Road
Pineville NC 28134
www.enviroequipment.com





Enviro-Equipment Inc.
11180 Downs Road
Pineville NC 28134
www.enviroequipment.com



E-Z Tray®

The #1 Choice in Sliding Tray Air Stripper Technology



The only self-contained Air Stripper
certified by NSF to NSF/ANSI Standard 61

QED's E-Z Tray® and E-Z Stacker® Air Strippers are covered by U.S. Patents: 5,518,668; 8,523,152; and 8,678,353

 **QED®**
Innovative Environmental Products

Leadership in Technology, Design, and Support

QED leads the way in innovative air strippers,
making them easier to operate and maintain:

1. The original, patented sliding-tray air strippers
2. From the top process technology experts in the industry, with 20+ years of successful air stripper application experience
3. Continued innovation for improved performance and reduced maintenance costs



E-Z Tray®

- Lower long-term O&M costs due to easier tray maintenance than tower-type or stacking tray strippers
- Lightweight, slide-out trays that don't require hoists, regardless of the size of the air stripper
- Requires less building space, which can lower building costs



E-Z Stacker®

- Sized and priced to be the economical choice for low to moderate-flow cleanup applications
- Highly efficient VOC removal
- Positive-seal engineering prevents leakage problems

Highly effective VOC removal rates and lightweight trays that allow for quick and easy maintenance by one person

Uncoated stainless steel



No-stick coating

Air flows up through perforated trays creating a turbulent froth zone with a high air-to-liquid surface area for mass transfer of volatile organic compounds (VOCs).

E-Z Tray
access area

Additional space required
by conventional stacking
tray Air Strippers

A conventional air stripper needs more than twice the access and tray removal space as an E-Z Tray® Air Stripper.



Optional hinged door allows for easy access without door removal.



Slide-out trays allow maintenance by one person.



E-Z Stacker® Air Strippers provide a lower cost solution for low flow removal of volatile organic compounds (VOCs) from groundwater.



Sliding Tray Air Strippers

E-Z Tray®

**Exclusive Design Results
in VOC Removal Efficiencies
of up to 99.99%
at Flow Rates up to
1,000 GPM.**



The only self-contained Air Stripper certified by NSF to NSF/ANSI Standard 61



The E-Z Tray® Air Stripper is a sliding tray, stainless steel air stripper used to remove volatile organic compounds (VOCs) from contaminated groundwater and waste streams. The exclusive design of the E-Z Tray stripper results in very high removal efficiencies in an easier to maintain process unit.

Any air stripping process subject to fouling conditions has to contend with periodic cleaning in order to retain treatment efficiencies and capacity. Tower air strippers can become maintenance headaches when the tower packing becomes clogged and cemented together with bio-fouling or precipitants. When the perforated trays in stacking tray air strippers become fouled they require major disassembly, cranes or hoists, and lots of access space.

Unlike traditional air strippers, E-Z Tray Air Strippers from QED use removable, lightweight, front slide-out trays. This unique feature provides many advantages, including one person cleaning and less building space.

E-Z Tray Air Strippers are available in configurations with 4 or 6 trays, with maximum flow rates from 50 gpm (4-100 Lpm) all the way up to 1,000 gpm (3,784 Lpm).

High Capacity Process Air Strippers

These air strippers are engineered to serve in larger, process-type projects involving multiple treatment stages, where they are an effective component of large-scale water or wastewater processes in manufacturing, refining, chemical processing, and other industries. They can act as a pre-treatment stage for other process elements, such as large aerobic bio treatment units, removing VOCs at much lower airflow rates to reduce the costs of off-gas treatment.

All of this, combined with the easier maintenance and a smaller footprint, has led QED's E-Z Tray sliding tray Air Strippers to become the preferred choice for major remediation and process stream projects in the U.S. and abroad.

The Advantages of E-Z Tray over Conventional Air Strippers

E-Z Tray Air Strippers

- Single person cleaning
- Easy process monitoring and inspection, even while in operation
- Reduced footprint for installation and maintenance
- High removal efficiencies easier to maintain
- Easily modeled online to facilitate process evaluation

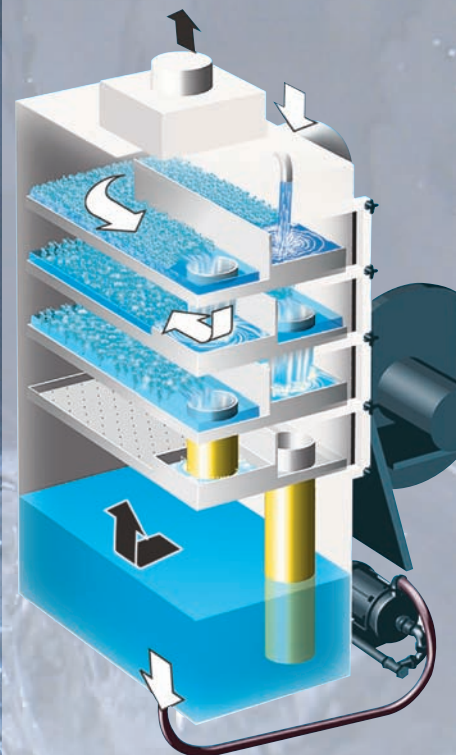
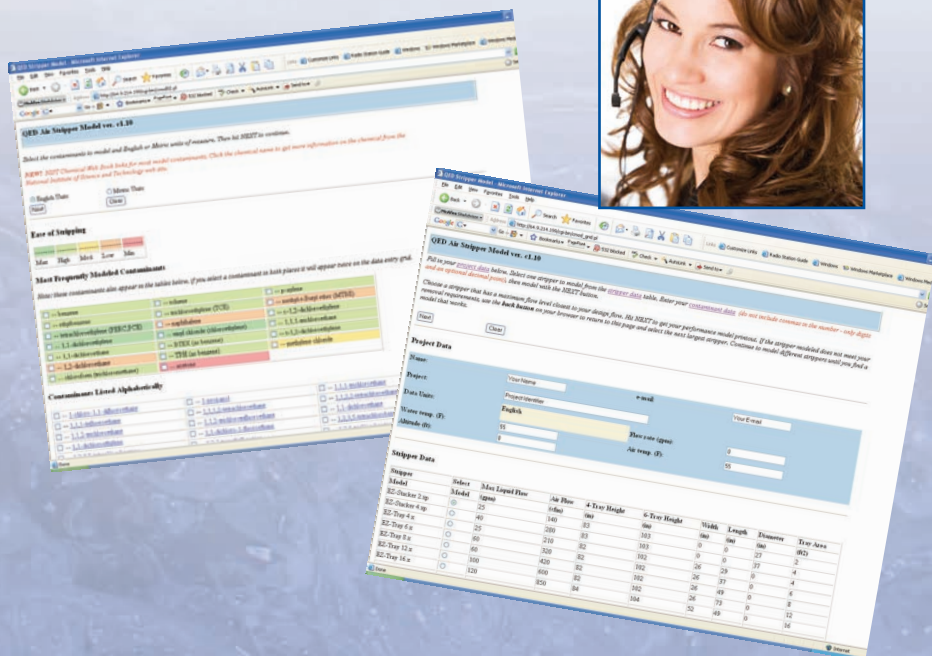
Tower Air Strippers

- Packing condition and liquid and air flow distribution are very difficult to observe
- Small footprint but very tall structure required
- More difficult to keep operating at design performance
- More complex process design assistance required
- Laborious packing replacement and interior cleaning required

Stacking Tray Air Strippers

- Major disassembly steps and crew needed
- Difficult or impossible to observe air and liquid flow distribution during operation
- Lots of space needed for disassembly, to access all sides and to lift and store tray stages
- More difficult to keep operating at design performance
- Online modeler not offered

Online Modeler with Accessible Technical Support!



How it Works

As contaminated groundwater enters through the top of the air stripper, millions of air bubbles are forced by blower pressure up through the perforated trays. This creates a turbulent froth zone with an extremely high air-to-liquid surface area for mass transfer of volatile organic compounds (VOCs) from liquid to air. Using the froth instead of a conventional tower packing delivers high VOC removal efficiencies even under fouling conditions, and it is easier to inspect and maintain.

The first Online Performance Modeler, developed to assist you in selecting the most effective air stripping package for your groundwater cleanup project

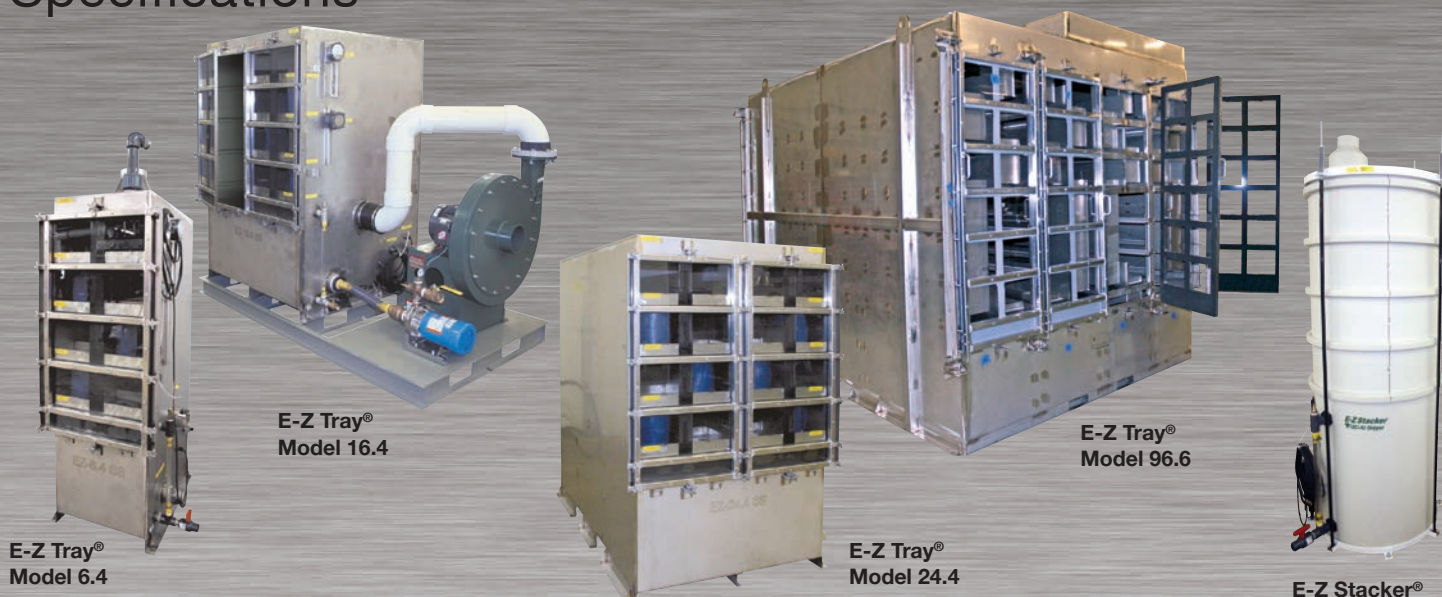
Try it for yourself today! Use our exclusive online stripper modeler at www.qedenv.com/modeler to spec the exact size and configuration for your project. Then talk to a QED applications specialist toll-free at **(800) 624-2026** for fast, free system design assistance and a price quote.



The only self-contained Air Stripper certified by NSF to NSF/ANSI Standard 61

"QED's E-Z Tray® Air Stripper is the first self-contained air stripper that has earned certification from NSF International, demonstrating QED's dedication to enhancing water quality," said Theresa Bellish, Business Unit Manager for NSF International. For the details on the certification visit www.qedenv.com/airstripper.

Specifications



E-Z Tray® Stainless Steel, Removable Tray Air Stripper Specifications

Model No.	Max. Flow Range gpm (Lpm)	Dry Weight lbs. (kg)	Oper. Weight lbs. (kg)	Shell Dimension DxWxH in. (cm)	Trays Per Tier lbs. (kg)	Active Area ft. ² (m ²)	Nominal Air Flow cfm (m ³ /min)	Add'l Space for Tray Removal* in. (cm)
4.4	1-50 (4-189)	630 (286)	985 (447)	30 x 34 x 82 (76 x 86 x 208)	4 x 29 (4 x 13)	2.8 (0.26)	210 (5.95)	27 (69)
4.6	1-50 (4-189)	780 (354)	1,219 (553)	30 x 34 x 102 (76 x 86 x 259)	6 x 29 (6 x 13)	2.8 (0.26)	210 (5.95)	27 (69)
6.4	1-65 (4-246)	790 (358)	1,285 (583)	39 x 34 x 82 (99 x 86 x 208)	4 x 40 (4 x 18)	3.8 (0.35)	320 (9.06)	37 (94)
6.6	1-65 (4-246)	978 (443)	1,591 (722)	39 x 34 x 102 (99 x 86 x 259)	6 x 40 (6 x 18)	3.8 (0.35)	320 (9.06)	37 (94)
8.4	1-75 (4-284)	955 (433)	1,615 (733)	51 x 34 x 82 (130 x 86 x 208)	4 x 50 (4 x 23)	5.6 (0.52)	420 (11.9)	47 (119)
8.6	1-75 (4-284)	1,182 (536)	1,956 (887)	51 x 34 x 102 (130 x 86 x 259)	6 x 50 (6 x 23)	5.6 (0.52)	420 (11.9)	47 (119)
12.4	1-120 (4-454)	1,165 (528)	2,105 (955)	75 x 34 x 82 (191 x 86 x 208)	4 x 60 (4 x 27)	8.8 (0.82)	600 (17.0)	72 (183)
12.6	1-120 (4-454)	1,442 (654)	2,606 (1,182)	75 x 34 x 102 (191 x 86 x 259)	6 x 60 (6 x 27)	8.8 (0.82)	600 (17.0)	72 (183)
16.4	1-150 (4-566)	1,625 (737)	2,870 (1,302)	52 x 59 x 84 (132 x 150 x 213)	8 x 50 (8 x 23)	11.1 (1.03)	850 (24.1)	47 (119)
16.6	1-150 (4-566)	2,011 (912)	3,553 (1,612)	52 x 59 x 104 (132 x 150 x 264)	12 x 50 (12 x 23)	11.1 (1.03)	850 (24.1)	47 (119)
24.4	1-250 (4-946)	2,100 (953)	3,980 (1,805)	75 x 59 x 84 (191 x 150 x 213)	8 x 60 (8 x 27)	17.5 (1.63)	1,300 (36.8)	72 (183)
24.6	1-250 (4-946)	2,599 (1,179)	4,926 (2,234)	75 x 59 x 104 (191 x 150 x 264)	12 x 60 (12 x 27)	17.5 (1.63)	1,300 (36.8)	72 (183)
36.4	1-375 (1,420)	3,200 (1,451)	6,085 (2,760)	75 x 98 x 96 (191 x 249 x 244)	4 x 60 (4 x 27)	26.3 (2.4)	1,900 (53.8)	72 (183)
36.6	1-375 (1,420)	3,900 (1,769)	7,532 (3,416)	75 x 98 x 116 (191 x 249 x 295)	6 x 60 (6 x 27)	26.3 (2.4)	1,900 (53.8)	72 (183)
48.4	1-500 (1,893)	5,000 (2,270)	12,500 (5,670)	124 x 76 x 96 (315 x 193 x 244)	16 x 60 (16 x 27)	27 (2.51)	2,600 (73.6)	72 (183)
48.6	1-500 (1,893)	5,500 (2,495)	13,000 (5,897)	124 x 76 x 116 (315 x 193 x 295)	24 x 60 (24 x 27)	27 (2.51)	2,600 (73.6)	72 (183)
72.4	10-750 (2,839)	6,400 (2,903)	14,600 (6,622)	149 x 98 x 100 (378 x 249 x 254)	4 x 60 (4 x 27)	52.5 (4.88)	3,800 (108)	2 x 72 (2 x 183)
72.6	10-750 (2,839)	7,800 (3,538)	15,100 (6,849)	149 x 98 x 120 (378 x 249 x 305)	6 x 60 (6 x 27)	52.5 (4.88)	3,800 (108)	2 x 72 (2 x 183)
96.4	10-1,000 (3,785)	11,000 (4,990)	25,000 (11,340)	149 x 124 x 100 (378 x 315 x 254)	32 x 60 (32 x 27)	54 (5.02)	5,200 (147)	2 x 72 (2 x 183)*
96.6	10-1,000 (3,785)	11,500 (5,216)	30,000 (13,608)	149 x 124 x 120 (378 x 315 x 305)	48 x 60 (48 x 27)	54 (5.02)	5,200 (147)	2 x 72 (2 x 183)*

Standard construction is 304 SS, other alloys upon request. *Allow additional space for accessory components (blower, piping, etc.).

E-Z Stacker® Cylindrical, Poly, Low-flow Air Stripper Specifications

Model	Flow gpm (Lpm)	Dry Weight lbs. (kg)	Operation Weight lbs. (kg)	Shell Dim. Diam.xH in. (cm)	No. Trays and Weight: lbs. (kg)	Active Area: ft. ² (m ²)	Nominal airflow: cfm (m ³ /min)
EZ-2.4P	1-25 (4-94.6)	103 (46.72)	483 (219)	27 x 83 (68.6 x 210.8)	4 @ 18 (8.2)	2.6 (0.24)	140 (3.96)
EZ-2.6P	1-25 (4-94.6)	135 (61.3)	531 (240.9)	27 x 103 (68.6 x 261.6)	6 @ 18 (8.2)	2.6 (0.24)	140 (3.96)
EZ-4.4P	1-40 (4-151.4)	155 (70.3)	1,004 (455.4)	37 x 83 (94.0 x 210.8)	4 @ 37 (16.8)	5.8 (0.54)	280 (7.93)
EZ-4.6P	1-40 (4-151.4)	203 (92.1)	1,134 (514.4)	37 x 102 (94.0 x 259.1)	6 @ 37 (16.8)	5.8 (0.54)	280 (7.93)

* skid mounted