Green Walls
Featuring
AEROGATION™
Active Phytoremediation System
"Cleans Air Naturally"

Aerogation
Standard Details

Drawing List

- Aerogation System Cover Sheet
- AS-0 Aerogation Notes and Specifications
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<th>AgroSci</th>
<th>Design</th>
<th>Specifications</th>
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| Aerogation Green Walls | SYSTEM REQUIREMENTS:  
  - Provide Shut-off at System Water Line  
  - Provide Keyed Switch for System Power  
  - Flush, Vertically Plumb Surface  
  - Green Wall Light Source Analysis  
GREEN WALL LOCATION:  
  - Avoid MEP Exahusts and Chemicals  
  - Custom Layouts Are Available | OUTLINE SPECIFICATIONS:  
  - Outline Aerogation Green Wall Specs  
PROJECT SPECIFICATIONS:  
  - Project Aerogation Green Wall Specs  
PROJECT SUBMITTALS:  
  - Shop Drawings, Specs & Product Data |
| "Cleans Air Naturally" | Versatile  
Affordable  
Flexible | |

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<tr>
<th>Services</th>
<th>Warranteen</th>
<th>Coordination</th>
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| Custom Designs  
Technical Support  
Plant Sourcing  
Onsite Consultation  
Shop Drawings  
Installation | STANDARD:  
  - One Year Parts and Labor  
EXTENDED:  
  - Multiple Options Available  
  - Varies per Project Design | DESIGN:  
  - Technical Support - Contact Us  
PRODUCT LEAD TIME:  
  Note: Varies Based on Green Wall Size  
  - 6-8 Weeks - Green Wall Components  
  - 12-16 Weeks - Plants and Soils |

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<tr>
<th>Systems</th>
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<th>Contact Us</th>
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</thead>
</table>
| Interior Aerogation  
Exterior Grid  
Exterior Aerogation  
Design Build  
Custom Designs  
Cabinet Units | SERVICES:  
  - 1-3 Year Contract Options  
  - System & Software Training  
  - Seasonal Start-Up  
  - Plant Replacement Options  
  - AgroSci Trained and Certified Providers | AgroSci, Inc.  
P.O. Box 299, Colchester, CT 06415  
OFFICE:  888-502-6739  
FAX:  888-205-0104  
EMAIL:  info@agroscl.com  
WEBSITE:  www.agroscl.com |
Aerogation Green Wall Typical System Detail - Hard Plumbed

Provide ½" shut off valve with stub

½" water pipe inlet

Containers not shown for clarity

1½" air pipe inlet

Aeration nozzle

Solenoid

Study wall by others

Contractor to provide ½" water supply

NOTE: Details vary based on project design reqmts.

Timer for solenoid, location varies.

To Bldg. drain system

Air fan/pump

Finished floor

Each design is site specific
Aerogation Green Wall Typical System Detail - Reservoir

RESERVOIR SYSTEM OPTION:
WATER SUPPLY CAN BE AUTOMATICALLY FILLED WITH FLOAT VALVE

NOTE: Details Vary Based on Project Design Reqmts.

1½" AIR PIPE INLET
AEROGATION NOZZLE

1/2" WATER PIPE INLET

PROVIDE 1/2" SHUT OFF VALVE WITH STUB

CONTAINERS NOT SHOWN FOR CLARITY

FINISHED FLOOR

SECTION - ELEVATION

STUD WALL BY OTHERS

RESERVOIR w/PUMP

Air Fan /Pump

VARIES

VARIES

TIMER FOR SOLENOID, LOCATION VARIES.
EXISTING WALL

NOTE:
AIR CAVITY IS REQUIRED BETWEEN PANEL AND WALL SURFACE.

1/4" Furring Strip 16" O.C.,
BY OTHERS, FOR PANEL MOUNTING TO WALL.

3/16" x 2 1/2" S.S. Screw,
1500lb Tear Strength
MIN. 12" O.C.

AEROGATION PANELS
COMPOSED OF PVC

1300cc CONTAINER
COMPOSED OF HIGH DENSITY
POLY PROPYLENE (HDP)

AEROGATION NOZZLES:
COMPOSED OF ABS MATERIAL,
WITH FIBERGLASS WICK

ALUMINUM GUTTER,
"J" CHANNEL DRAIN WITH 5/8" VINYL
FLEXIBLE TUBING TO RESERVOIR,
VERIFY LOCATION IN FIELD.

Aerogation Green Wall Typical Section
AS-3
SCALE: 1-1/2" = 1'-0"
EACH DESIGN IS SITE SPECIFIC

AgroSci Inc.
P.O. Box 299
Colchester, CT 06415
860-502-6739 Office
888-205-0104 Fax
# Equipment List

<table>
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<tr>
<th>Description</th>
<th>MFR.</th>
<th>Model #</th>
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<tr>
<td>Water Pump</td>
<td>Becket</td>
<td>G325C</td>
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<tr>
<td>* Water Tank</td>
<td>National</td>
<td>SP0016</td>
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<tr>
<td>Repeat Cycle Timer</td>
<td>Intermatic</td>
<td>C8845</td>
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<tr>
<td>Inline Fan</td>
<td>Continental</td>
<td>AXC100AES</td>
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<td>Aerogation Panels</td>
<td>AgroSci</td>
<td>5 Channel</td>
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<tr>
<td>Aerogation Containers</td>
<td>AgroSci</td>
<td>1300cc</td>
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Note: * Water Tank is for Reservoir System

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CONTRACTOR TO PROVIDE DRAIN, WATER AND AIR SUPPLY, SEE ENLARGED ELEVATION

WALL BY OTHERS

1 1/2" PVC AIR PIPE

1/4" FURRING STRIP BY OTHERS, 16" O.C.

1300cc PLANT CONTAINER

AEROGATION PANEL

1/2" FLEXIBLE PVC WATER TUBING.

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Aerogation Green Wall Typical Plan

SCALE: 1" = 1'-0"

EACH DESIGN IS SITE SPECIFIC
Aerogation Green Wall Typical Enlarged Section

- SOIL MICROBES AND BENEFICIAL BACTERIA
- REMEDIATED AIR EXITS THROUGH THE SOIL
- AEROGATION CONTAINER COMPOSED OF HIGH DENSITY POLY PROPYLENE (HDPP)
- ENGINEERED SOIL STRUCTURE
- WATER AND AIR MIX IN SOIL FROM NOZZLE
- AEROGATION NOZZLE COMPOSED OF ABS MATERIAL
- AEROGATION PANELS COMPOSED OF PVC
- PRESSURIZED ROOM AIR
- AEROGATION FIBERGLASS WICK
- CLOSED WATER SYSTEM

Each design is site specific.
NOTE:
Trim Is By Others
Verify in Field

Typical Trim Section
SCALE: 1-1/2" = 1'-0"

Aerogation Green Wall Typical Trim
SCALE: 3/4" = 1'-0"
EACH DESIGN IS SITE SPECIFIC