

## AVANI Environmental Intl, Inc.

January 14 2011

AGFA Graphics 5975 Falbourne Street Mississauga ON L5R 3V8

Attention: Van Can Ngo& Frank Ludgate

Quotation Number: 1012012 REV 2

REV 2: Remove control panel

Dear Van Can & Frank,

Thank you for the current business and the opportunity to present a long-term solution and partnership in supplying a total package versus just the Absolent equipment. Based on the package supplied by AGFA Graphics, the following is our proposed solution:

### **Design Criteria:**

The following criteria are the base for the recommended equipment.

- Required Airflow: 50 150
- Contamination: Oil ( off gasing from drying ink on polyester material), water vapour
- Inlet Load: 26 mg/cu.m.
- Type of Machine: Aquajet printer Model 3324WBT

#### Absolent Package (Based on 50 Units):

Absolent ODF-1000S Mist & Smoke Collector Powder coated in AGFA Graphics custom colour

Absolent ODF-1000S 10" Leg Extensions w/ Stabilizer

- Drilled out to allow for 1/4 -20 Bolt and Lock-Nut Inside

**Custom Color Powder Coat:** 

Protech Chemical Powder as per AGFA Graphics specifications

- Absolent ODF-1000S
- Absolent Leg Extensions

Tri-Star Coatings as per AGFA Graphics specifications Charcoal filter plenum

Field Connections Taken to Terminals

Charcoal Filter Plenum

- -Designed with Carbon Tray Slot (2" x 24" x 24") Carbon tray shipped in plastic bag.
- -Latches for filter access door.



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Carbon Cell (2" x 24" x 24")

- Zeolite, Alumina and Carbon Blend. Carbon tray shipped in plastic bag.

Mechanical Materials:

Drain Assembly (Steel Elbow)

- Pipe and 45 degree Valve

Brass Fitting and Pressure Gauge

I Duct Clamp Together Ducting for ODF System

- QF Pipe, Adjustable Nipples, Elbows, Branches
- -Clamps to be unpainted

Custom Painting/ Electro Coating (IAQ Warehouse):

- Tri-Star Coatings as per AGFA specifications
- -Charcoal filter plenum
- -Jacob Duct Package

Custom Crate & Packaging (International Stamp):

- Completely Enclosed
- 32" x 38" x 90"

#### IAQ Mechanical Labor and Handling:

- 1. Uncrate ODF-1000 from Sweden
- 2. Cut and Install leg extensions (10") over existing stub legs. Drill through to allow for a ¼ 20 bolt to be placed and a lock-nut to be placed inside and **record**
- 3. Remove filter cassettes and verify fiber one (S10B3/ 595). Remove Absolent part numbers and identifications (remove plates, rivets) Replace with decals or new plates provided from Gandi. Remove owner's manual and replace with Gandi manual. Gandi label in the center of the upper door and **record**.
- 4. Stand ODF upright to remove junction box.
- 5. Install ventilation collar over the hole on the LEFT side of the unit using self tapping screws. Seal any possible holes and record.
- 6. Install steel elbow and 45 degree valve for drainage with a downward slant for better drainage and *record*.
- 7. Install the vent hood onto the unit using a thin bead of clear silicone on top outside of provided screw holes. Use 16M 5 x 14 screws and nuts using large washers (5/8") and use a small amount of Blue 425 medium strength Loctite on each screw. Place a small bead of silicone on the inside upper portion of the vent hood and **record**.
- 8. Install duct assembly.
- 9. Connect unit to electrical power.
- 10. Check fan rotation and record.
- 11. Check for vibration and record.
- 12. Check amps and record.
- 13. Hypot test unit and record.
- 14. Check control panel on/off, lights, disconnect and overall appearance and record.
- 15. Check the Absolent gauges and record Static Pressure.



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- 16. Check Static Pressure on I duct adjust fresh air damper to correct reading and record.
- 17. Test and record Airflow and record.
- 18. Check for air leaks and record.
- 19. Check fit and finish of complete unit and record.
- 20. Bubble-wrap the collector while standing.
- 21. Lay collector into new crate. Insert I duct assembly. Raise sidewalls and assemble. Band collector crate to insure stability for freight carriers.
- 22. Provide complete check-list upon completion.

Total Cost Per Unit & Ducting Complete: \$8210.00 Each US FUNDS

### Replacement Filters:

Stage 1	92110606	Filter S10B/595	\$873.00
HEPA	92630600	HEPA TRSA/595	\$437.00
Odour Control	440-000020	Charcoal Blend	\$189 00

Replacement parts are stocked Absolent Warehouse Chesapeake VA and will be shipped within 48 hours of receipt Purchase Order.

# **Warranty and Guarantees**

- Maintenance free: 6 months
- Manufacturers Warranty: 1 year
- Quaranteed Filter Bed Lifetime: 6 months if load does not exceed recommended value and duct connections are not changed.
- Separation degree: 99.97 %
- Motor 1 year manufacturer warranty

#### Terms

- Price in US Funds.
- Validity of quotation: 90 Days from date of quote.
- Freight Terms: FOB Youngsville NC.
- Payment terms: Net 45 Days (from shipping date).
- Customs, duties and taxes customer responsibility.



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Again, I appreciate the opportunity to present this proposal for your consideration. Please call me if I can be of further assistance. IAQ looks forward to working with you on this project.

Best Regards,

Bill Strouth AVANI Environmental Intl, Inc.

# **TERMS & CONDITIONS**

FREIGHT/FOB: Manufacturer

IAQ Warehouse, Youngsville, NC

Quotation price does not include actual shipping costs. If requested by Buyer, Industrial Air Quality Inc. can supply an estimated shipping cost(s).

SHIPMENT: Approval drawings will be sent approximately 2 weeks after receipt of

purchase order and necessary technical details.

After return of signed approval drawings and finalization of all technical details, shipment to be approximately to weeks (not including holidays)

PAYMENT: Net 45 Days (from shipping date).

RESTOCKING: There is a 20% restocking / cancellation fee for all Purchase Orders

WARRANTY: Equipment covered by manufacturers' warranty.

Not responsible for shipping and handling costs for Warranty

issues/items.

Warranty only includes replacement parts not labor or any other cost

associated with replacing warranty Items.



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VALIDITY: This quotation is valid for 30 days from date of issue.

EXCLUDED: This quotation does not include motor starters, assembly & installation,

supports, connection to services, or anything not specifically described in

the quotation.

CONTROLS: If the equipment furnished with this order requires synchronous operation

for proper performance i.e. it constitutes or is part of a "system", and the system controls are not furnished by Oskar Avani Environmental, Inc, Oskar Avani Environmental, Inc cannot be held responsible for improper or inadequate equipment performance, if that performance is the result of

improper or inadequate synchronization.

I DISCLAIMER: Oskar Avani Environmental, Inc. suggests that you check with your

insurance carrier in regards to installing a fire suppressant and or explosion relief system on the proposed equipment. We at Avani, recommend that you provide air cleaning and dust collection equipment with a fire suppressant and or explosion relief system. If you like for Avani to provide a quote for the lines we represent, we will be happy to

provide this as an option.

PERMITS, LICENCES All local regional and government permits, licenses and codes are the responsibility of the buyer unless specifically described in the quote