



October 12, 2005

Mr. Joe Smith  
ABC Company  
7990 Auburn Rd.  
Concord Township, OH 44077



Subject: PadPak<sup>®</sup> Package Design for Smoke Evacuation System

Dear Mr. Smith:

We designed a PadPak<sup>®</sup> package for a Smoke Evacuation System provided by your company. Following is a detailed description of our PadPak<sup>®</sup> package design:

**PadPak<sup>®</sup> Package Design for Smoke Evacuation System:**

1. We used your current corrugated container for this design.
2. Produced two (2) – 120-inch pads. Formed each pad into a coil and placed them into the bottom of the container as shown.



3. Placed the smoke evacuation system on top of the coiled pads and pushed downward to nest it into the coils.



- Produced two (2) – 96-inch pads. Folded each one to create pads with three thicknesses.



- Bent each triple thickness pad to form a “U” shape and placed one around each end of the unit as shown.



- Produced two (2) – 120-inch pads. Coiled the pads and placed them over the top of the unit as shown.



- Closed the flaps and seal the box with pressure sensitive tape.
- Total amount of PadPak<sup>®</sup> material used in this package design was **56 linear feet.**

**Summary & Comments:**

The PadPak<sup>®</sup> material used in this package design was our 2 ply – 50/50 produced on our new AutoPad II converter. This material has excellent cushioning properties and would make a great packaging material for this smoke evacuation system.

Some additional features and benefits of the PadPak<sup>®</sup> Cushioning System verses foam-in-place are as follows:

- PadPak<sup>®</sup> is biodegradable, recyclable and reusable. It is also made from a renewable resource.
- There are no hazardous chemicals used in our products or process.
- There is no capital investment required with the PadPak<sup>®</sup> Cushioning System.
- PadPak<sup>®</sup> is a clean material to work with.
- Disposability issues are eliminated for the customer. PadPak<sup>®</sup> can be recycled along with all other paper products, including newspaper.

The smoke evacuation system was packaged in the PadPak<sup>®</sup> design described above and will be shipped back to you on October 13<sup>th</sup> via UPS Ground. This will be an excellent test to see how well this package design performs in the actual UPS shipping environment.

Thank you for the opportunity to work on this project. If you have any questions regarding this PadPak<sup>®</sup> design, please do not hesitate to contact me. I can be reached at (800) 726-7257 ext. 8124 or by e-mail at [sbaiers@ranpak.com](mailto:sbaiers@ranpak.com).

Sincerely,



Shawn M. Baiers, CPP  
Packaging Engineer