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JULIUS A. BALLANCO, P.E.
President

October 19, 2007

Mr. Rick Harpenau
In-O-Vate Technologies
810 Saturn Street
Jupiter, FL 33477

Dear Rick:

There appears to be some confusion regarding the proper interpretation of the UL listing regarding the Dryer Box. The specific concern is Item 3 in the listing. This item reads,

3. Steel Vent Duct — Nom 4 in. (102 mm) diam by min 26 gauge rigid steel dryer duct friction fitted into top or bottom opening of the firestop device (Item 2) for purposes of venting to the exterior. Vent duct to be routed entirely within fire rated construction from the firestop device to the exterior of the building. Vent duct to be firestopped in accordance with an appropriate F-A-7000, F-C-7000 or F-E-7000 Series firestop system where it passes through the top plate or sole plate of the chase wall in which it is routed.

The friction fit identified in the connection between the dryer duct and the Dryer Box means that the dryer duct is merely pushed through the intended opening into the Dryer Box. There is no caulking or fill required in the friction fit of the Dryer Box. This is how the Dryer Box was tested in the laboratory.

The requirement for the dryer vent “to be routed entirely within a fire rated construction,” is not a special requirement specified by UL. This requirement can be found in the International Building Code. Of course, it is confusing since the next sentence requires a firestop system where the dryer vent passes through the top plate or sole plate of a chase wall.

Please realize that being routed in fireresistance construction can also include routing the vent through an attic area above a dwelling unit. The dwelling unit could have a fireresistance rated ceiling assembly that separates the dwelling unit from the attic. The vent can be open to the attic since it is a part of the fireresistance rated construction. However, where the duct enters the attic space, it must be firestopped at the penetration.

I hope this explains the meaning of this section. If you have any additional questions regarding the UL listing, please don't hesitate to contact me.

Cordially yours,

Julius Ballanco, P.E.
President

