



**City of
Portland, Oregon
Bureau of Development Services**

1900 SW 4th Avenue, Suite 5000
Portland, Oregon 97201
503-823-7300
Fax 503-823-6983
TTY 503-823-6868
www.portlandonline.com/bds

To: Charlie Stephens and Tad Everhart

From: Alternative Technology Advisory Committee:

Edward Vranizan (chair)	Samir Mokashi (vice-chair)
Aron Faegre	Joshua Klyber
Ron Hays	Kathy Bash
Peter Dusicka	

RE: Application #09-001 (Everhart) – Final Recommendation

Date: July 30, 2009

Summary of Proposal: The applicants request to install Zehnder/JE StorkAir ComfoAir 350 Heat Recovery Ventilators (StorkAir 350 HRV) in several houses being designed using the high-efficiency Passive House standards. The StorkAir 350 HRV is not yet listed by Underwriters Laboratories (UL) or ETL SEMKO.

Applicable Building Code Section(s): M1302.1 Listed and labeled

Committee Findings:

1. The background data provided by the applicant shows that the HRV has been certified in accordance with European standards, and used in several thousand homes in Europe.
2. The manufacturer of the HRV is in the process is working on US certification through the ETL.
3. The applicant's Electrical Engineer provided information describing the minor modifications that would need to be made to the unit to make it compatible for installation in the United States. The Committee did not find that any of these modifications would create issues with the safety or operation.
4. The applicant provided an energy comparison that showed that the StorkAir 350 HRV is far more efficient than the UL listed HRV's currently available in the United States. Therefore should be supported as a sustainable technology based on the potential energy savings it can offer.

Final Committee Recommendation:

Based on these findings the Alternative Technology Advisory Committee recommends approval of this technology. The Bureau of Development Services' Administrative Appeal Board is encouraged to approve subsequent building code appeals based on the information provided in this application.

Please note: BDS and the Administrative Appeal Board is not bound by the recommendations of the Committee. A favorable recommendation of a technology by the Committee does not guarantee approval of a building code appeal.

Further instructions for the applicant:

You may submit your building code appeal to use this technology in a site-specific project at any time by following the [instructions](#) found on the BDS website. A building code appeal must be approved by BDS to be able to use this technology in a project. Please submit a copy of this committee recommendation with your appeal application. Please contact the Appeal Board Secretary at (503) 823-7335 if you have any additional questions about the appeal process.