



# This is Green Air

165 Wood Road  
Braintree, MA 02184  
Ph: 781-535-6800  
Fax: 781-535-6836  
E-mail: sales@nas-hvac.com

3 Lopez Road  
Wilmington, MA 01887  
Ph: 978-988-2000  
Fx: 978-988-2200

10A Morse Drive  
Essex Junction, VT 05452  
Ph: 802-879-0442

## INDUCTION UNITS

Do you need to replace existing?

Do you need new?

Horizontal?

Vertical?

45 degree?

Call us for any application



Power  
Balance  
damper

Remote control



## Ruskin ValidatOr

Smart Fire/Smoke Damper System

At the February 13th Boston Chapter of ASHRAE meeting there was a presentation by Anand Seth and Milton Goldman regarding Hospital design. During the discussion the question of fire, smoke and fire/smoke damper testing was raised

Ruskin offers a system to test and Validate the operation of these components.

### What is the Ruskin Validator System?

The Validator System provides facility owners with a testing and maintenance system for the fire/smoke and smoke dampers in their buildings. The system constantly monitors the position of each damper and verifies that the dampers are in their normal positions. To keep the dampers in working order, the Validator system automatically closes and reopens the dampers on a regular schedule selected by the facility manager. The system logs all events and alarms when any damper is not working correctly.

### Why Validator?

Failures are unpredictable. Fire marshals, inspectors, building owners, insurance underwriters and specifiers need assurance that HVAC life-safety systems will function properly when needed. Validator provides this assurance and reduces the facility owner's potential liability. UL, AMCA, damper manufacturers and NFPA suggest cycling damper/actuators **"once every six months"** to ensure proper operation of fire/smoke and smoke rated dampers during a fire event.



[Ruskin.com](http://Ruskin.com)

**Flanders SuperFlow 24 HEPA      24x24      2400 CFM      1.0" sp pressure drop**

#### Important Features

The product offers the following advantages over conventional HEPA filters.

- **Longer Life**  
Gasket seal Super-Flow®24 filters have 400 sq. ft. of media compared to 240 sq. ft. for traditional HEPA filters. The greater media area provides a longer time period between filter replacements.
- **Improved Efficiency**  
The significant quantity of media translates into an extremely low media velocity. Therefore a minimum overall efficiency of 99.99% at 0.30 µm is easily assured. Traditional HEPA filters have an overall efficiency of 99.97% at 0.30 µm.
- **Lower Operating Cost**  
The typical HEPA filter pressure drop can range from 1.4-inch w.g. to 1.8-inch w.g. at the rated flow. The pressure drop of the Super-Flow®24 is 1.0-inch w.g. at the rated flow.

