

# An important message about Fire Life Safety Dampers from Greenheck

## IT'S TIME TO COMPLY

One year ago, Greenheck became the first manufacturer in the industry to meet UL's new Fire Life Safety requirements for fire dampers, smoke dampers and combination fire smoke dampers. Revised Standards UL 555 and UL 555S were issued June 1, 1999 with a deadline for compliance of July 1, 2002. The new UL Standards require that dampers meet significantly more stringent requirements, which will greatly increase damper reliability.



*This Greenheck ad helped inform engineers about the new UL Standards.*

"HVAC engineers must upgrade their specifications immediately and require that only the more reliable fire smoke dampers be installed after July 1, 2002," said Mike Wolf, Greenheck's damper sales and marketing manager.

## NEW UL REQUIREMENTS FOR FIRE LIFE SAFETY DAMPERS

To meet the new UL Standards, dampers rated for use in HVAC systems that continue operation during fire emergencies now have airflow (velocity) and pressure rating levels. These rating levels include a safety factor to ensure reliability and provide reasonable minimum levels of qualification.

**Fire/Safety dampers manufactured after July 1, 2002 must now have:**

- Airflow rating levels of 2000, 3000, and 4000 fpm achieved with minimum test requirements of 2400, 3400, and 4400 fpm.
- Pressure rating levels of 4, 6, and 8 in. wg with testing at 4.5, 6.5, and 8.5 in. wg.

**Dampers must now be tested with airflow in either direction.**

This change makes a feature previously standard to Greenheck dampers mandatory throughout the industry and will prevent many dampers from being improperly installed.

**Dampers with automatic actuators now require cycle testing 20,000 times, a significant increase from the 5,000 cycles required previously.** In addition, all damper actuators must be installed and tested at the damper manufacturer's

factory prior to shipping. This ensures a proper matching of damper and actuator requirements and proper installation of the actuators.



*Greenheck expedited the testing process by simulating heated air flow during fire emergencies in its UL Certified on-site testing lab.*

New UL Standards also require that dampers be tested using heated air (with elevated temperature ratings of 250° F and 350° F). Leakage rating tests are now conducted on dampers that have already completed all other test requirements.

Greenheck's in-house testing capabilities helped its engineers develop the most comprehensive selection of U.L. Certified dampers—well in advance of the July 1 deadline. And that means you can continue specifying Greenheck Fire Life Safety Dampers and know you're offering the industry's most reliable products.

*Find out more by visiting [greenheck.com](http://greenheck.com) or by talking to your knowledgeable, local Greenheck representative.*

