

In the

Line of

FIRE

RUSKIN®

Green Building
and Ruskin Fire
Smoke Dampers

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More and more designers, builders and owners are becoming "green." "Green" means they are becoming interested and involved in building practices that promote conservation.

With energy and resource conservation an issue in the design of buildings, the only fire smoke dampers that fit the "green" profile are Ruskin fire smoke dampers, especially the FSD60 and FSD60V. The FSD60 and FSD60V are the best performing fire smoke dampers in the industry on sizes up to 48" wide and 48" high. The FSD60 and FSD60V allow HVAC designers to "cut back" on fan brake horsepower and thus save energy. Not only that, but the FSD60 and FSD60V utilize electric actuators which consume less power than other actuators used by other damper manufacturers. For more information about the FSD60 and FSD60V refer to previous *In the Line of Fire* publications.

Another aspect of "green" buildings is maintenance. "Green" is all about conservation of resources. Unnecessary or unplanned maintenance results in wasting resources. Ruskin fire smoke dampers fit the "green"

profile when it comes to maintenance, too. All Ruskin fire smoke dampers carry a 5 year warranty. That means they are less likely to require unplanned maintenance because of mechanical failure.

All fire smoke dampers, regardless of manufacture, require some maintenance. Maintenance usually involves cycling the damper (using the actuator), once every six months. Ruskin fire smoke dampers require cycling only once a year, thus conserving resources.

Ruskin has also developed a maintenance system whereby cycling of fire smoke dampers is totally automated and recorded. The system allows every fire smoke damper to be given an address for easy location. If any fire smoke damper fails to report for any reason, an alarm is generated and maintenance personnel can be notified. This system is called the Validator and it allows valuable maintenance resources to be used more efficiently.

To summarize: "Green" is all about conservation of resources. If "green" or any other color is your goal, then Ruskin combination fire smoke dampers (like the FSD60) are for you. ***Ruskin, We Make "Green" Happen.***