

PHANTOM FEATHEREDGE™

The Most Sensitive,
Reliable, Rolling Door
or Grille

SAFETYEDGE

is now cordless and
available only on
Cookson Products.



Can you afford to take a chance with safety?
Of course you can't. Always specify Cookson
rolling doors and grilles with Phantom Featheredge.
The only safetyedge with air wave technology that
does not require a connecting power cord.



The Cookson Company

PHANTOM FEATHEREDGE™

Purpose of a Safetyedge

The purpose of a rolling door or grille safetyedge is to reverse the closing action if the door or grille comes in contact with an obstruction. The Cookson Company introduces a new wave in safetyedge design - Phantom Featheredge™ - the very first device using air wave technology. All it takes is a slight depression in the Phantom Featheredge to create the necessary wave motion which sends a signal to the control panel and immediately reverses the closing action of the door or grille. And, it's cordless!

Other Safetyedges Are Unreliable

Some of the reasons a traditional safetyedge might fail are:

- The power cord has been damaged or is simply not connected.
- The safetyedge has been torn or punctured.
- The safetyedge contacts have corroded.
- The temperature has affected the pressure required to activate the safetyedge.

The Cookson Company Phantom Featheredge will not fail for any of these reasons because; it does not require a connecting power cord to function; it will operate properly even if punctured or torn; it has no contacts to corrode; and variations in temperature will not affect its operating sensitivity.

Benefits with Phantom Featheredge

More Sensitive - Phantom Featheredge does not rely on pressure, electrical contacts, or volumes of air to activate a switch to reverse the door or grille. Air wave technology activates the reversing action with minimal impact.

Resists an Electrical Malfunction - Today's electrical safetyedges can malfunction if the covering is torn allowing water to enter the device.

Reliable Contact Operation - Because there are no electrical contacts, it is impossible for corrosion or tearing to render the Phantom Featheredge inoperable.

Doesn't Rely on Temperature or Pressure - The Phantom Featheredge does not depend on air volume for activation, therefore, temperature changes do not affect the operation of the device.

Not Affected by Punctures or Tears - Small punctures or tears which so often occur in traditional safetyedges will not inhibit dependable operation of the Phantom Featheredge.

Does Not Require a Connecting Power Cord - Until now, all safetyedge devices required a power cord connected to the motor control panel. These unsightly cords usually hang in the door opening and often become disconnected, rendering the safetyedge device inoperable. The Phantom Featheredge does not require a connecting power cord.

Fail-Safe Reliability - The Phantom Featheredge device has a built-in feature to ensure the door or grille will not close on an object even if for some reason the safetyedge becomes inoperable. If the device is not completely functional, the fail-safe feature indicates a problem by requiring constant pressure on the close button to activate the system.

To Include Phantom Featheredge in Cookson Rolling Door or Grille Specifications

Below is a sample specification for The Phantom Featheredge which can be inserted in a current safetyedge section of a rolling door or grille specification. Complete rolling door or grille specifications which include The Phantom Featheredge are available in the Electronic Design Manual located at cooksondoor.com.

2.0 PRODUCTS

2.1 Materials

2.2 Operation

- B/C. The rolling doors shall have installed on the bottom bar a Phantom Featheredge device that will automatically reverse the door if the device detects an obstruction in the downward travel of the door.
1. The Phantom Featheredge shall consist of a rubber boot attached below the bottom bar with a switch secured to the back of the bottom bar. The Phantom Featheredge shall operate with air wave technology and shall not rely on pneumatic pressure or electrical contacts to operate. The Phantom Featheredge shall create an air wave that shall be detected by the switch which reverses the downward direction of the rolling door.

2. The Phantom Featheredge shall not require a connection cord or any means of electrical connection to the motor control panel.
3. The Phantom Featheredge shall be of fail-safe construction, and on every cycle shall perform a self diagnostic test. If any part of the Phantom Featheredge fails, the door closing operation shall change from momentary pressure to constant pressure requiring constant pressure on the close control station to move the door in a downward motion. Repairing the Phantom Featheredge will automatically return the closing operation to momentary pressure.
4. The operation of the Phantom Featheredge shall not be subject to interferences by temperature, barometric pressure, water infiltration, or punctures and small tears.
5. The Phantom Featheredge shall perform with an extremely small amount of impact pressure.