

Fire Kontrol™ Frequently Asked Questions:

What is the standard labeling size of Fire Kontrol?

Fire Kontrol's test size is 11'0" wide x 9'-0" high, and will include both UL and FM labels. This dimension was determined by test oven size and the maximum unit size able to be tested on it. By testing the maximum size possible, Cookson is also able to provide larger Fire Kontrol units with UL and FM Oversize Construction classification labels.

What is Fire Kontrol's maximum approved opening size?

UL procedure allows UL Oversize Construction classification for units to product limits: from 3' 6" to 22' High to a maximum of 1600 square feet, standard construction.

Does Fire Kontrol provide high temperature override of the egress hardware, as defined in the building codes and NFPA 80?

Yes. Fire Kontrol has sensors that will lock out operation of the egress hardware if the temperature exceeds 500° F on either side of the opening.

Is Kontrol's battery system monitored and does it provide a low battery warning signal?

Yes. Fire Kontrol continuously monitors the voltage level of its batteries and displays it on the front of the control box panel. An audible low battery warning signal is transmitted whenever the battery voltage drops below a desirable level. There is also a terminal connection at the operator if the owner desires to include an external monitoring device. In addition, a load test is performed every 30 hours to simulate running the door on battery power.

Does Fire Kontrol offer an optical eye path obstruction detector?

No. Such a device could not be used on units that incorporate a curved track and would not be fool-proof. The sensing beam projects across a straight path and may not detect a chair, table edge or any object obstructing the path that is not directly in the beam. Mounting such a device with pocket doors that are normally closed is also problematic. Instead, Cookson recommends routine operation of the door, which will detect obstructions in the opening as well as confirm the proper operation of the life safety devices. To facilitate this, Kontrol's controller has an available option to automatically cycle the door once a day at a selected time. The door would then stop at any obstruction left in the opening to alert the building's occupants or owner.

Can Fire Kontrol be powder coated? Yes.

Why can't the door have a vinyl cover?

Not tested per UL procedure. Panels and hinges may bind up.

During what part of travel is the sensing edge active?

Inactive for the first 12" to 18" out of the pocket (preset at 12", but adjustable to 18") and the last 1"-2" of travel as the door closes into striker channel.

Will it push a pocket door open before it activates and stops? Yes.

What is the expected battery life before they require replacement?

1 1/2 - 2 years with normal operation.

What is the battery cost?

Approximate cost is \$35 each. Two standard 12vDC batteries are required, but should be rated to 18v. Can be purchased off the shelf through Grainger, Friedman Electric, etc.

Can Fire Kontrol units be used daily for security?

Yes. Operators include a "Security Mode" that locks out the egress hardware functionality until the unit is activated by alarm.

What is the closing rate of the door?

Approximately 9" per second for single pocket units, 6" per second per side for bi-parting units.