

# Local Control Override with ZoneSaver

## General

The ability to manually control emergency egress lighting in a hospital or healthcare facility provides significant energy savings. However, in the event of a

power failure, it is necessary to bypass the control device (wall switch, dimmer, occupancy sensor, photocell, energy management, etc.) to insure

that full illumination of the lighting fixtures is achieved during the emergency condition, thus providing safe egress.

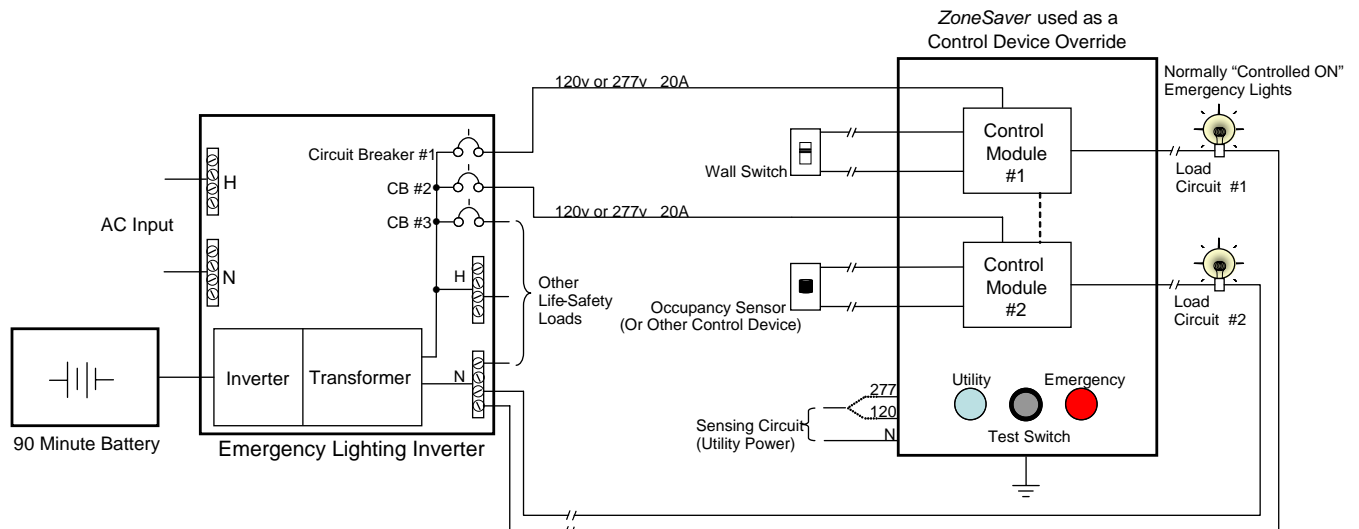
## Zone Saver & Local Control Override

ZoneSaver, used with a Controlled Power Company lighting inverter, overrides local control devices and insures full illumination to emergency lighting during a power outage. The ZoneSaver allows independent control of lighting fixtures during normal power conditions. However in the event of a power failure, ZoneSaver will automatically override the control of selected fixtures and insure their full

illumination for safe egress. ZoneSaver is capable of supplying two separate single pole, 20 amp circuits at 120VAC or 277VAC, or one 2 pole, 20 amp circuit at 208VAC or 240VAC. Depending on the size of the lighting inverter, multiple ZoneSavers can be used for larger applications involving many lighting control devices. The ZoneSaver has color lamps which indicate device status. When utility voltage

is available at the sensing circuit input, the "green" utility light is illuminated, indicating a normal condition. Local control is allowed. When utility power is lost, a red emergency light is illuminated, the control device is bypassed and full nominal voltage is diverted to the selected emergency fixtures, providing full illumination. A Test Switch is provided to manually test the emergency circuits per NFPA 101.

Operating Room - Emergency Room - Cath Lab - Plastic Surgery - Delivery Room

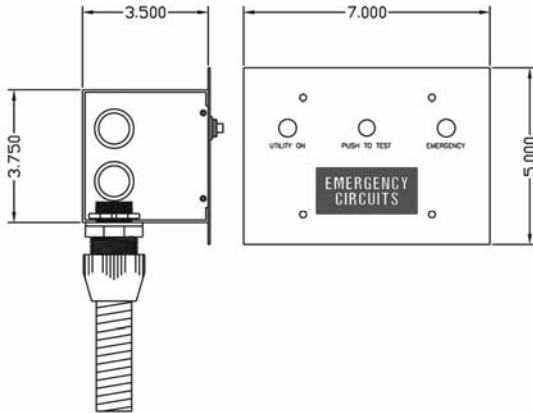


## Housing

The ZoneSaver is provided in an enclosure constructed of a 3-gang masonry box fabricated from 16 gauge

galvanized steel. It has an acid resistant, off-white powder coat finish, a faceplate made of 18 gauge

galvanized steel and pre-wired, color coded leads routed through the attached 6' flexible conduit.



## Summary

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The ability to use existing light fixtures for emergency egress lighting offers unique design flexibility. The ability to control these fixtures with a wall switch, dimmer, occupancy sensor or photocell offers significant

energy saving and patient comfort while assuring the safety of patients, healthcare personnel and visitors.

ZoneSaver is used together with Controlled Power

Company's eLITE and UltraLITE centralized emergency lighting inverter systems to bypass local control devices, insuring that the controlled lighting fixtures illuminate fully during a power outage.